THE CFT
CIRCULAR STAIN BOOK

EDITION 2024.264

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CFT
CENTER FOR TESTMATERIALS

Introduction

CFT has two distinctively forms of production methods:
- Standardized Testmaterials
- Circular Stains

We firmly believe that there is a need for both these types of testmaterials in the industry. Both have their own advantages and disadvantages

Standardized Testmaterials are cost-effective, present less variability, and are usually available from stock. Circular Stains will appear more consumer realistic. Therefore, they are more applied in claim support or marketing activities. Another advantage is that it is possible to produce only a small batch at a time or even a lot of different stains in a short period of time.

The book in front of you is our Circular Stains Book. In this book, you can find our entire range of, mostly handmade, Circular Stains. We present you this book to inform you on the different aspects of the stains. This can be a useful tool to help you select the stains that are most suitable for your research.

The Circular Stains Book contains the following parts: A description of how to use this book, an index of our Circular Stains, product sheets with a full description of our Circular Stains, an application legend, and an index of our Circular Stains in alphabetical order.

Useful fact about our Circular Stains:
- Storable at 3 - 7°C
- At least usable up to one year after production date, as labeled on the package.
- Sold in packs 50 pieces.
- Customized stains available on request

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How to use this Cilcular Stain Book

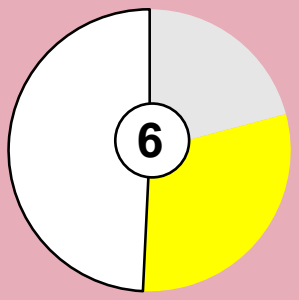
The picture below is an example of a product sheet of one of our Circular Stain. The other pictures show a breakdown of this decription.

Order Code:	Substrate:	Yu:
C-H026	Woven Cotton (CN-11 w3x)	90,9
KC-H026	Knitted Cotton (CN-42w3x)	94,5

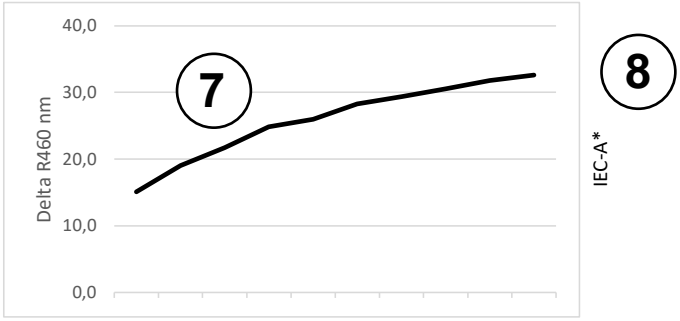
5

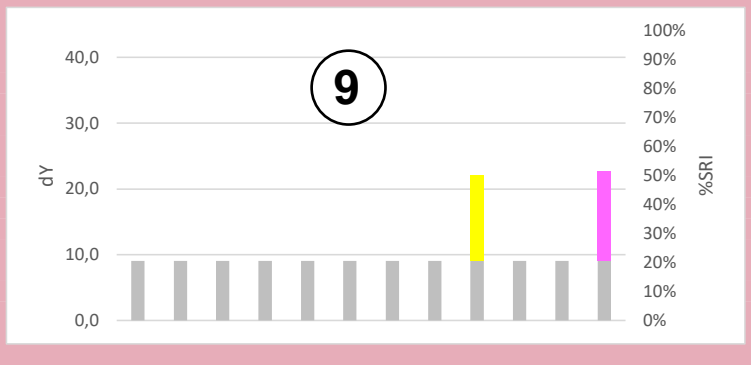
Order Code:	Substrate:	Yu:
026	Polyester/Cotton (PCN-01w3x)	87,9
026	Polyester (PN-01 w3x)	86,5

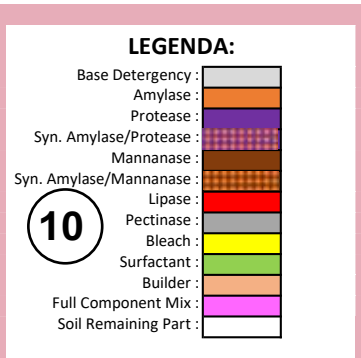
Detergent Component Response



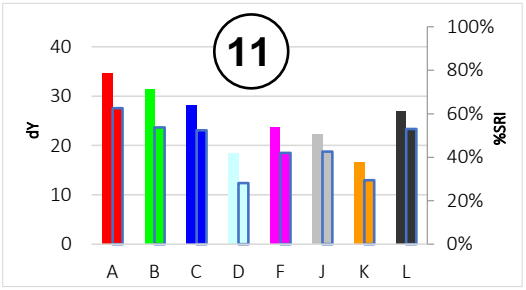
Detergent Dosage/Response & QC

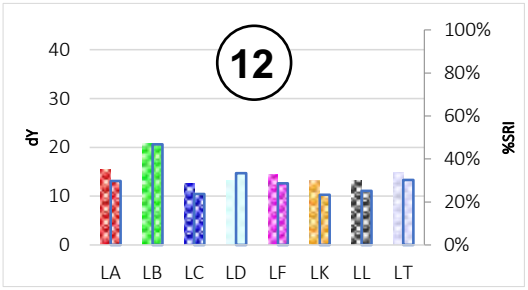






Commercial Detergent Comparison





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1. The CFT code ofthe soil (on woven cotton).

2. Soil name.

3. Example of the standardized testmaterial on woven cotton.

4. **Discriminative Power**
   Discriminative Power Index (1-5 stars):

$$\frac{\sqrt{\sum_{i=1}^{n=1}\sum_{j=i+1}^{n}(1-T_{(\mu i=\mu j)})} * ABS(\mu_i=\mu_j)}{c}$$

   CFT developed this way of quantifying the Discriminative Power of a Testmaterial several years ago. It is based on the sum of the significance (Student T-Test) of all different results (in ΔY) times the size of this difference. This is scaled to a 5 star ratio.

   Reproducibility Ratio
   The Reproducibility Ratio (1-5 stars) indicates the consistency of the soiled Y-values (Ys) within a batch, scaled on a ratio from 1 to 5 stars

   Reliability Ratio
   Reliability Ratio (1-5 stars):
   The Reliability Ratio indicates the consistency of the repetitions in ΔY over the average cleaning levels (Avg(Yw)). Indicates the consistency of results between repetitions, scaled on a ratio from 1 to 5 stars.

   Popularity
   Popularity of stain based on sales records.

5. Table with the order codes of this stain on different substrates. Also shows the width & Yu (Y-unsoiled) value of the different substrates.

6. Circle diagram of the relative response to different components in the detergent.

7. Detergent dosage response & QC graph, including our thresholds for approval.

8. This box indicates if any relevant components are added to the IEC-A* in the Quality Control procedure.

9. Detergent component response tabel.

10. Legenda of detergent component response tabel and circle diagram.

11. Comparison of commercial powder detergent. The different colors represent different powder detergents. The left bar shows the results on 40ºC. The bar with the blue outline is showing the results on 25 ºC.

12. Comparison of commercial liquid detergents. The different colors represent different liquid detergents. The left bar shows the results on 40ºC. The bar with the blue outline is showing the results on 25 ºC.

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C-H001

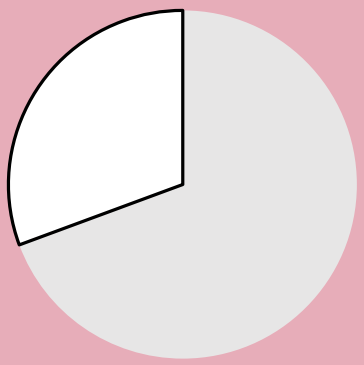
Apple, pure concentrate

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★☆☆☆☆

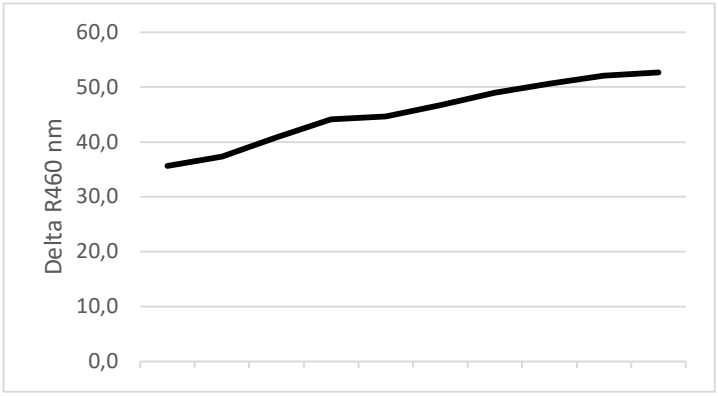
Order Code:	Substrate:	Yu:
C-H001	Woven Cotton (CN-11 w3x)	90,9
KC-H001	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H001	Polyester/Cotton (PCN-01w3x)	87,9
P-H001	Polyester (PN-01 w3x)	86,5

Detergent Component Response



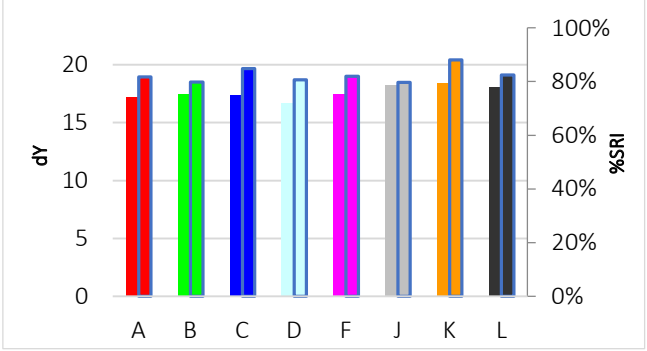
Detergent Dosage/Response & QC

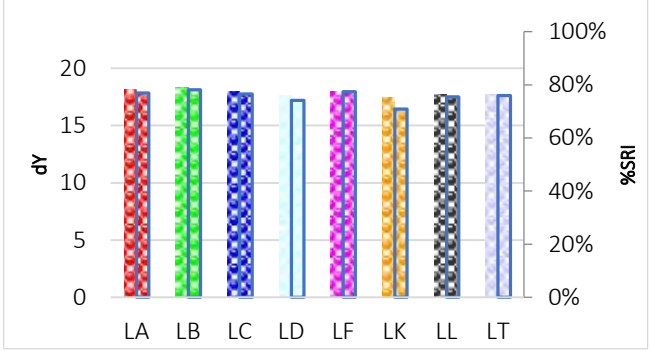


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H002

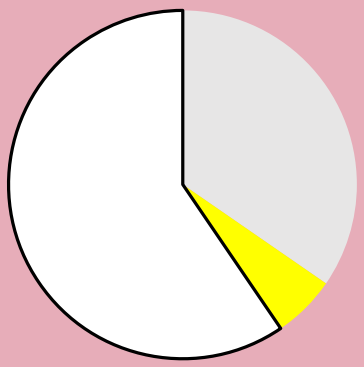
Apple juice

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

Order Code:	Substrate:	Yu:
C-H002	Woven Cotton (CN-11 w3x)	90,9
KC-H002	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H002	Polyester/Cotton (PCN-01w3x)	87,9
P-H002	Polyester (PN-01 w3x)	86,5

Detergent Component Response



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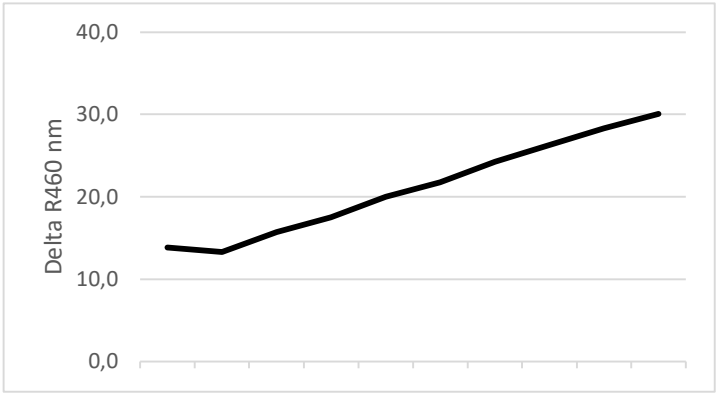

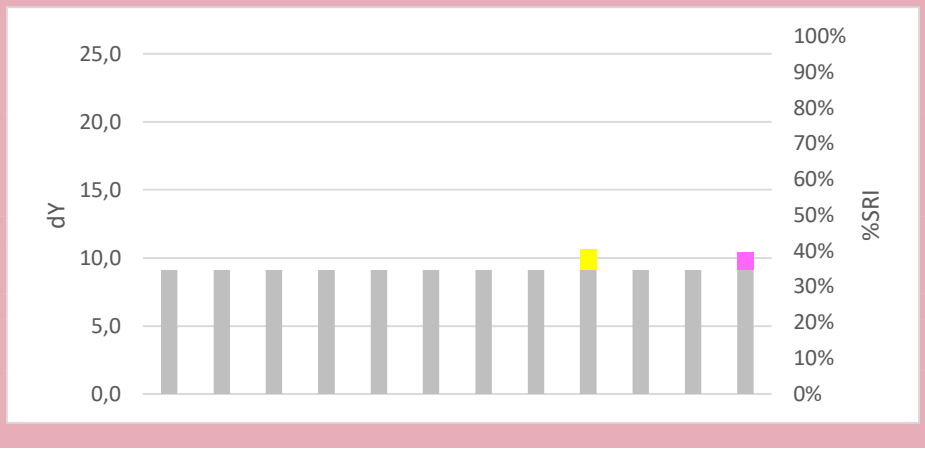

LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
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- Builder :
- Full Component Mix :
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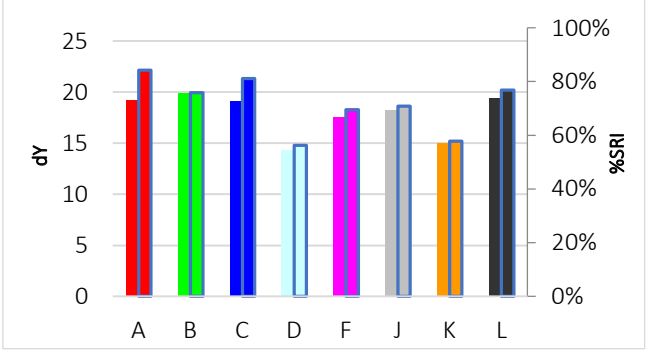
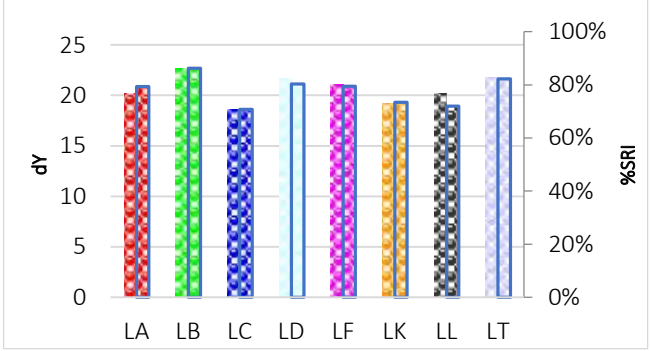
Commercial Detergent Comparison





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C-H003

Apple, freshly squeezed

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

Order Code:	Substrate:	Yu:
C-H003	Woven Cotton (CN-11 w3x)	90,9
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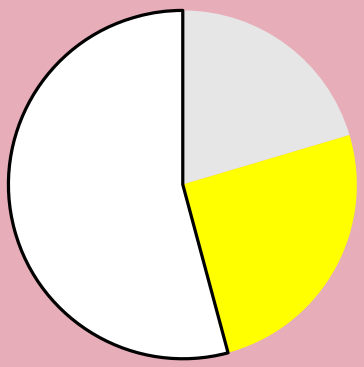
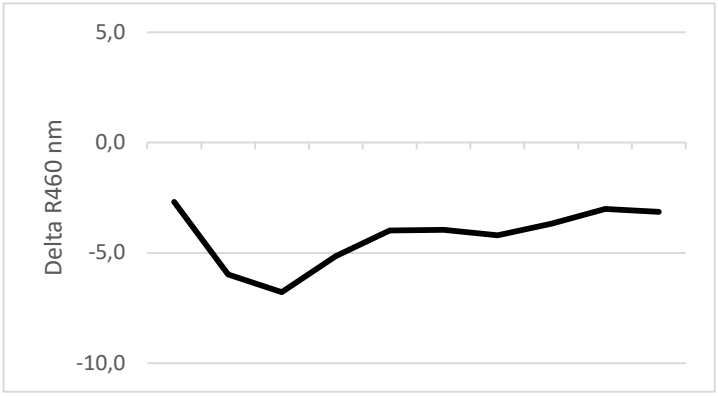
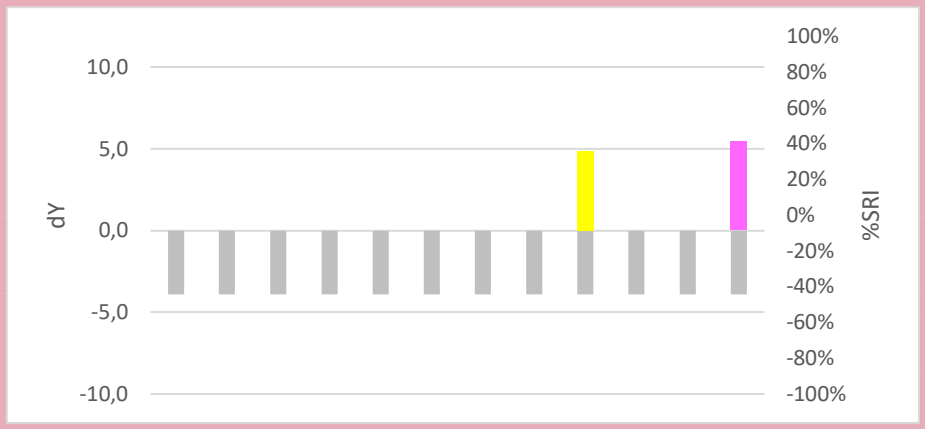


Detergent Dosage/Response & QC





LEGENDA:

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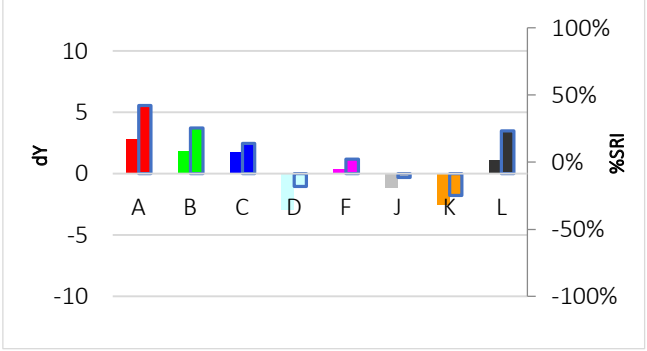
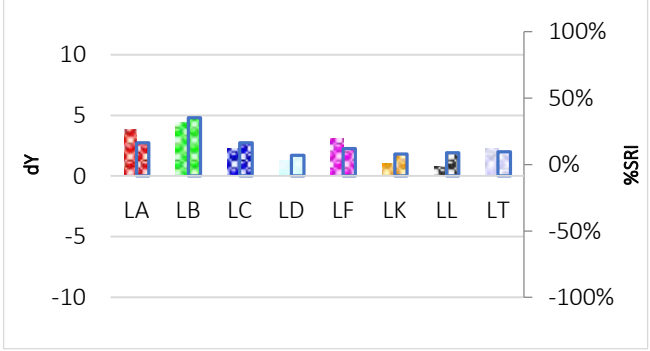
- Soil Remaining Part :

Commercial Detergent Comparison





C-H004

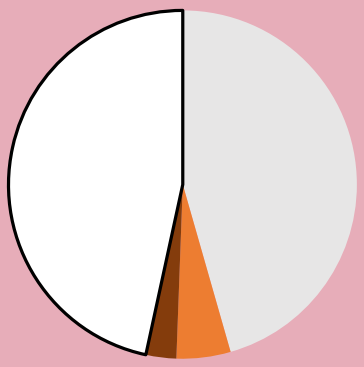
Barbecue sauce

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

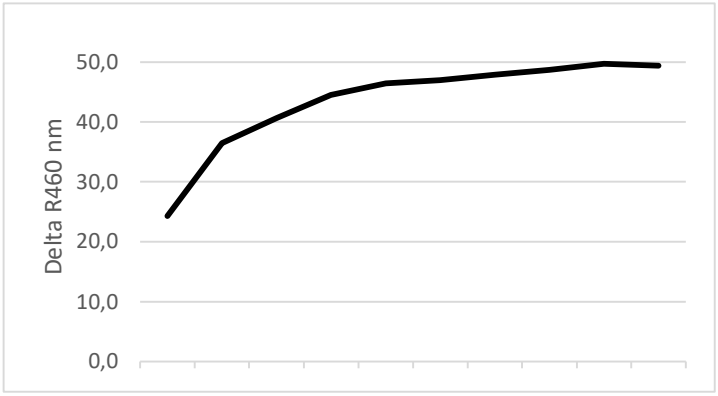
Order Code:	Substrate:	Yu:
C-H004	Woven Cotton (CN-11 w3x)	90,9
KC-H004	Knitted Cotton (CN-42w3x)	94,5

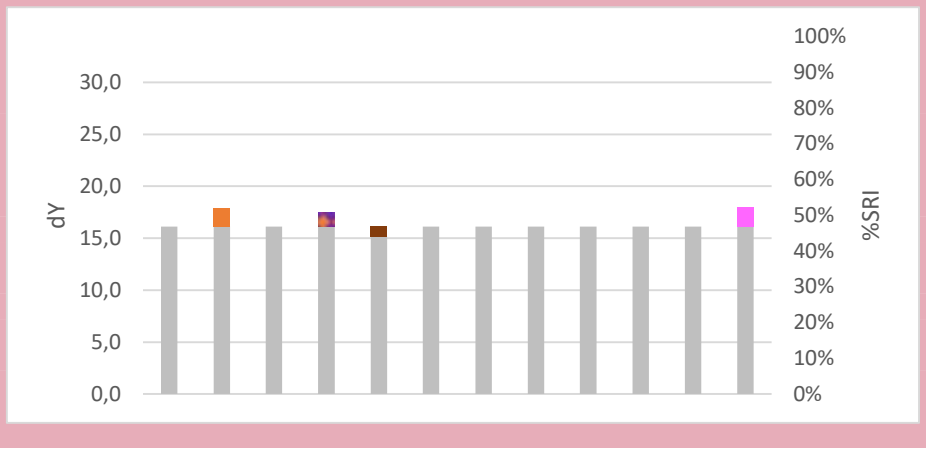
Order Code:	Substrate:	Yu:
PC-H004	Polyester/Cotton (PCN-01w3x)	87,9
P-H004	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

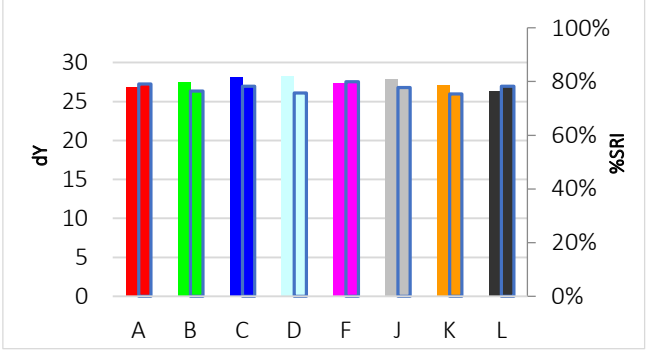


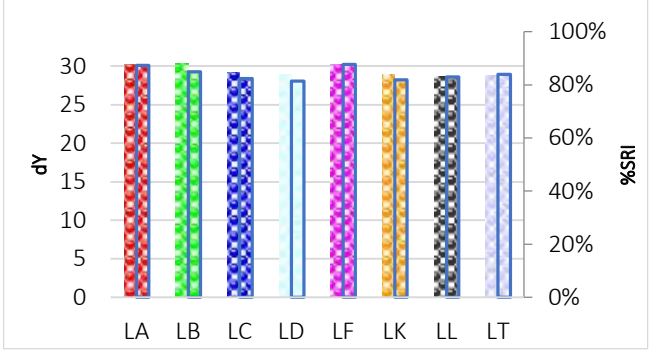


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H005

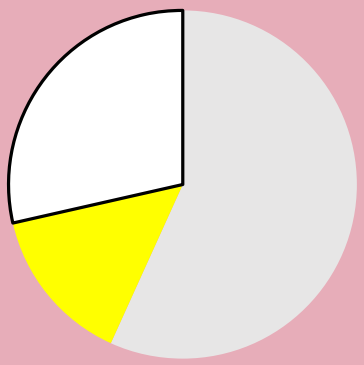
Blackberry juice

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

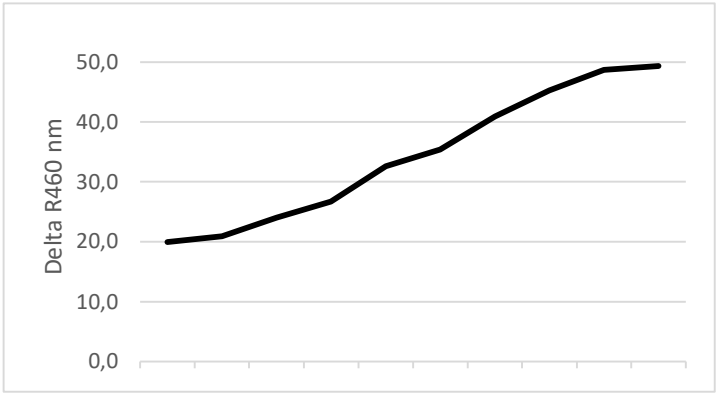
Order Code:	Substrate:	Yu:
C-H005	Woven Cotton (CN-11 w3x)	90,9
KC-H005	Knitted Cotton (CN-42w3x)	94,5

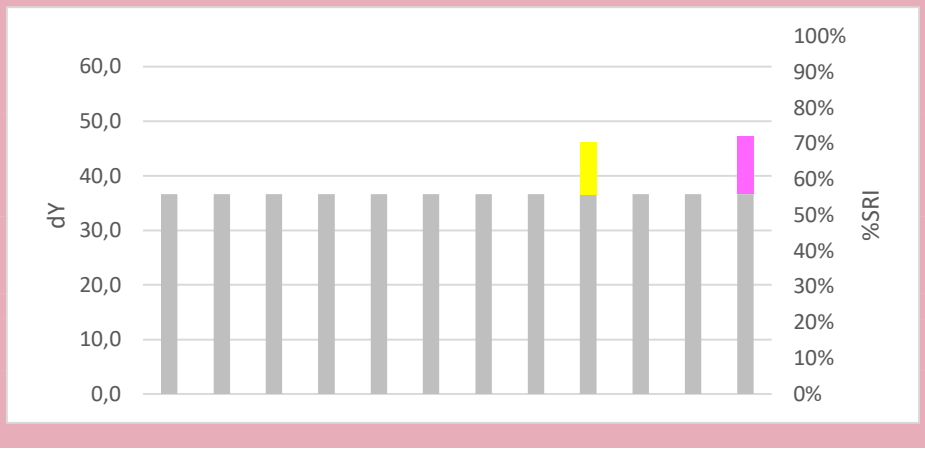
Order Code:	Substrate:	Yu:
PC-H005	Polyester/Cotton (PCN-01w3x)	87,9
P-H005	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

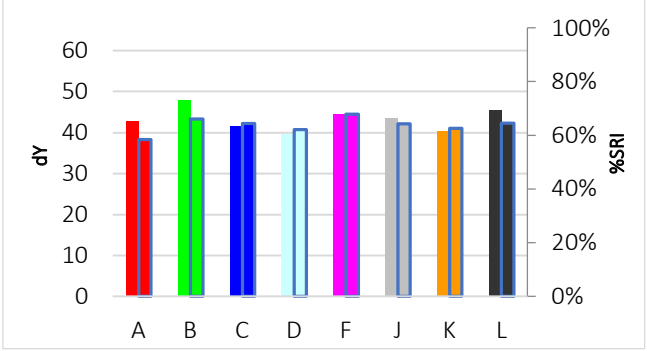


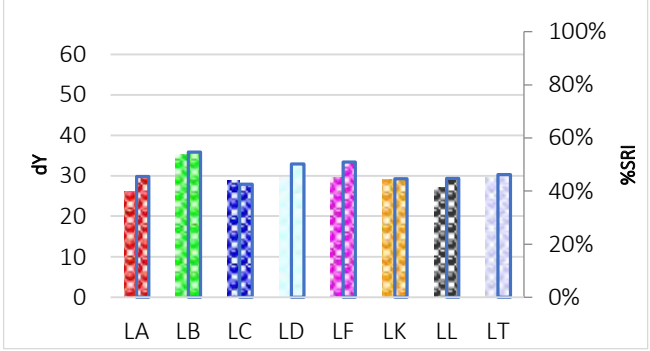


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H006

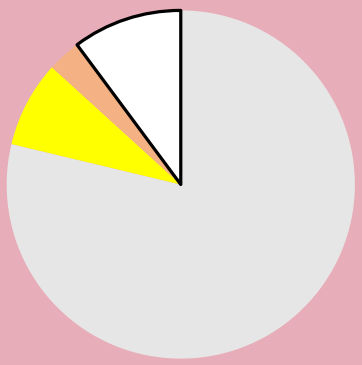
Blackcurrant, pure concentrate

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

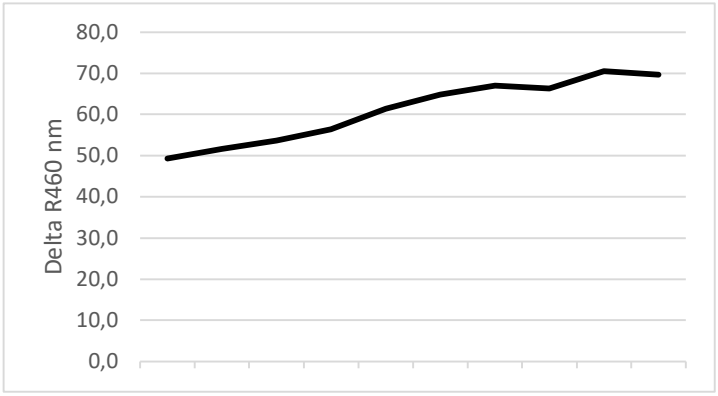
Order Code:	Substrate:	Yu:
C-H006	Woven Cotton (CN-11 w3x)	90,9
KC-H006	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H006	Polyester/Cotton (PCN-01w3x)	87,9
P-H006	Polyester (PN-01 w3x)	86,5

Detergent Component Response



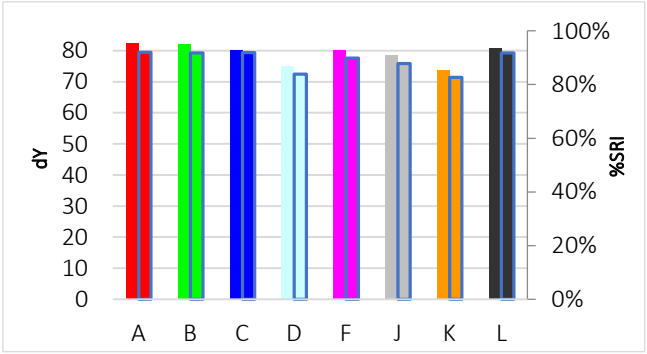
Detergent Dosage/Response & QC

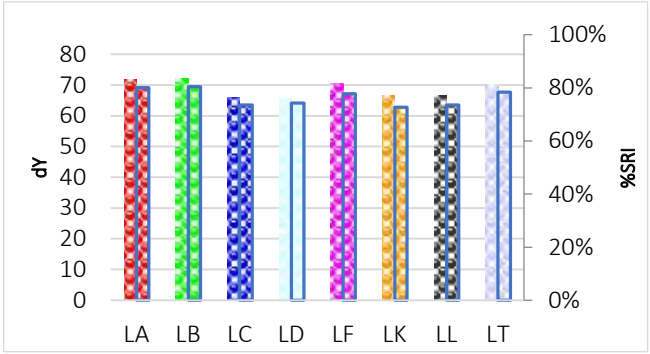


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H007

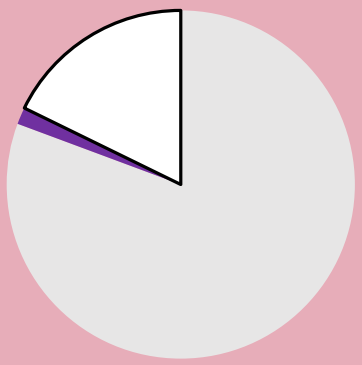
Blood

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

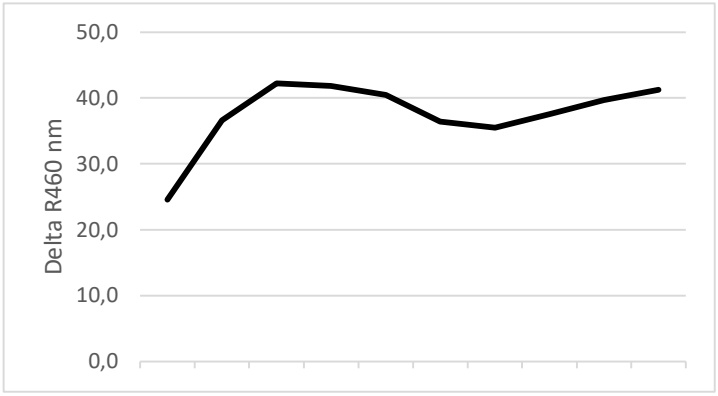
Order Code:	Substrate:	Yu:
C-H007	Woven Cotton (CN-11 w3x)	90,9
KC-H007	Knitted Cotton (CN-42w3x)	94,5

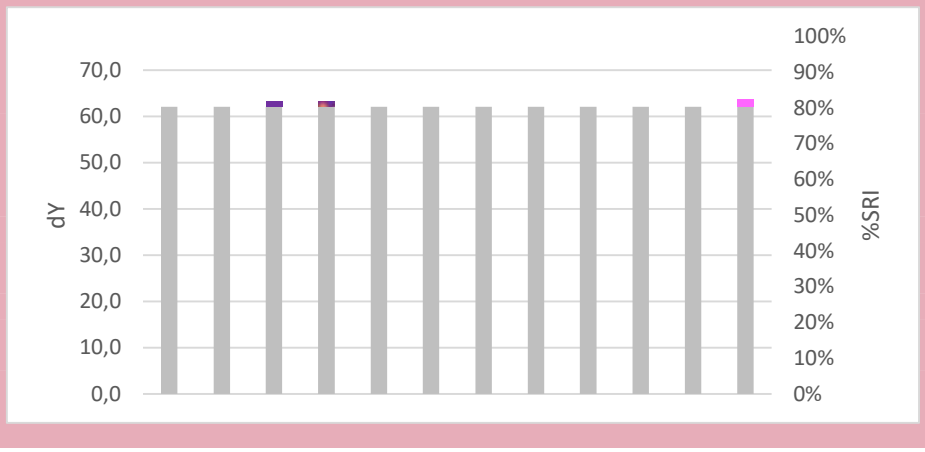
Order Code:	Substrate:	Yu:
PC-H007	Polyester/Cotton (PCN-01w3x)	87,9
P-H007	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

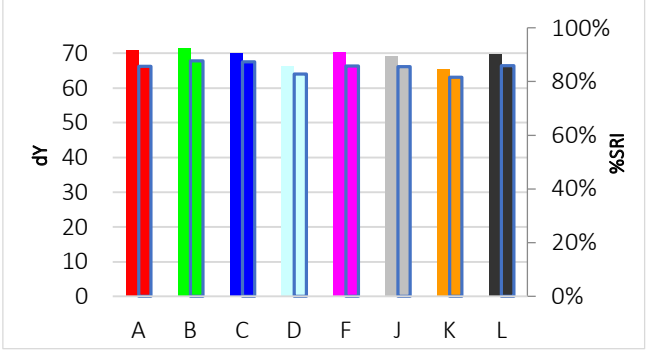


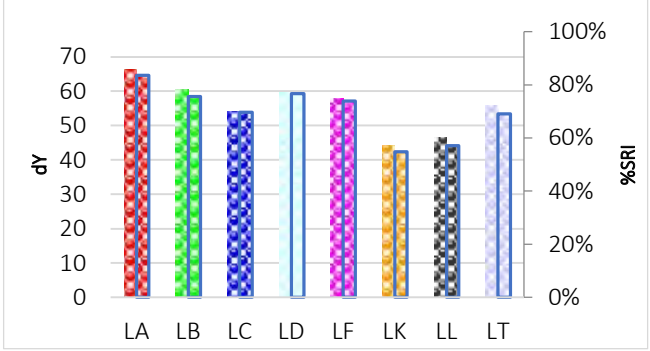


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H009

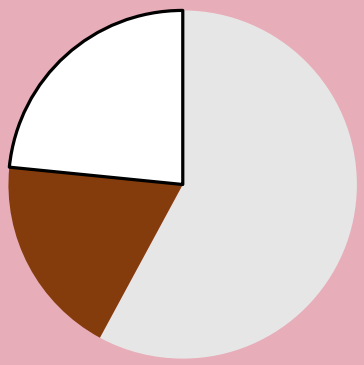
Chocolate ice cream

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

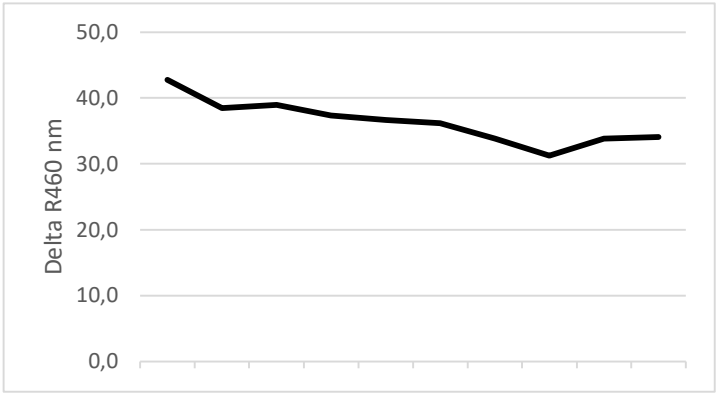
Order Code:	Substrate:	Yu:
C-H009	Woven Cotton (CN-11 w3x)	90,9
KC-H009	Knitted Cotton (CN-42w3x)	94,5

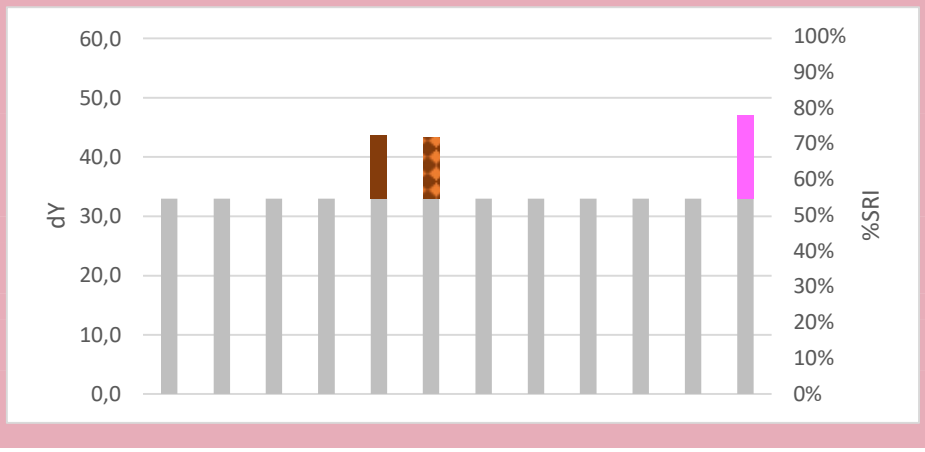
Order Code:	Substrate:	Yu:
PC-H009	Polyester/Cotton (PCN-01w3x)	87,9
P-H009	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

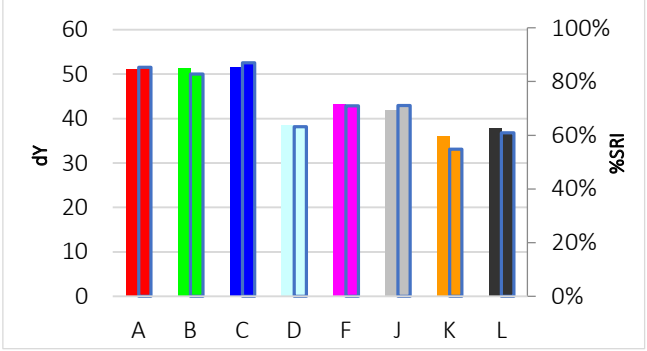


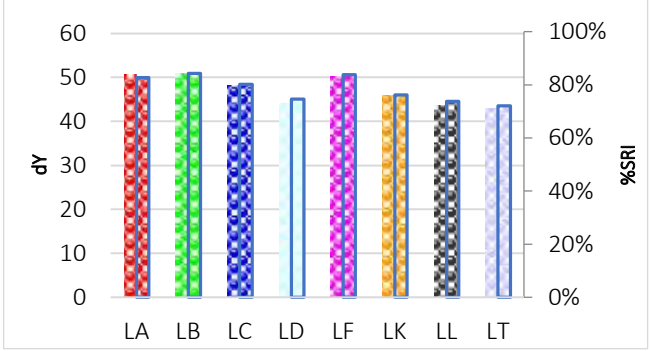


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H010

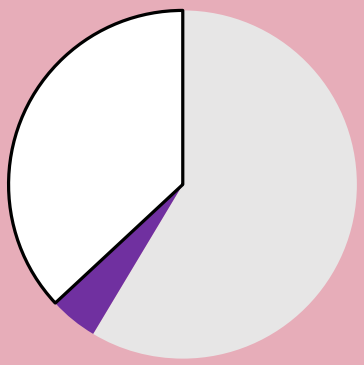
Cocoa with milk

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

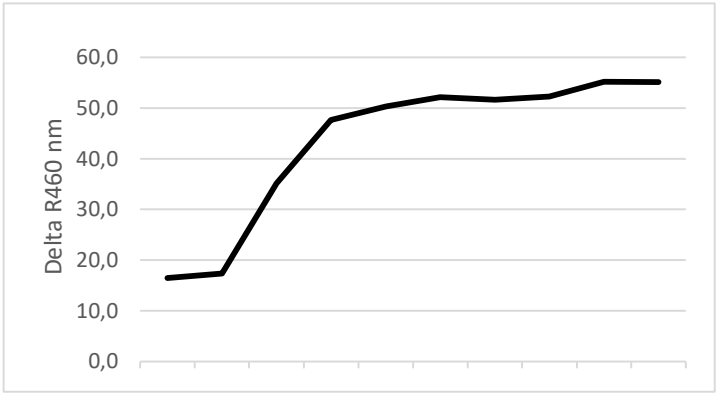
Order Code:	Substrate:	Yu:
C-H010	Woven Cotton (CN-11 w3x)	90,9
KC-H010	Knitted Cotton (CN-42w3x)	94,5

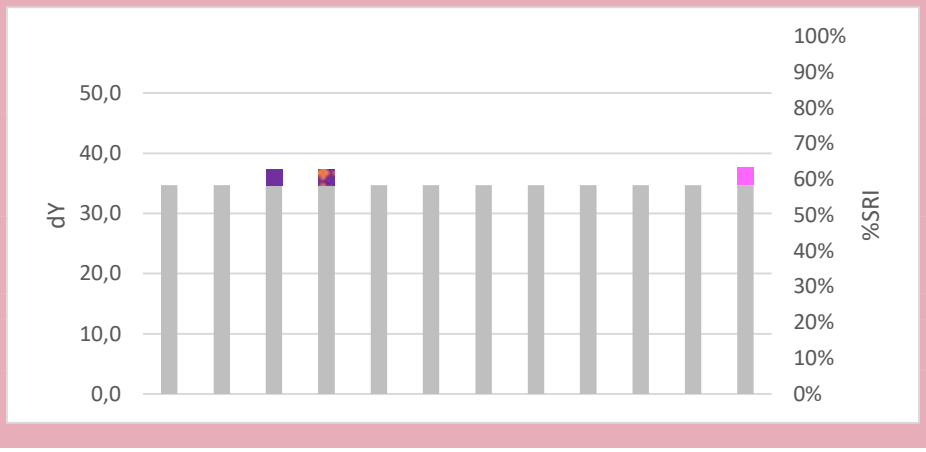
Order Code:	Substrate:	Yu:
PC-H010	Polyester/Cotton (PCN-01w3x)	87,9
P-H010	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

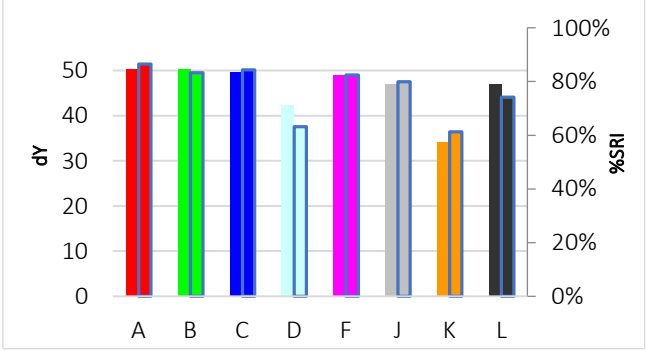


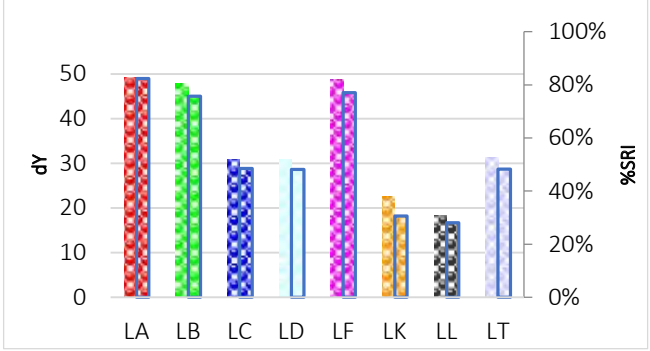


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H011

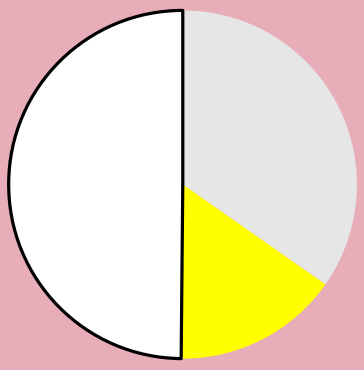
Coffee with milk

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

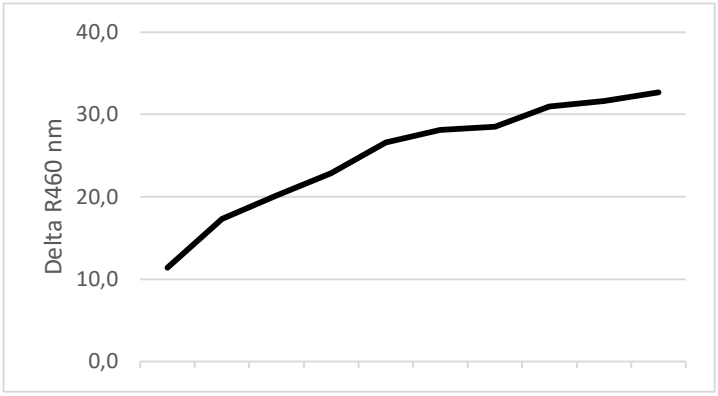
Order Code:	Substrate:	Yu:
C-H011	Woven Cotton (CN-11 w3x)	90,9
KC-H011	Knitted Cotton (CN-42w3x)	94,5

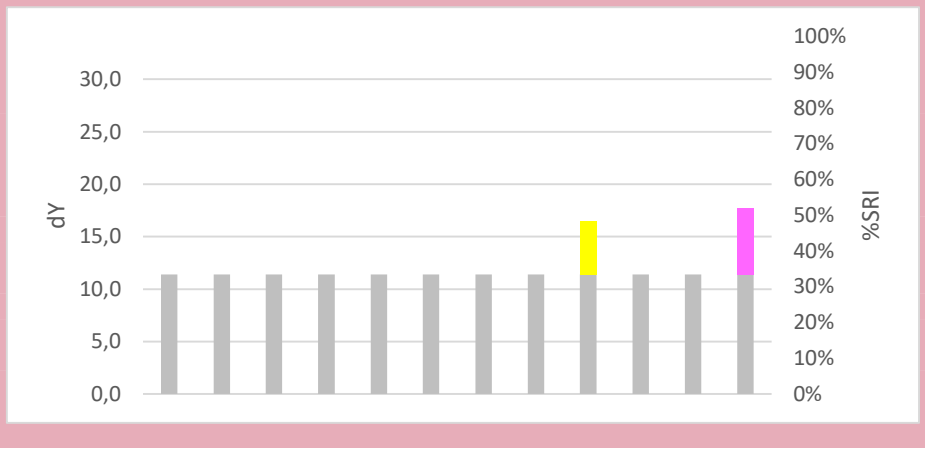
Order Code:	Substrate:	Yu:
PC-H011	Polyester/Cotton (PCN-01w3x)	87,9
P-H011	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

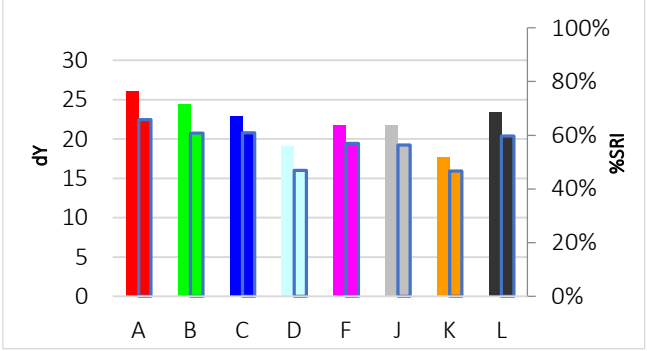


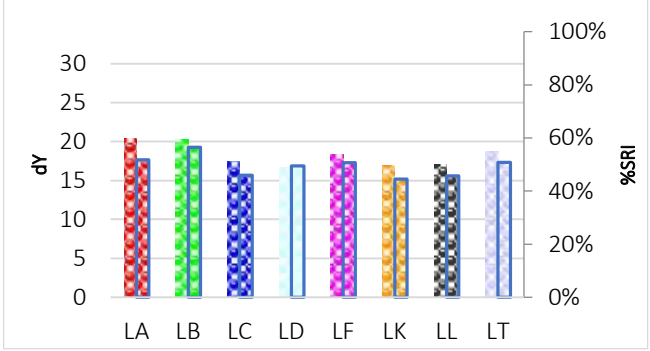


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H012

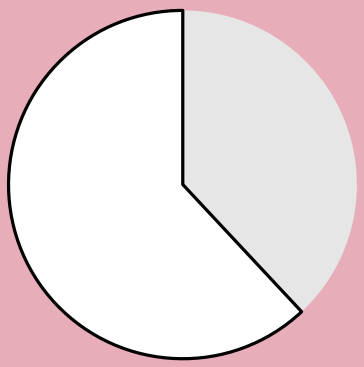
Curry

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★★
Popularity: ★★★★☆

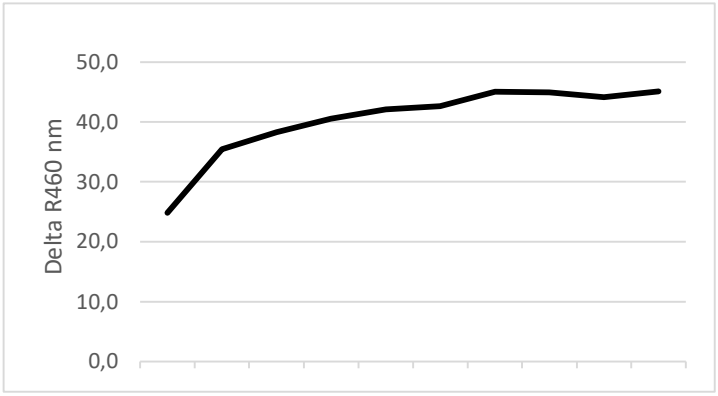
Order Code:	Substrate:	Yu:
C-H012	Woven Cotton (CN-11 w3x)	90,9
KC-H012	Knitted Cotton (CN-42w3x)	94,5

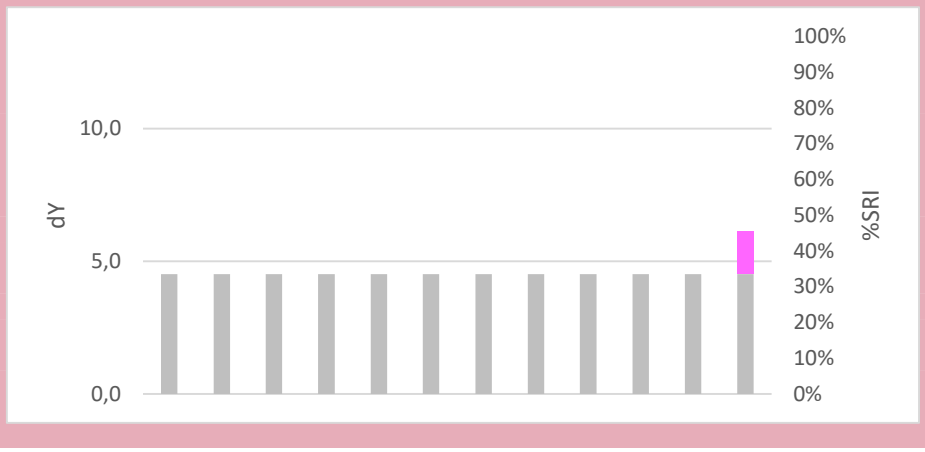
Order Code:	Substrate:	Yu:
PC-H012	Polyester/Cotton (PCN-01w3x)	87,9
P-H012	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

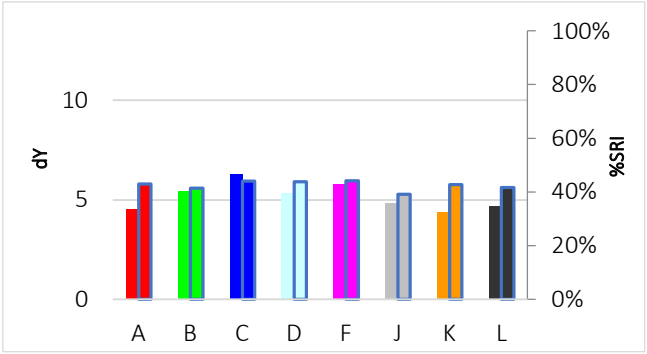


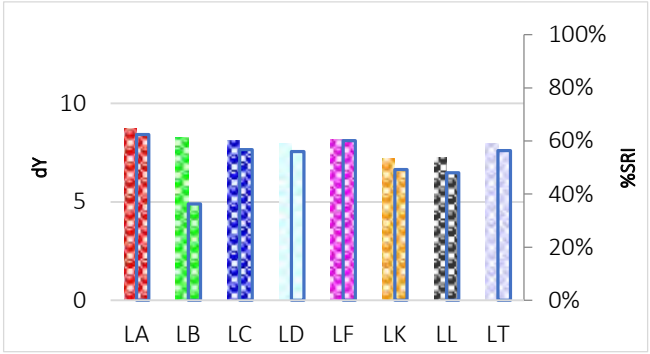


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H013

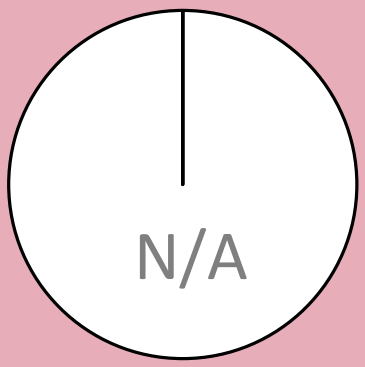
Dirty Motor Oil (DMO)

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

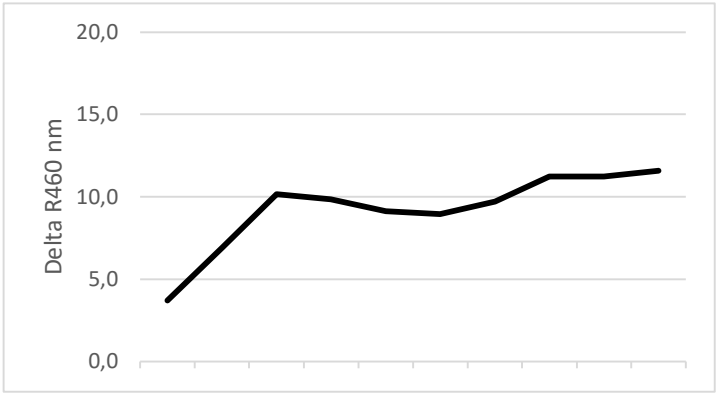
Order Code:	Substrate:	Yu:
C-H013	Woven Cotton (CN-11 w3x)	90,9
KC-H013	Knitted Cotton (CN-42w3x)	94,5

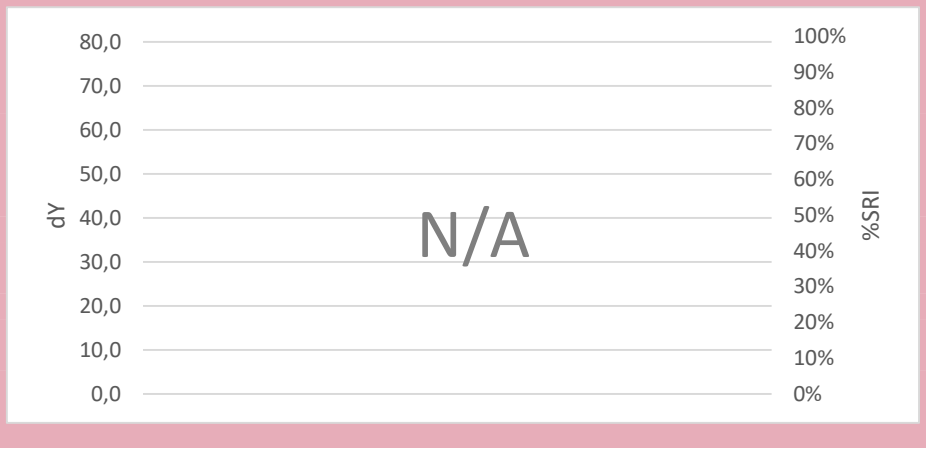
Order Code:	Substrate:	Yu:
PC-H013	Polyester/Cotton (PCN-01w3x)	87,9
P-H013	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

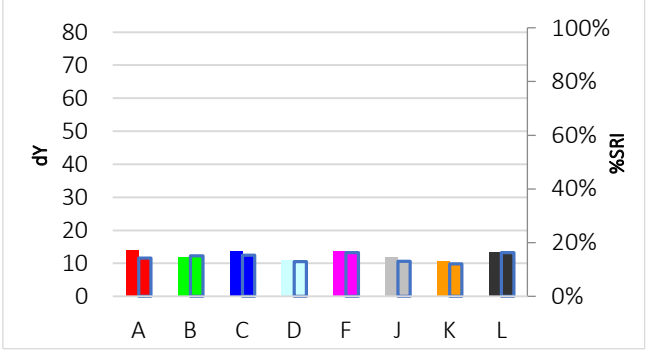


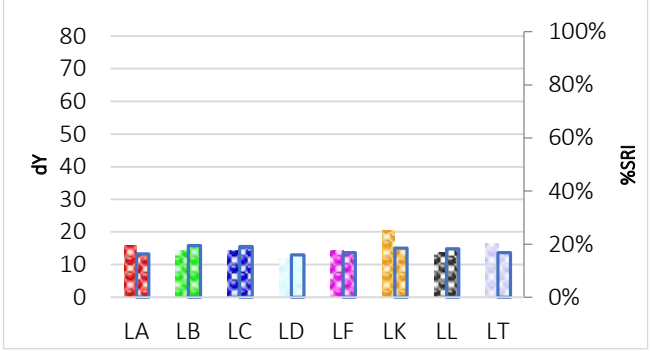


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H014

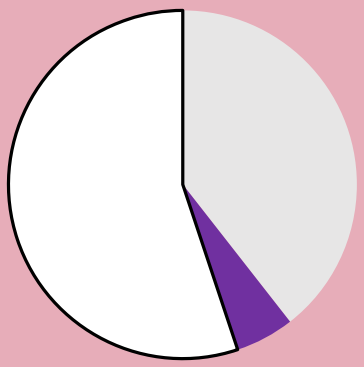
Egg yolk with milk

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★☆☆

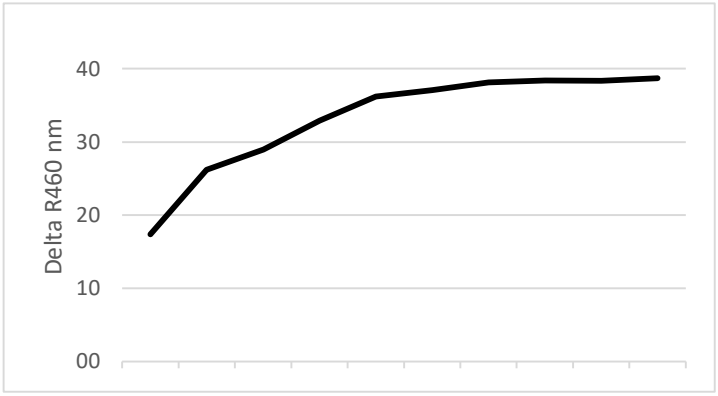
Order Code:	Substrate:	Yu:
C-H014	Woven Cotton (CN-11 w3x)	90,9
KC-H014	Knitted Cotton (CN-42w3x)	94,5

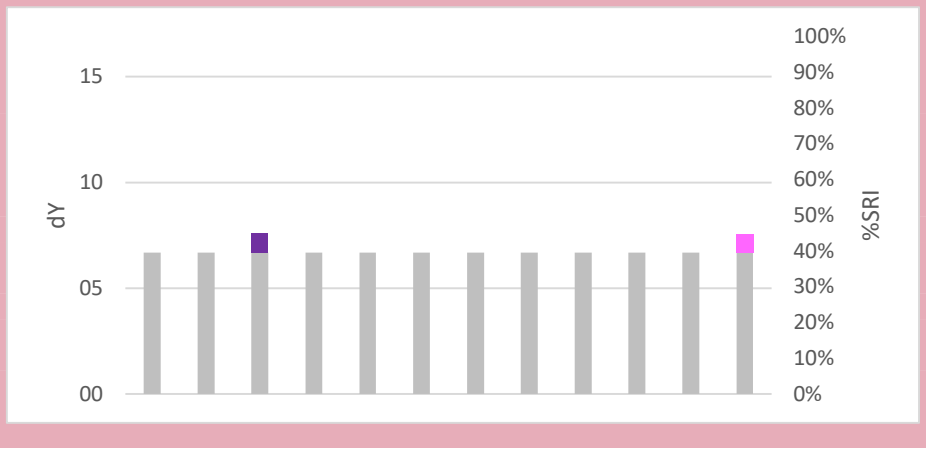
Order Code:	Substrate:	Yu:
PC-H014	Polyester/Cotton (PCN-01w3x)	87,9
P-H014	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

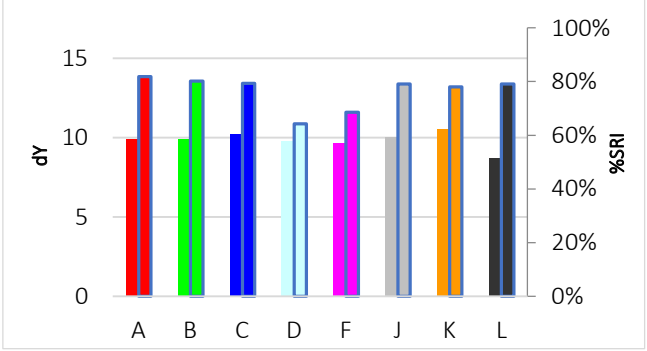


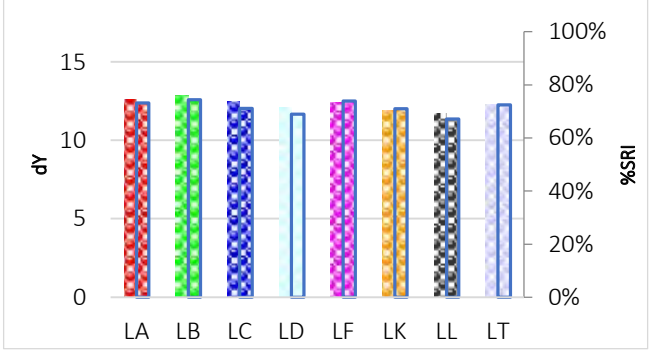


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H015

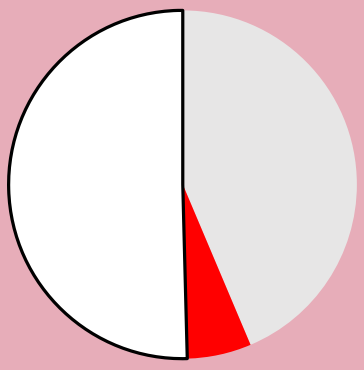
Frying fat, used

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

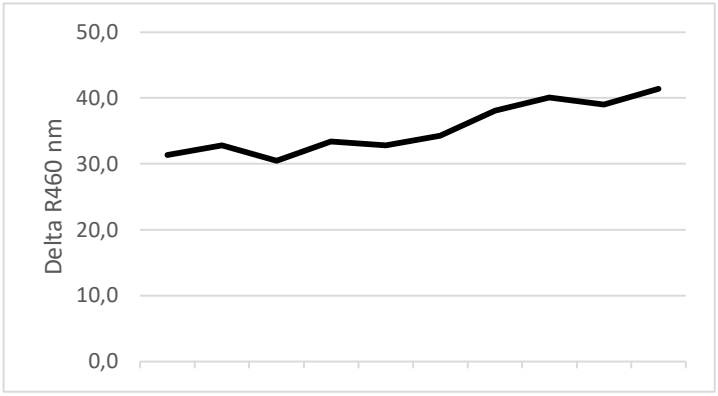
Order Code:	Substrate:	Yu:
C-H015	Woven Cotton (CN-11 w3x)	90,9
KC-H015	Knitted Cotton (CN-42w3x)	94,5

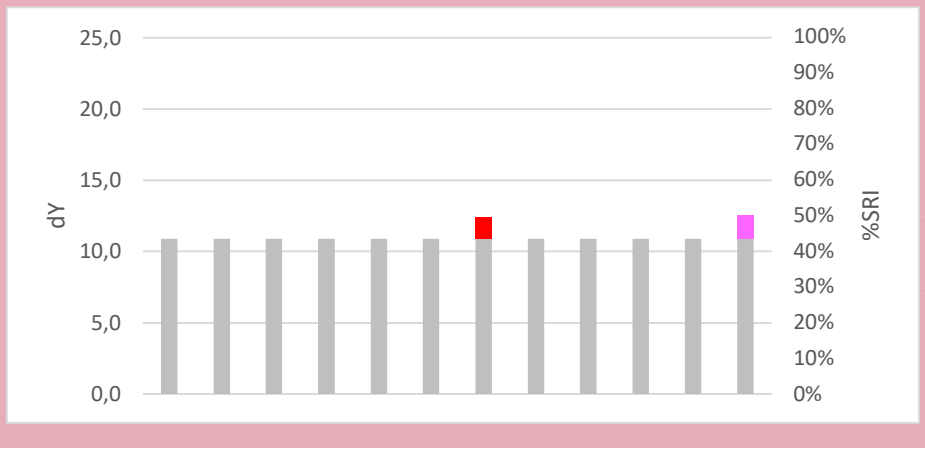
Order Code:	Substrate:	Yu:
PC-H015	Polyester/Cotton (PCN-01w3x)	87,9
P-H015	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

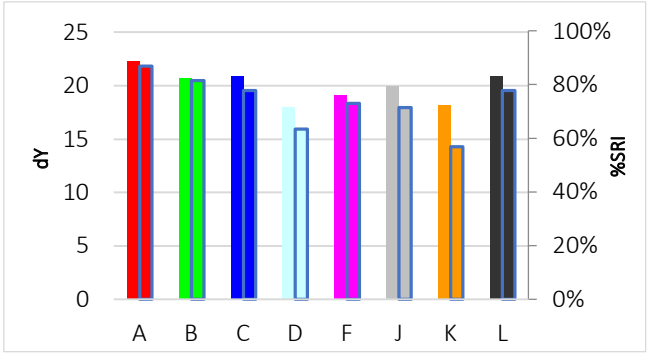


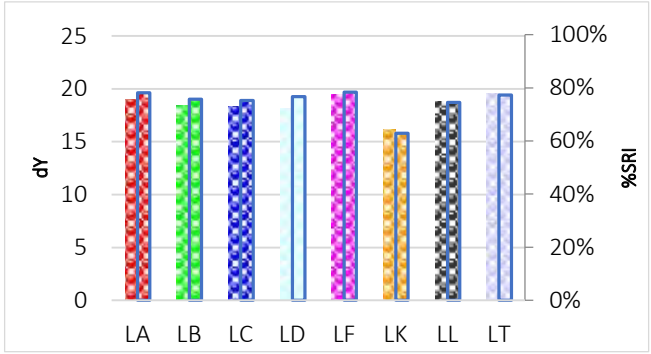


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H016

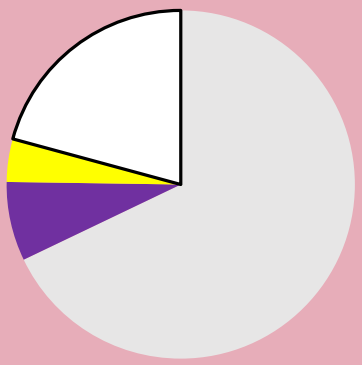
Grass

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

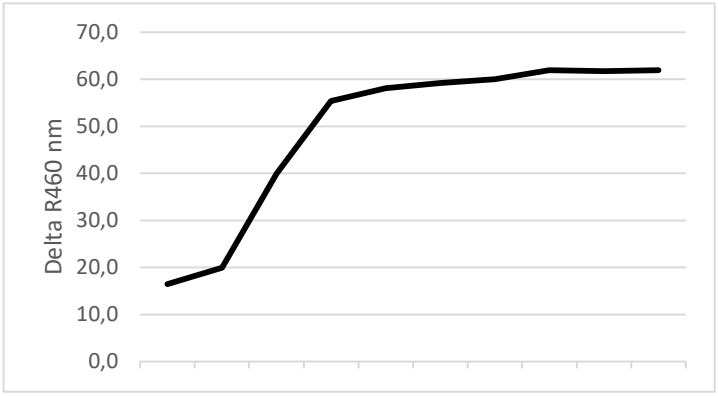
Order Code:	Substrate:	Yu:
C-H016	Woven Cotton (CN-11 w3x)	90,9
KC-H016	Knitted Cotton (CN-42w3x)	94,5

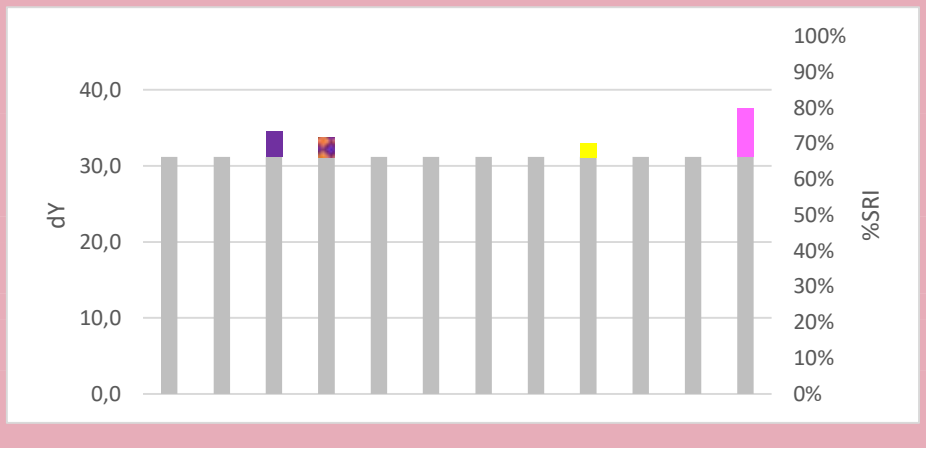
Order Code:	Substrate:	Yu:
PC-H016	Polyester/Cotton (PCN-01w3x)	87,9
P-H016	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

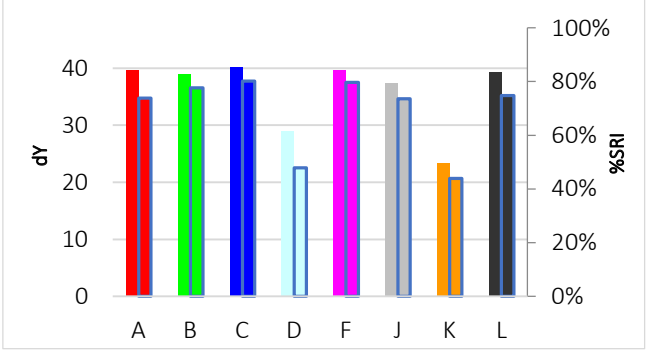


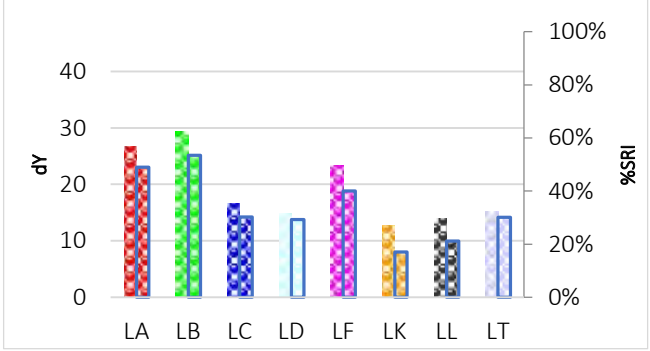


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H017

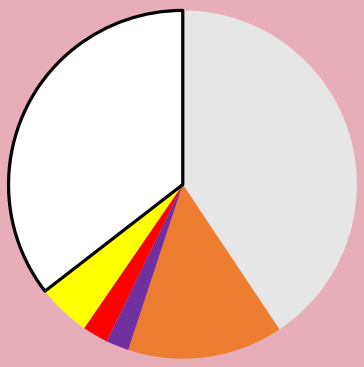
Gravy from meat

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

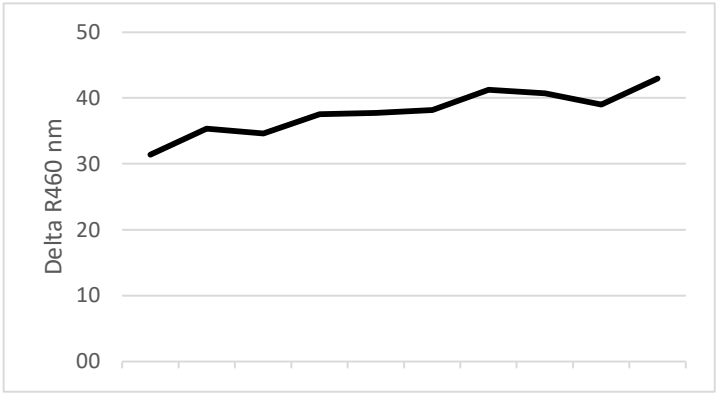
Order Code:	Substrate:	Yu:
C-H017	Woven Cotton (CN-11 w3x)	90,9
KC-H017	Knitted Cotton (CN-42w3x)	94,5

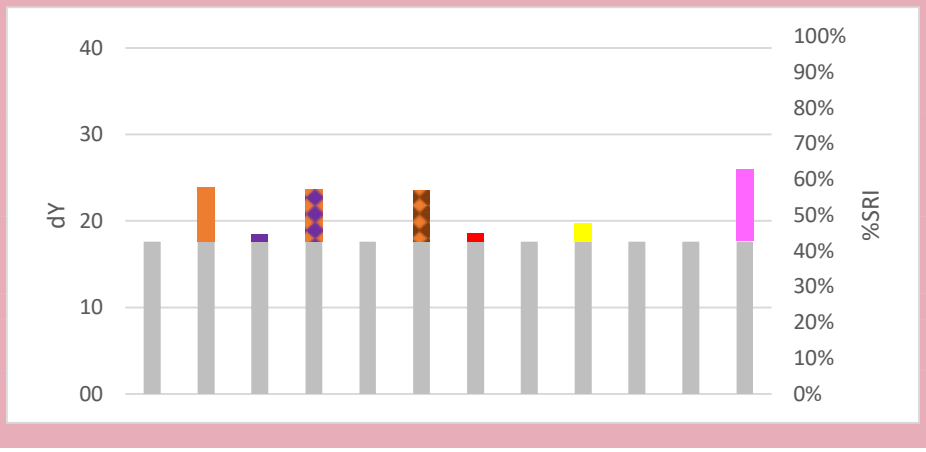
Order Code:	Substrate:	Yu:
PC-H017	Polyester/Cotton (PCN-01w3x)	87,9
P-H017	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

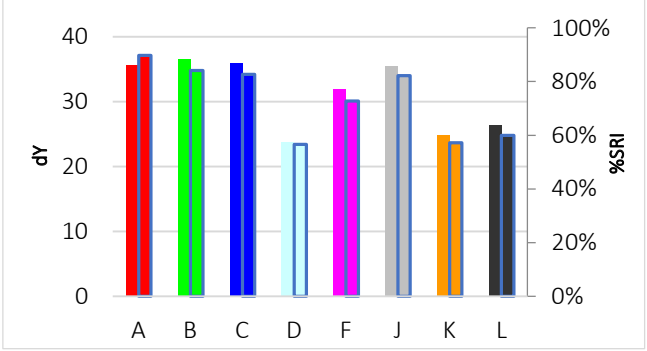


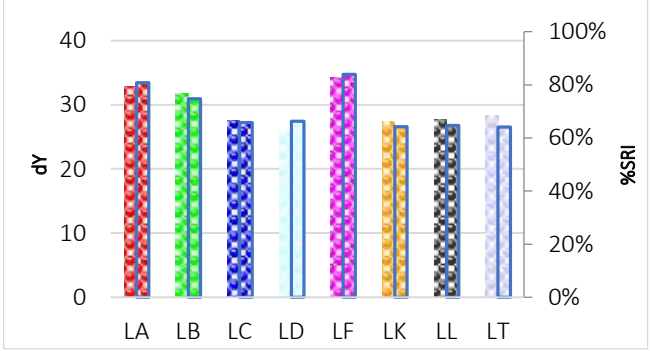


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H018

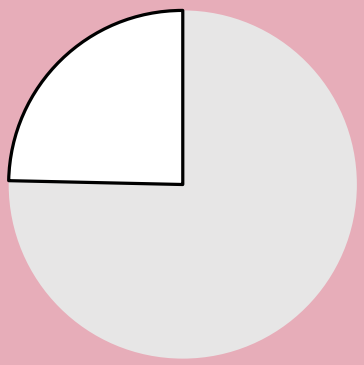
Clay, ground soil

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★☆☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

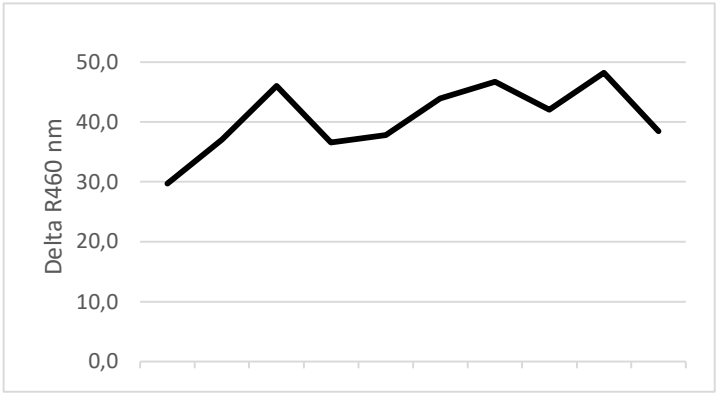
Order Code:	Substrate:	Yu:
C-H018	Woven Cotton (CN-11 w3x)	90,9
KC-H018	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H018	Polyester/Cotton (PCN-01w3x)	87,9
P-H018	Polyester (PN-01 w3x)	86,5

Detergent Component Response



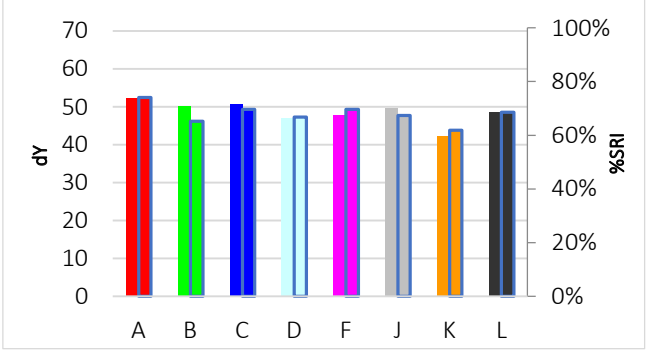
Detergent Dosage/Response & QC

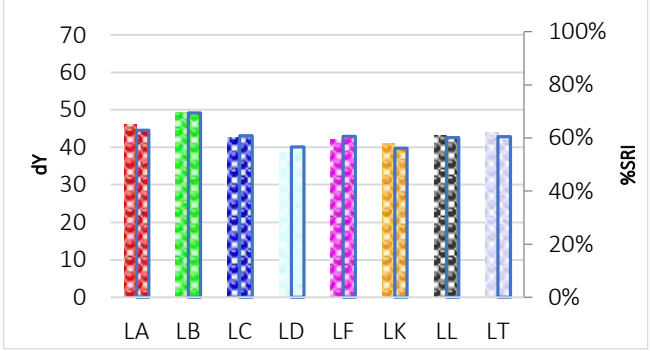


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H019

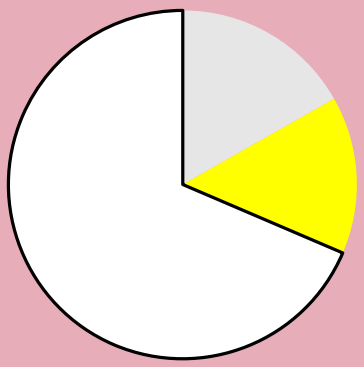
Ice tea

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

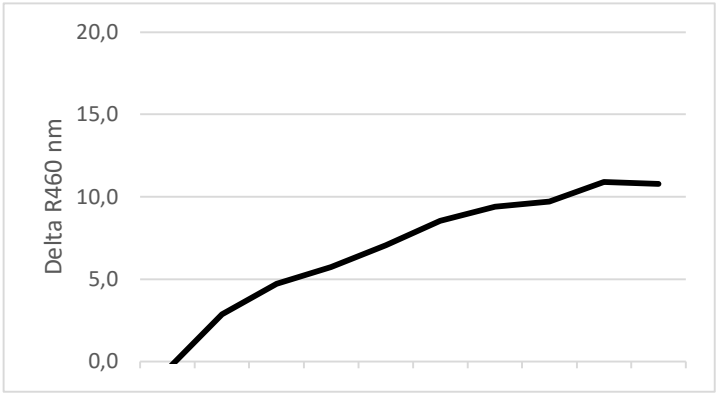
Order Code:	Substrate:	Yu:
C-H019	Woven Cotton (CN-11 w3x)	90,9
KC-H019	Knitted Cotton (CN-42w3x)	94,5

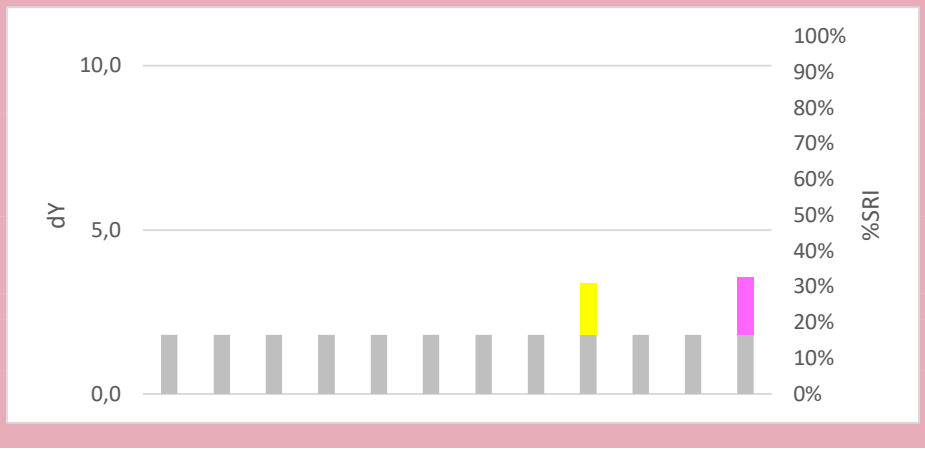
Order Code:	Substrate:	Yu:
PC-H019	Polyester/Cotton (PCN-01w3x)	87,9
P-H019	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

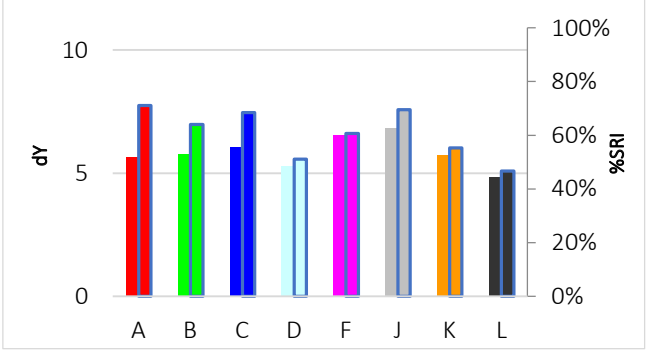


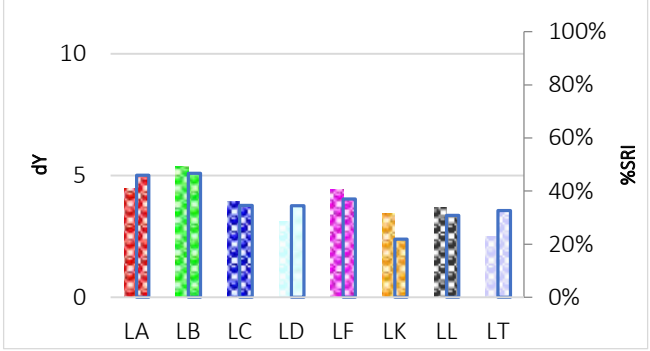


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H021

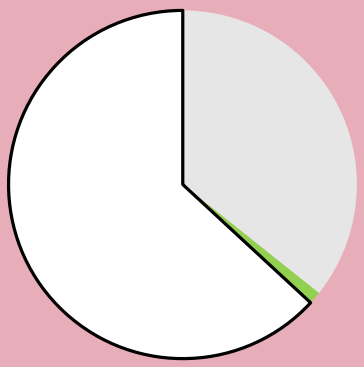
Lipstick

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

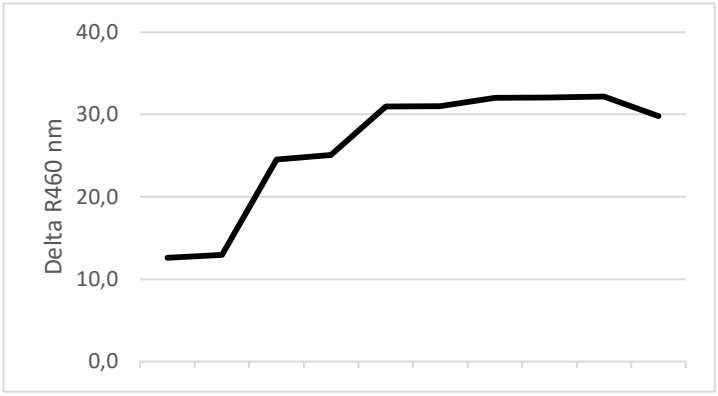
Order Code:	Substrate:	Yu:
C-H021	Woven Cotton (CN-11 w3x)	90,9
KC-H021	Knitted Cotton (CN-42w3x)	94,5

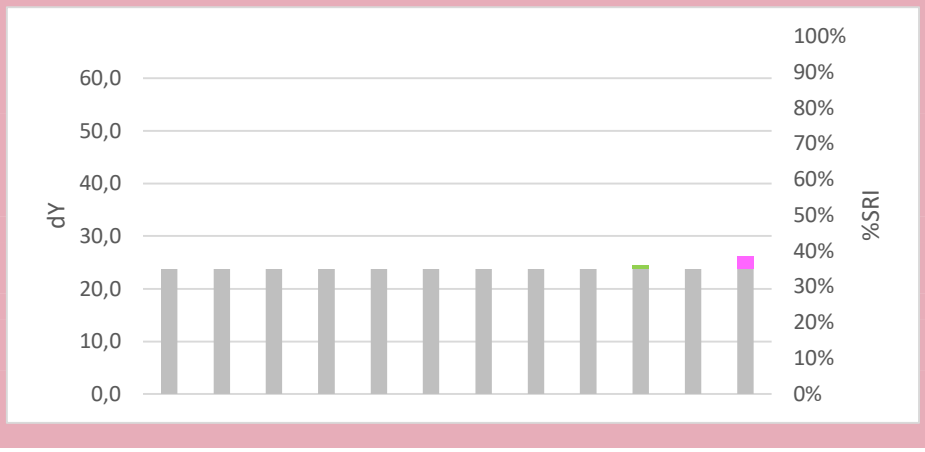
Order Code:	Substrate:	Yu:
PC-H021	Polyester/Cotton (PCN-01w3x)	87,9
P-H021	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

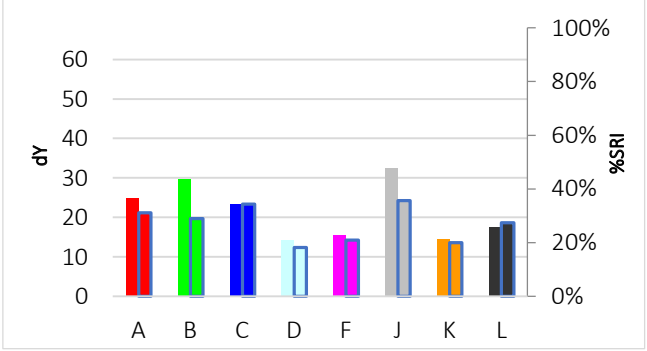


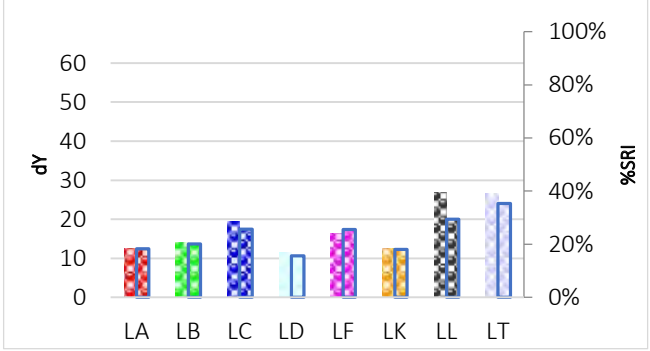


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H022

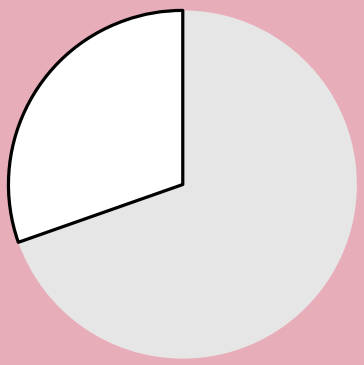
Make-up

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

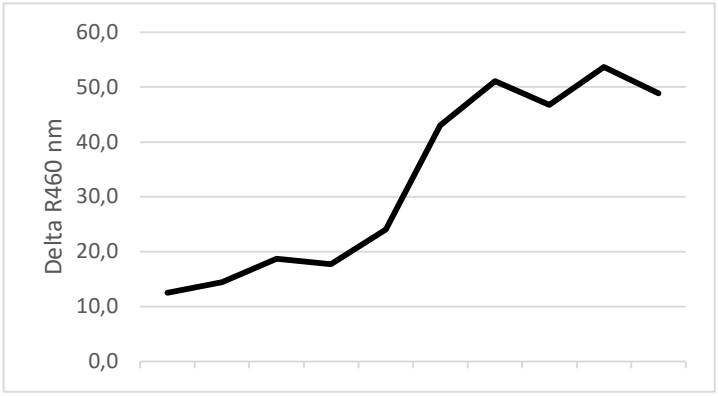
Order Code:	Substrate:	Yu:
C-H022	Woven Cotton (CN-11 w3x)	90,9
KC-H022	Knitted Cotton (CN-42w3x)	94,5

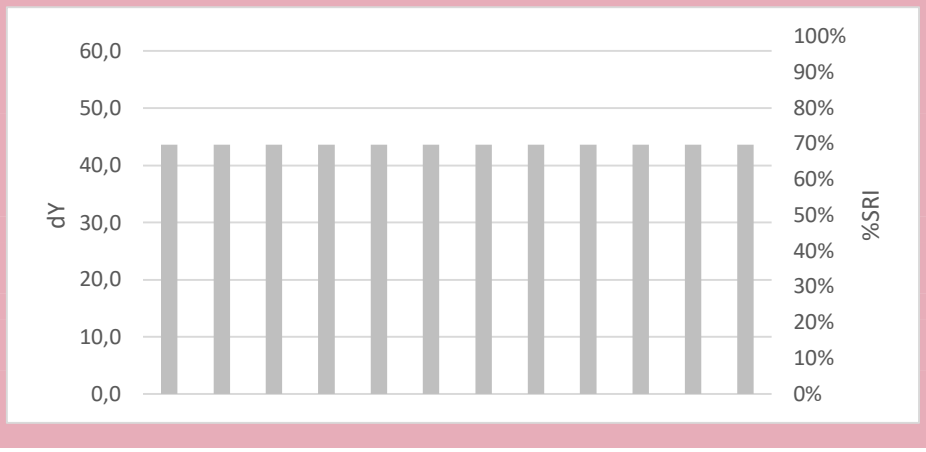
Order Code:	Substrate:	Yu:
PC-H022	Polyester/Cotton (PCN-01w3x)	87,9
P-H022	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

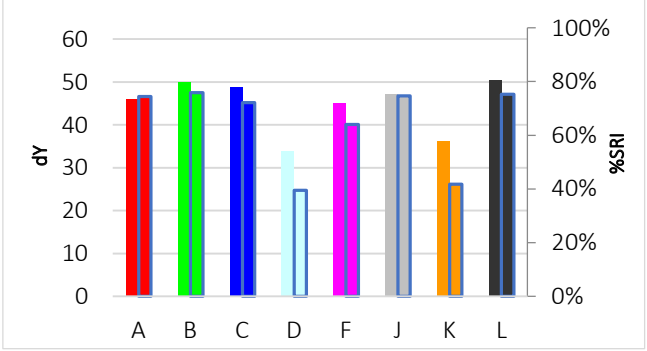


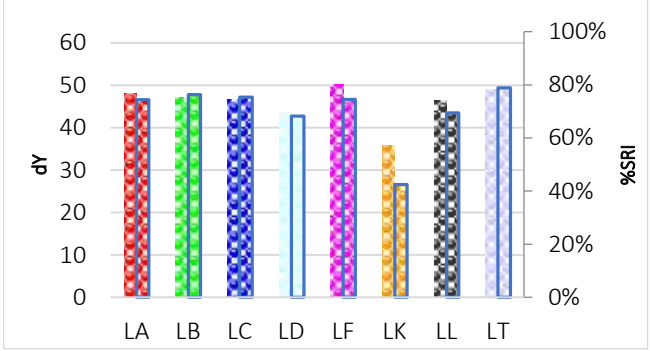


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H023

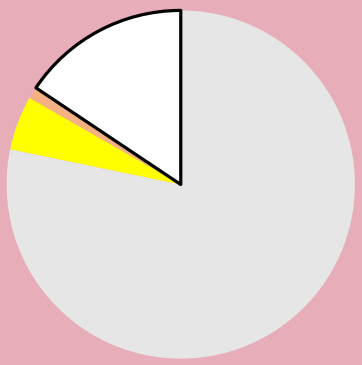
Cherry, pure concentrate

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★★
Popularity: ★★★★★

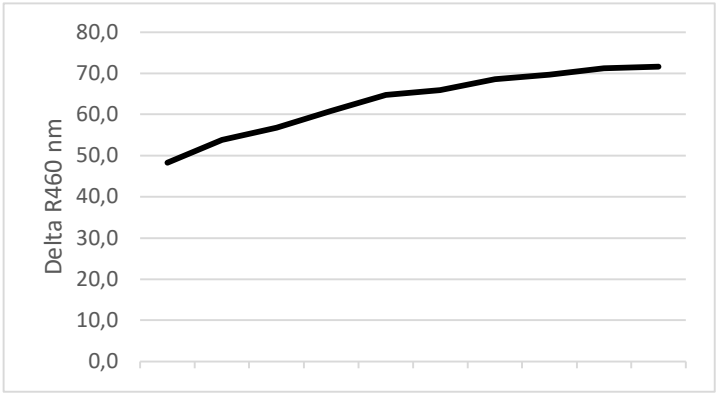
Order Code:	Substrate:	Yu:
C-H023	Woven Cotton (CN-11 w3x)	90,9
KC-H023	Knitted Cotton (CN-42w3x)	94,5

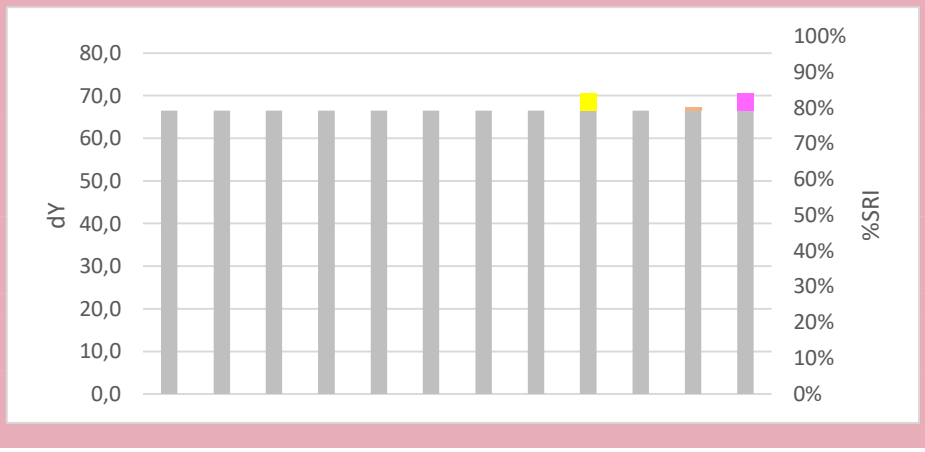
Order Code:	Substrate:	Yu:
PC-H023	Polyester/Cotton (PCN-01w3x)	87,9
P-H023	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

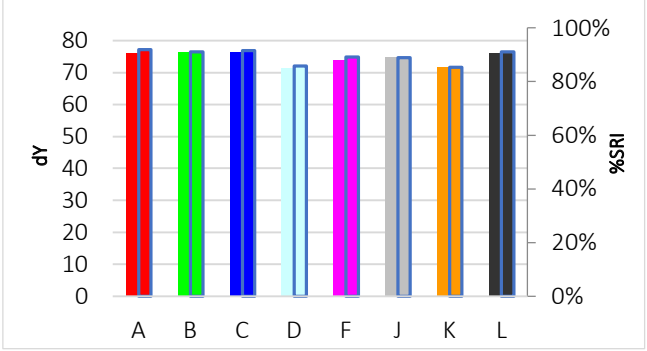


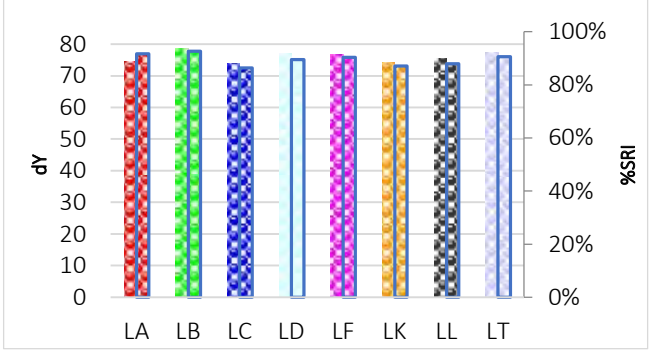


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H024

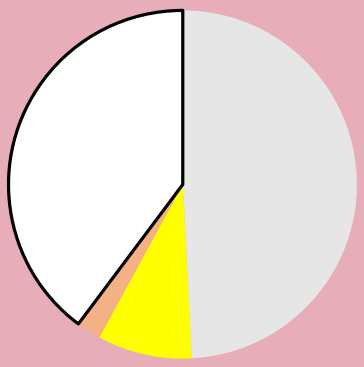
Cherry juice

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

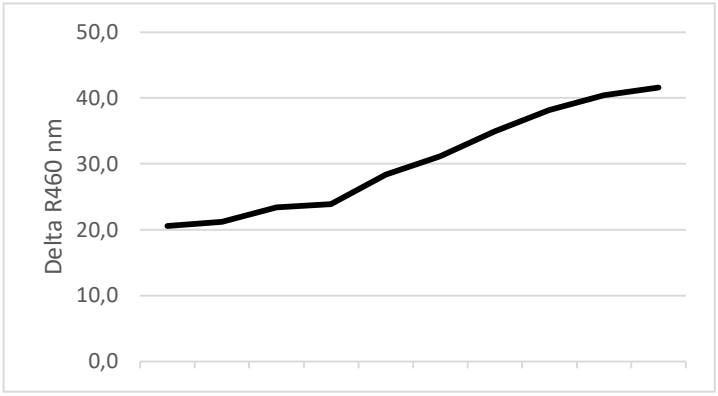
Order Code:	Substrate:	Yu:
C-H024	Woven Cotton (CN-11 w3x)	90,9
KC-H024	Knitted Cotton (CN-42w3x)	94,5

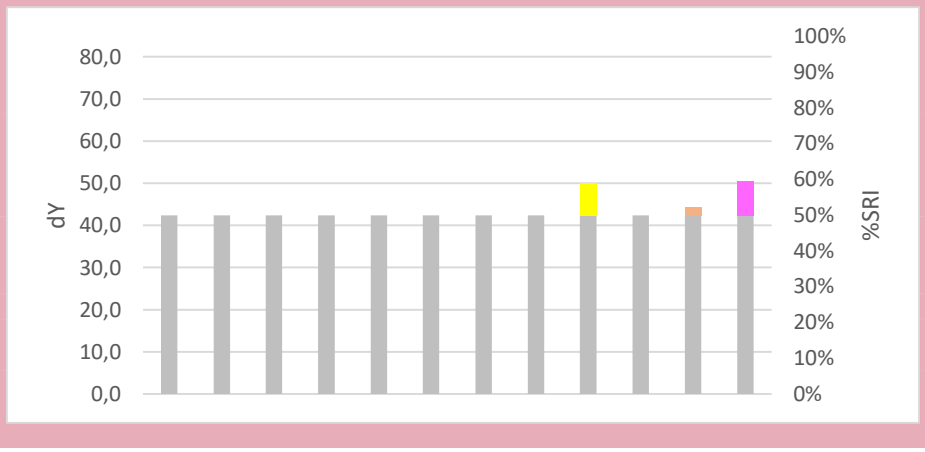
Order Code:	Substrate:	Yu:
PC-H024	Polyester/Cotton (PCN-01w3x)	87,9
P-H024	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

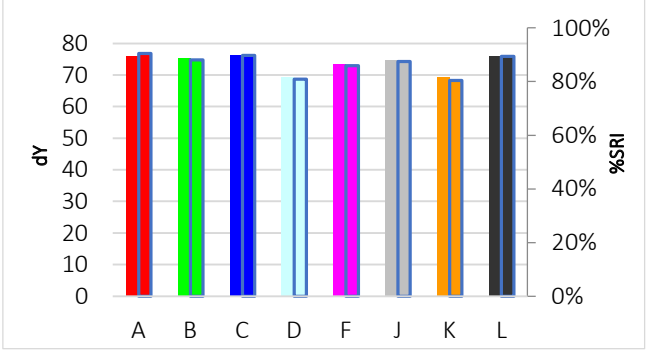


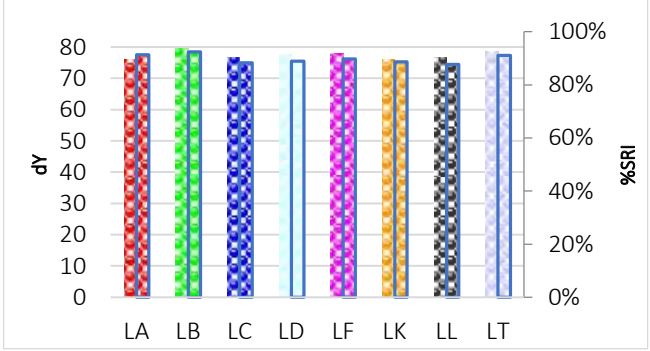


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H025

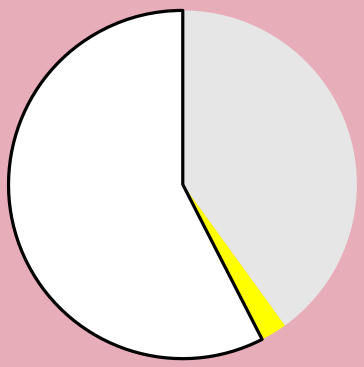
Peach juice

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

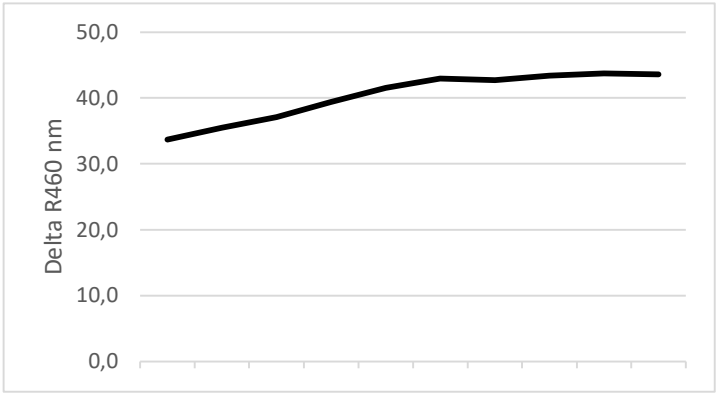
Order Code:	Substrate:	Yu:
C-H025	Woven Cotton (CN-11 w3x)	90,9
KC-H025	Knitted Cotton (CN-42w3x)	94,5

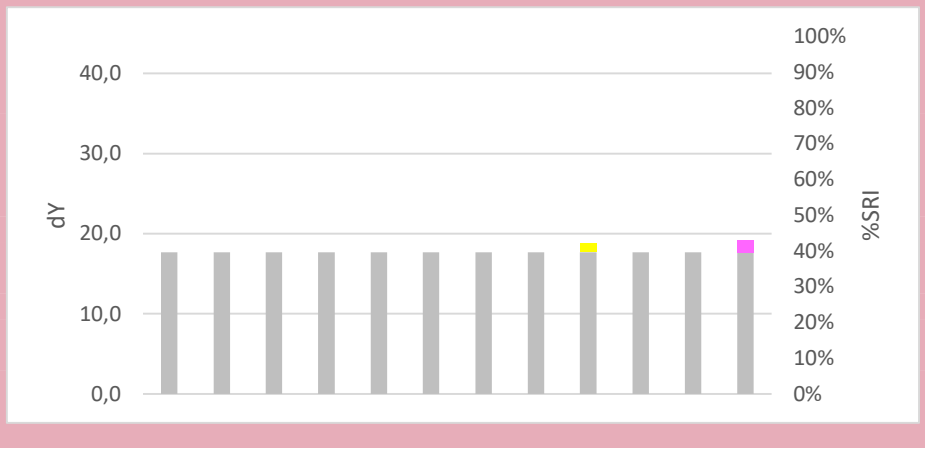
Order Code:	Substrate:	Yu:
PC-H025	Polyester/Cotton (PCN-01w3x)	87,9
P-H025	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

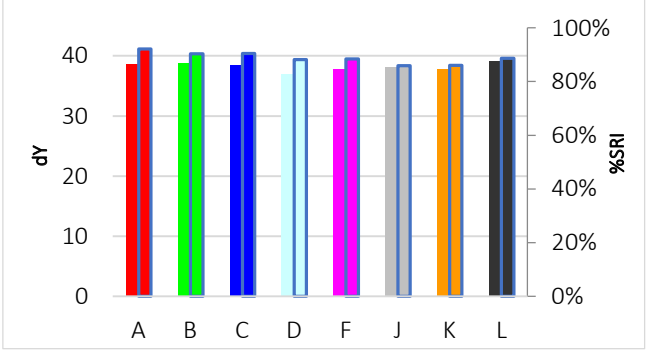


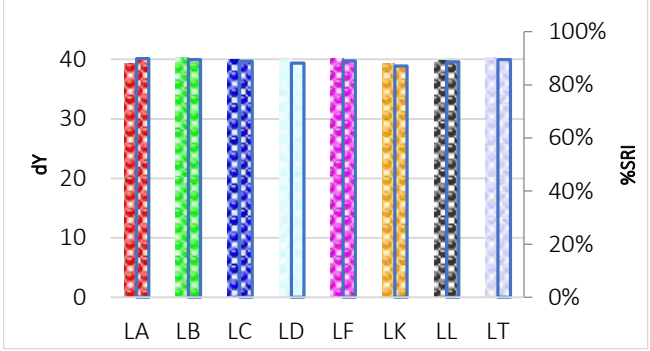


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H026

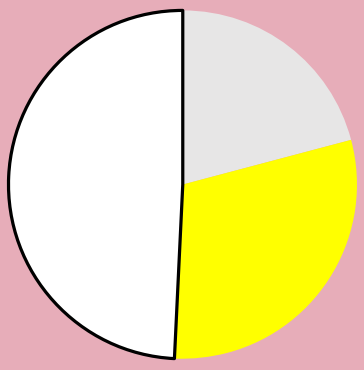
Red wine

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

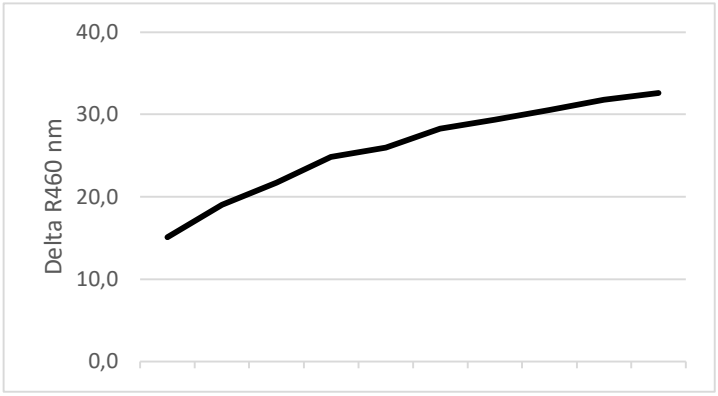
Order Code:	Substrate:	Yu:
C-H026	Woven Cotton (CN-11 w3x)	90,9
KC-H026	Knitted Cotton (CN-42w3x)	94,5

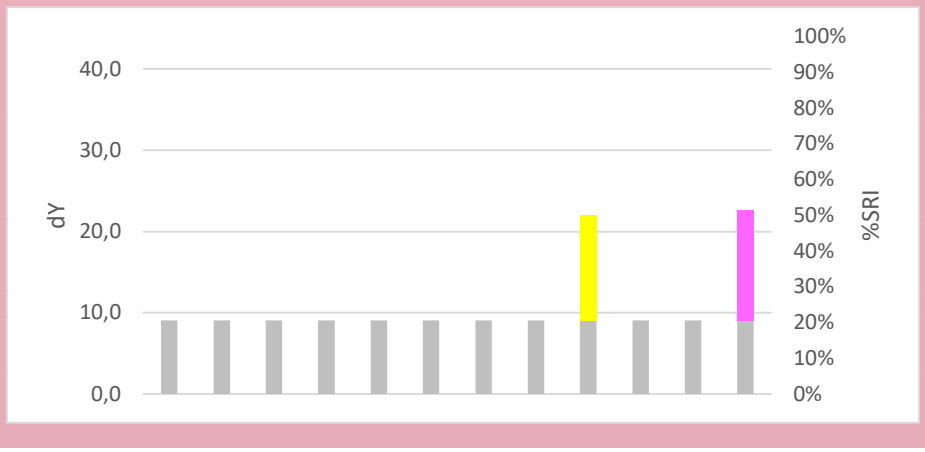
Order Code:	Substrate:	Yu:
PC-H026	Polyester/Cotton (PCN-01w3x)	87,9
P-H026	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

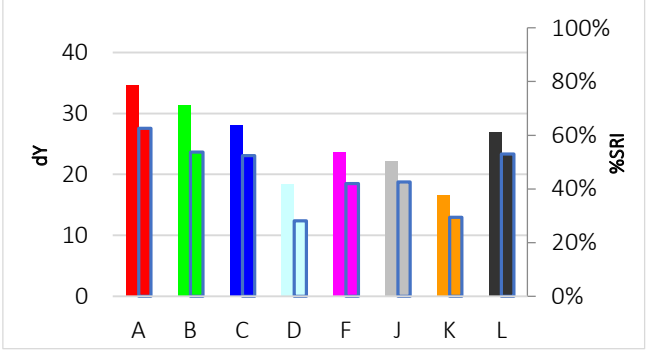


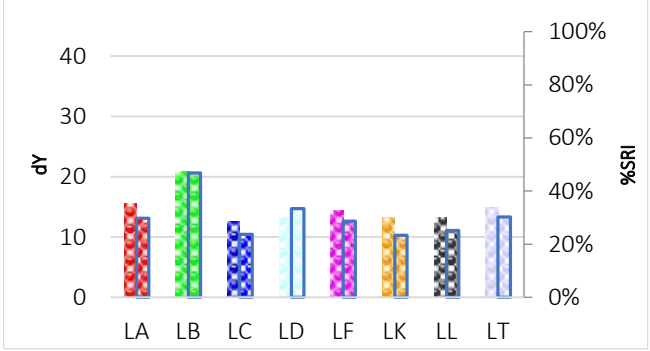


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H027

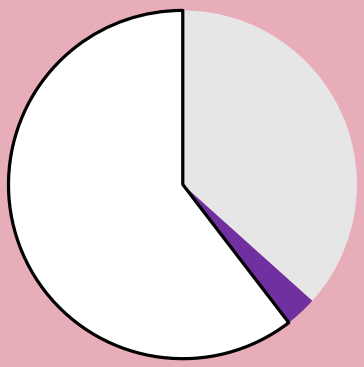
Spinach, deep frozen

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

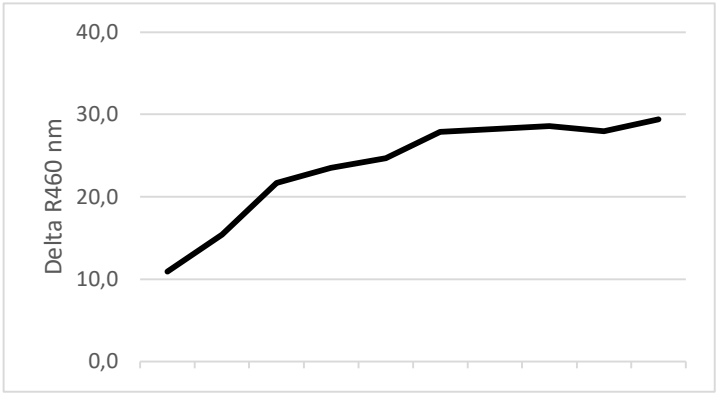
Order Code:	Substrate:	Yu:
C-H027	Woven Cotton (CN-11 w3x)	90,9
KC-H027	Knitted Cotton (CN-42w3x)	94,5

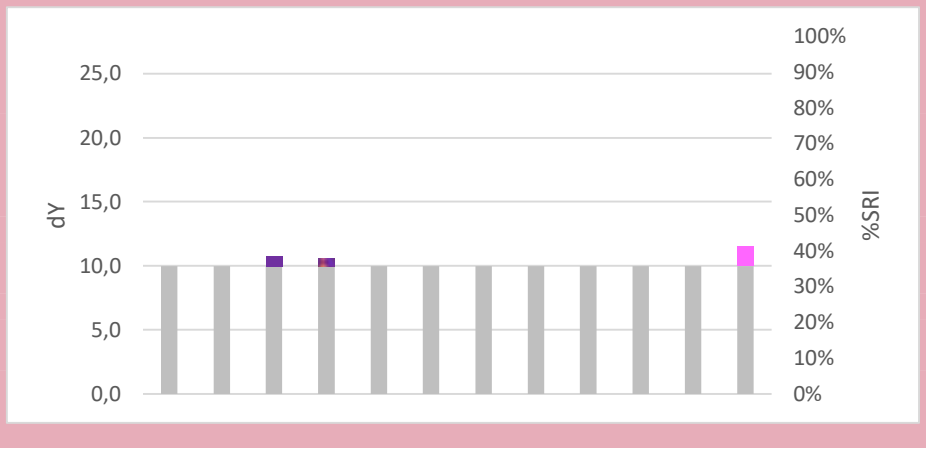
Order Code:	Substrate:	Yu:
PC-H027	Polyester/Cotton (PCN-01w3x)	87,9
P-H027	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

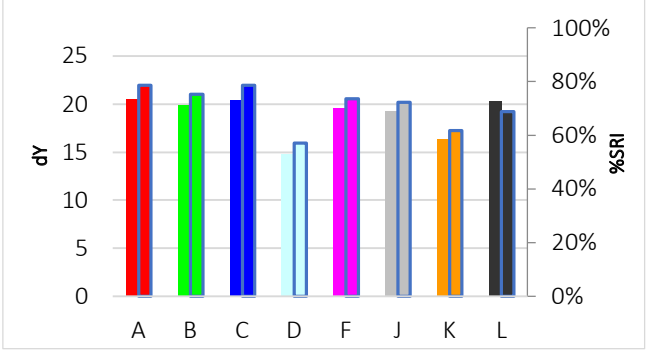


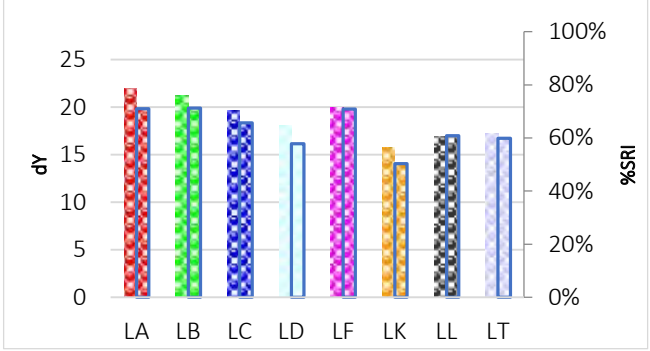


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H028

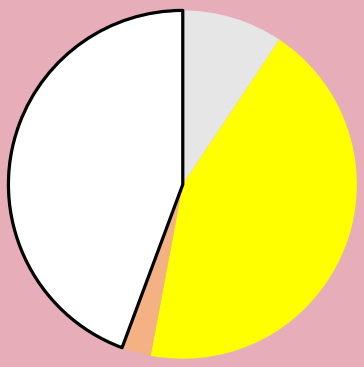
Tea

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

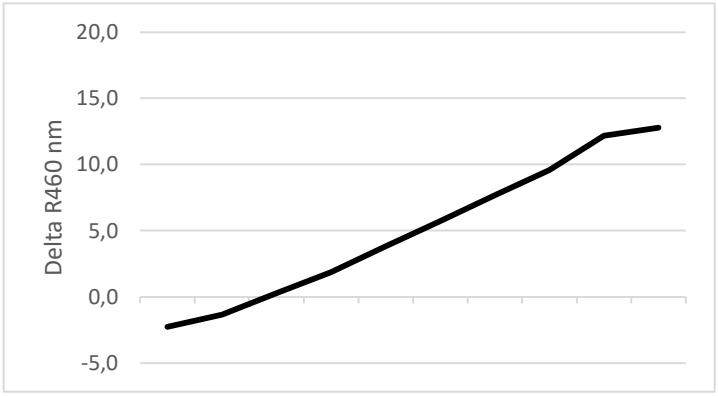
Order Code:	Substrate:	Yu:
C-H028	Woven Cotton (CN-11 w3x)	90,9
KC-H028	Knitted Cotton (CN-42w3x)	94,5

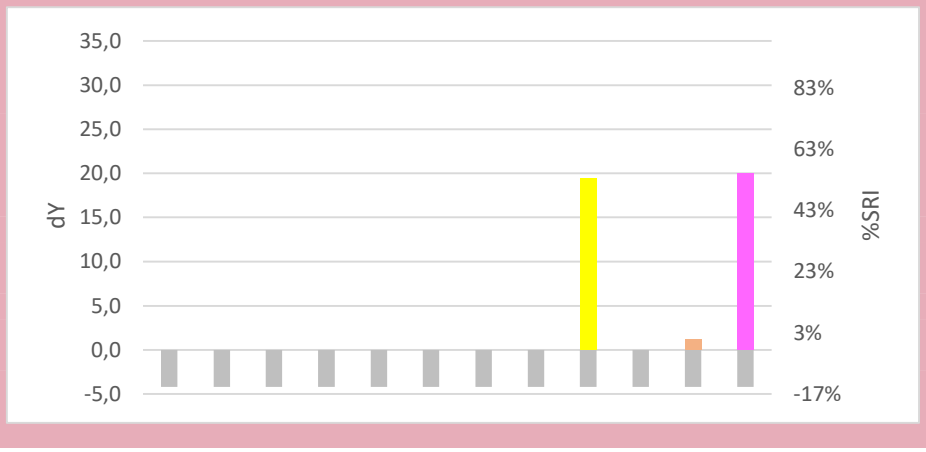
Order Code:	Substrate:	Yu:
PC-H028	Polyester/Cotton (PCN-01w3x)	87,9
P-H028	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

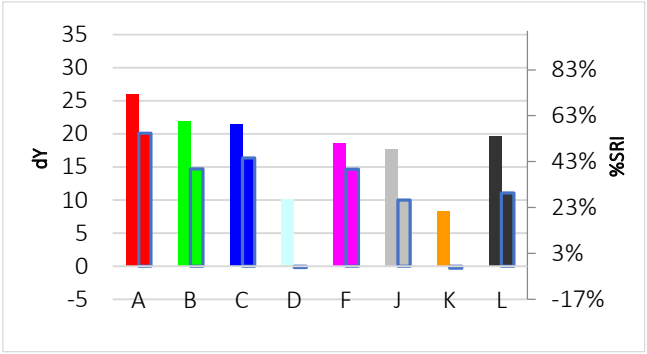


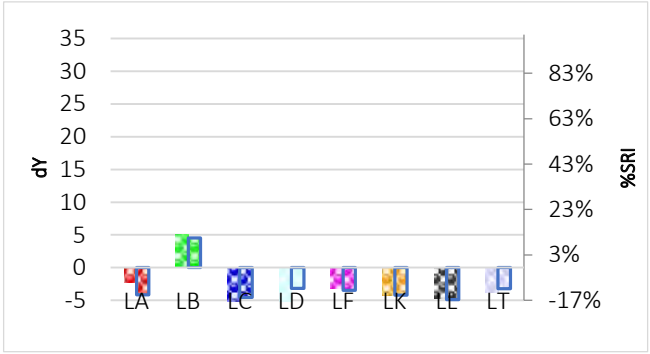


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H029

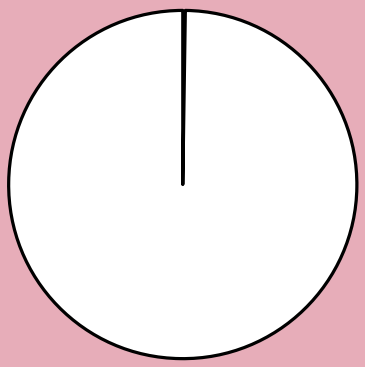
Tristearine

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★☆☆☆☆
Reliability Ratio: ★★★☆☆
Popularity: ★☆☆☆☆

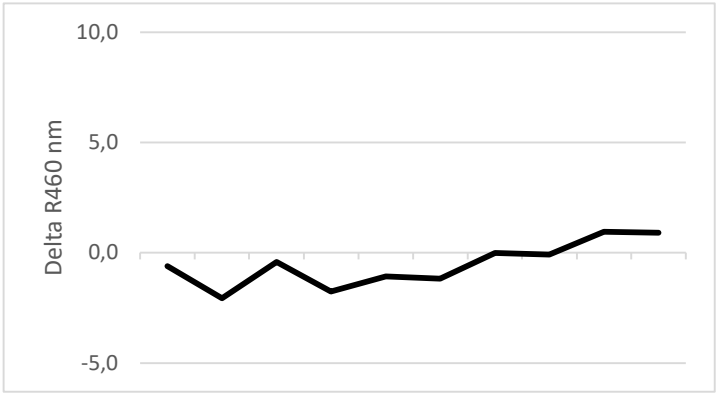
Order Code:	Substrate:	Yu:
C-H029	Woven Cotton (CN-11 w3x)	90,9
KC-H029	Knitted Cotton (CN-42w3x)	94,5

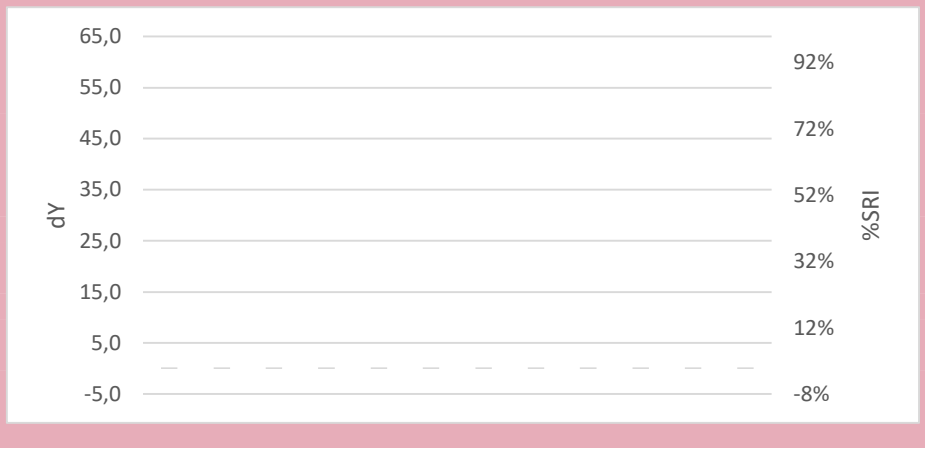
Order Code:	Substrate:	Yu:
PC-H029	Polyester/Cotton (PCN-01w3x)	87,9
P-H029	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

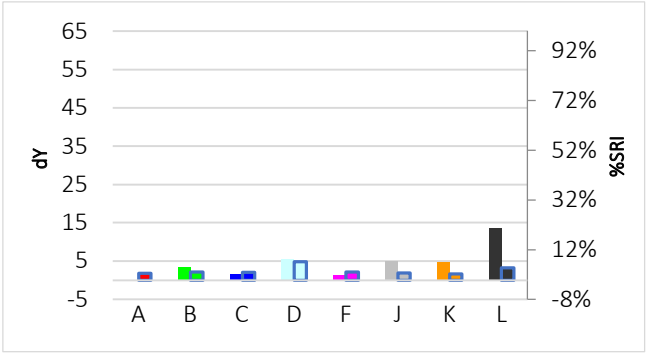


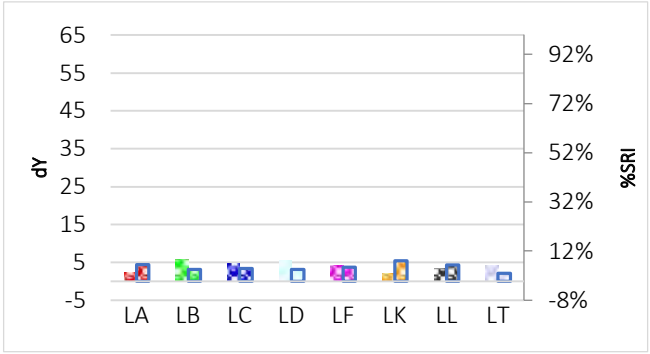


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H030

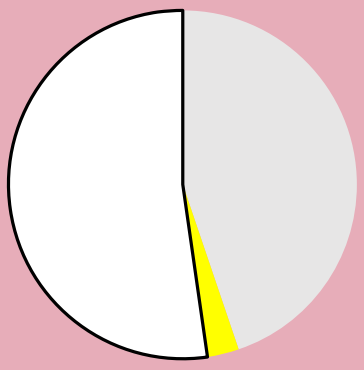
Spaghetti sauce

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

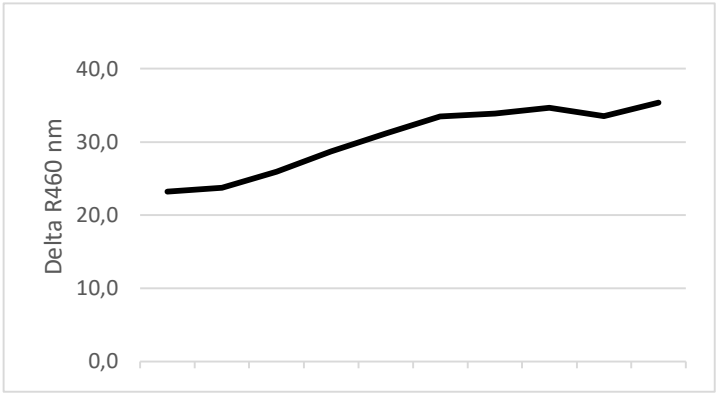
Order Code:	Substrate:	Yu:
C-H030	Woven Cotton (CN-11 w3x)	90,9
KC-H030	Knitted Cotton (CN-42w3x)	94,5

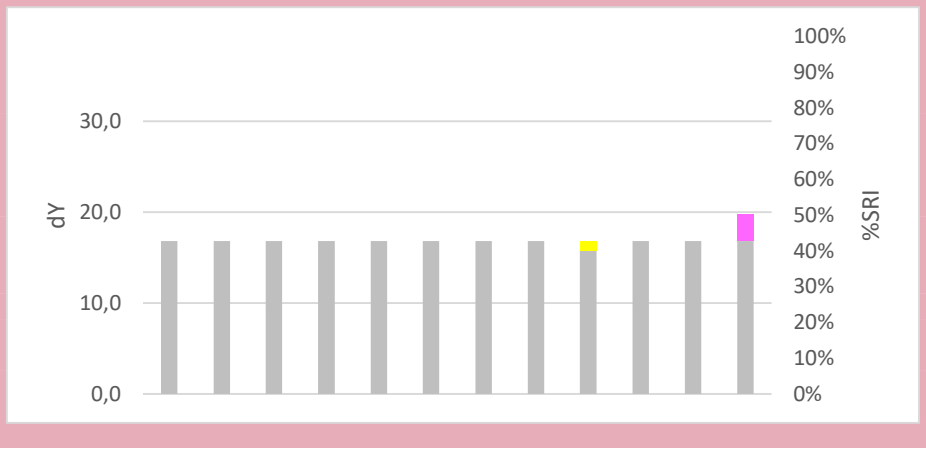
Order Code:	Substrate:	Yu:
PC-H030	Polyester/Cotton (PCN-01w3x)	87,9
P-H030	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

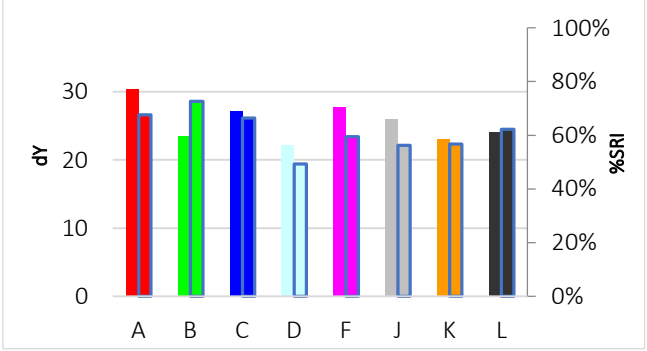


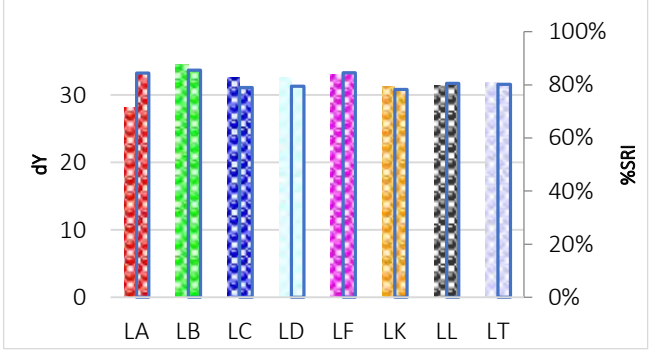


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H031

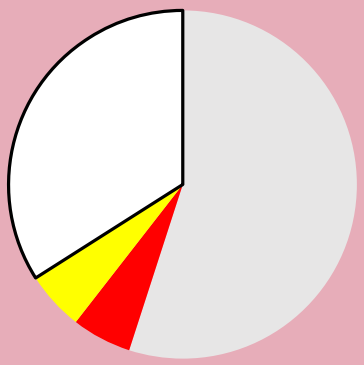
Mustard, French

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

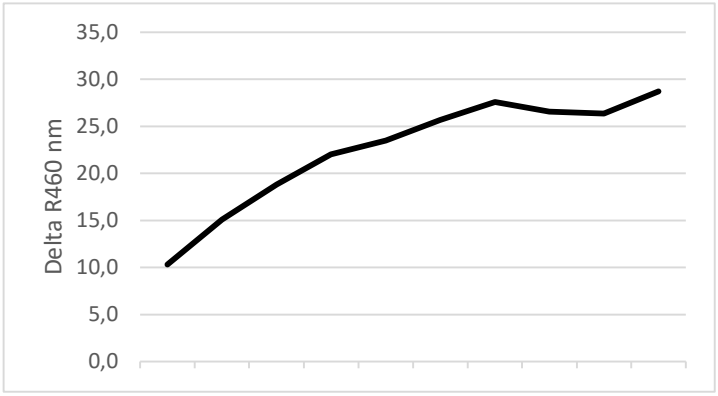
Order Code:	Substrate:	Yu:
C-H031	Woven Cotton (CN-11 w3x)	90,9
KC-H031	Knitted Cotton (CN-42w3x)	94,5

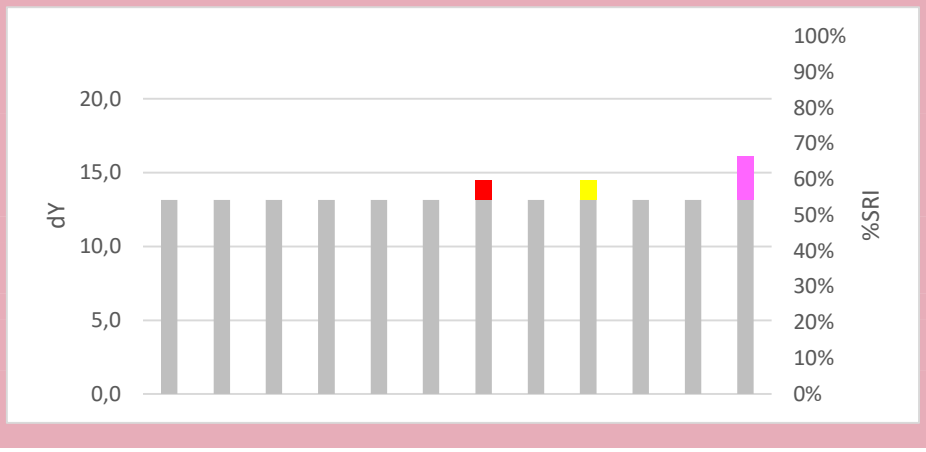
Order Code:	Substrate:	Yu:
PC-H031	Polyester/Cotton (PCN-01w3x)	87,9
P-H031	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

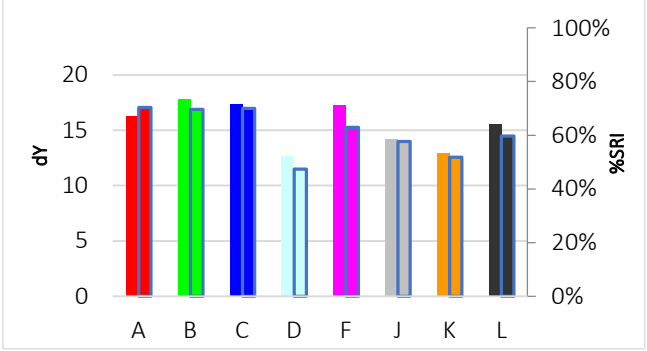


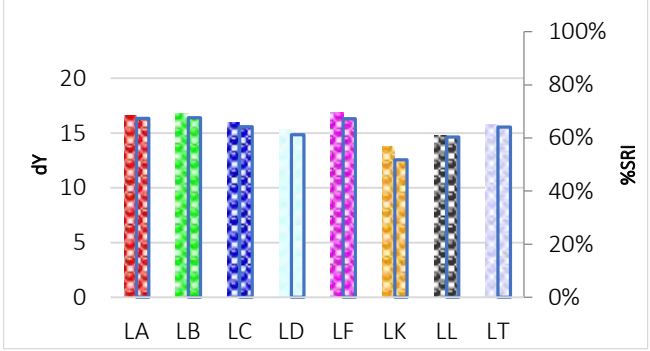


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H032

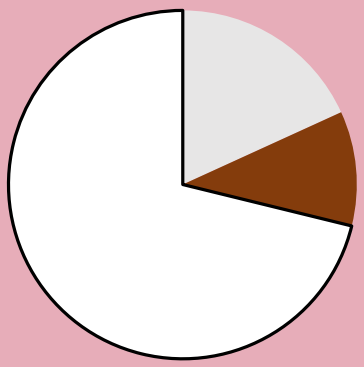
Rust

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

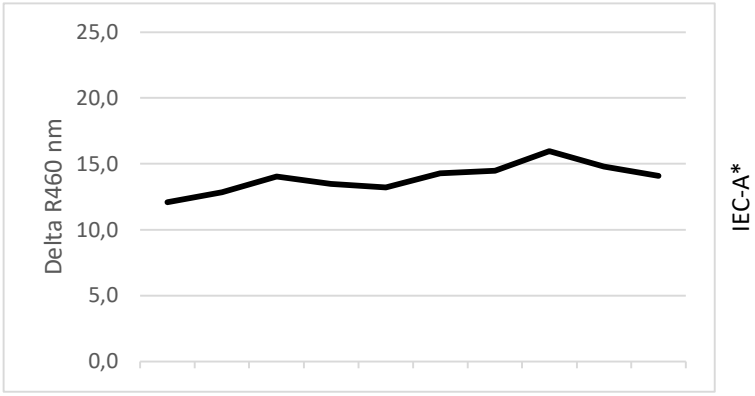
Order Code:	Substrate:	Yu:
C-H032	Woven Cotton (CN-11 w3x)	90,9
KC-H032	Knitted Cotton (CN-42w3x)	94,5

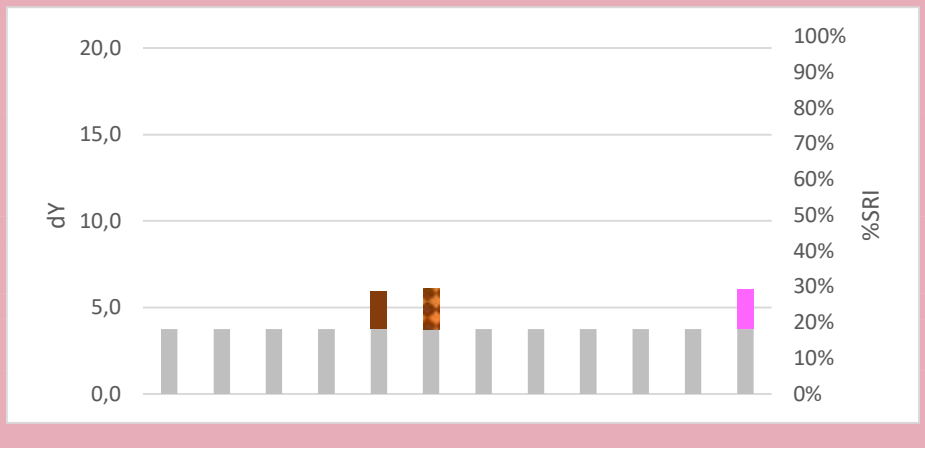
Order Code:	Substrate:	Yu:
PC-H032	Polyester/Cotton (PCN-01w3x)	87,9
P-H032	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

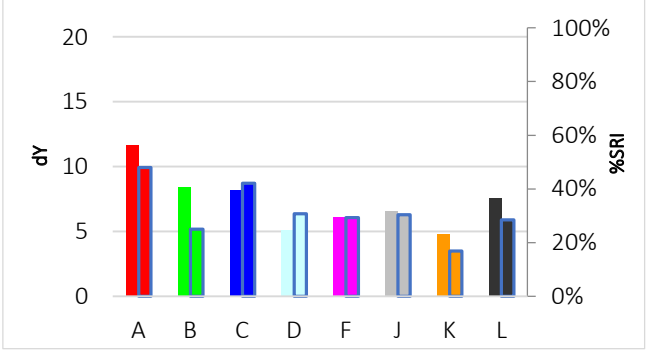


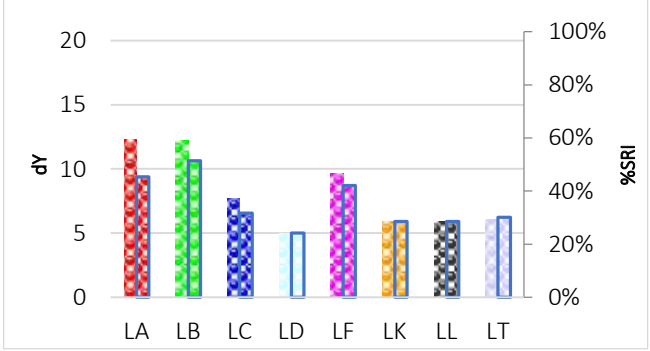


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H033

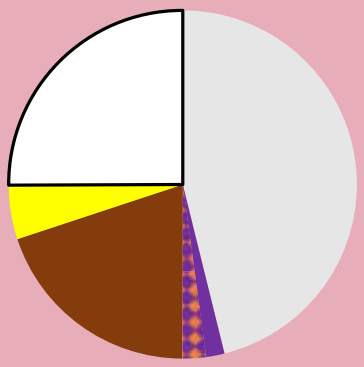
Chocolate ice cream with guar gum

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

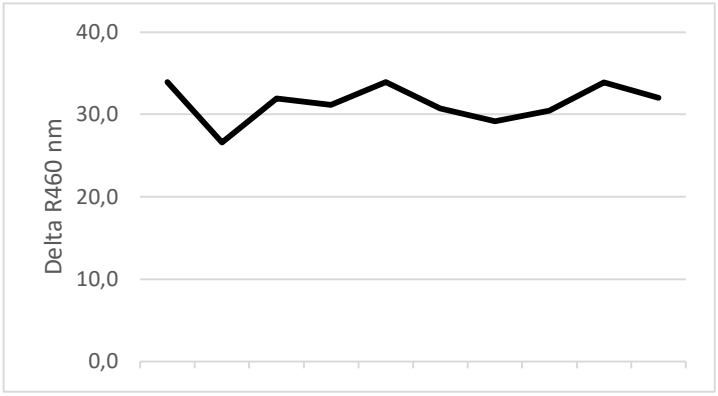
Order Code:	Substrate:	Yu:
C-H033	Woven Cotton (CN-11 w3x)	90,9
KC-H033	Knitted Cotton (CN-42w3x)	94,5

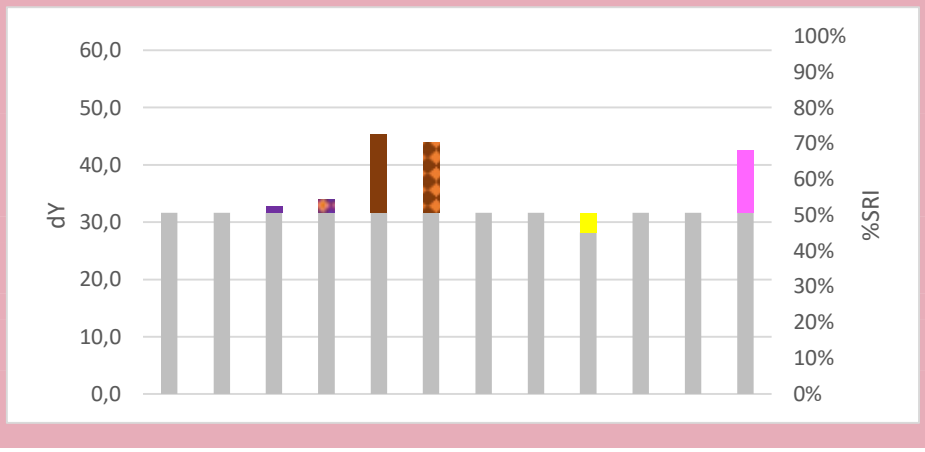
Order Code:	Substrate:	Yu:
PC-H033	Polyester/Cotton (PCN-01w3x)	87,9
P-H033	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

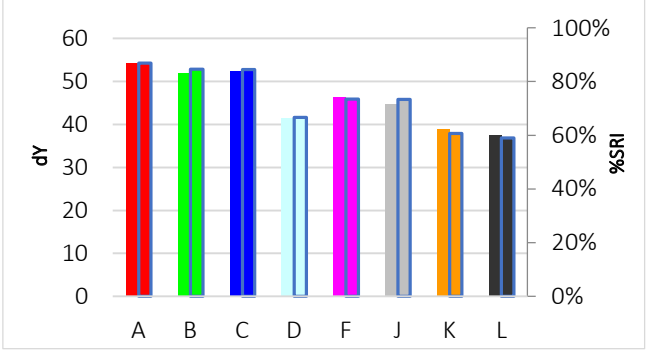


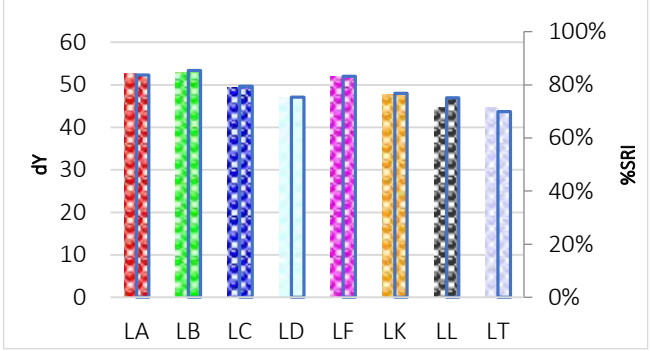


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
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C-H034

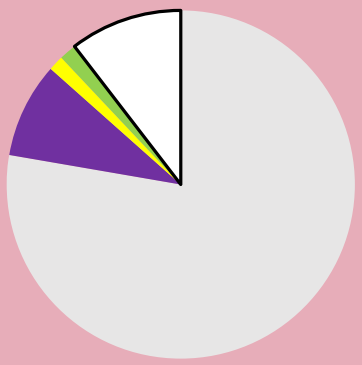
Blood, sheep's

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

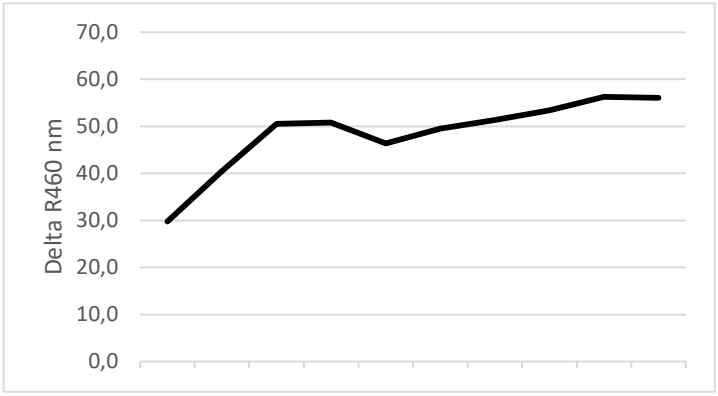
Order Code:	Substrate:	Yu:
C-H034	Woven Cotton (CN-11 w3x)	90,9
KC-H034	Knitted Cotton (CN-42w3x)	94,5

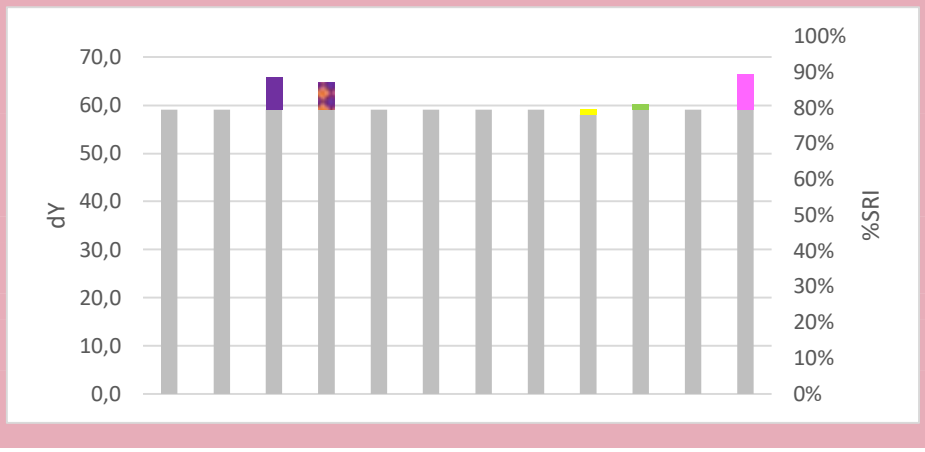
Order Code:	Substrate:	Yu:
PC-H034	Polyester/Cotton (PCN-01w3x)	87,9
P-H034	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

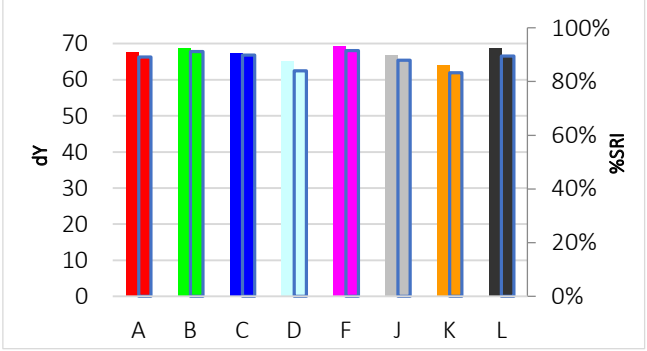


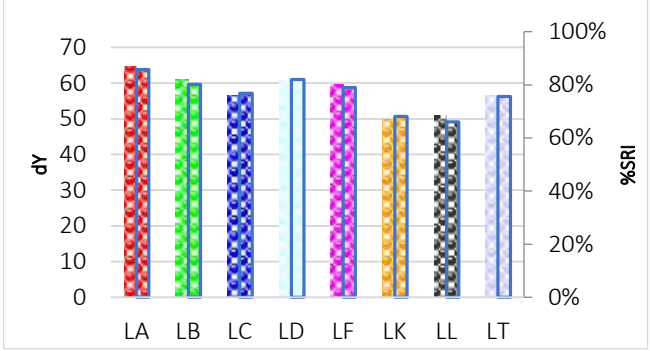


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H035

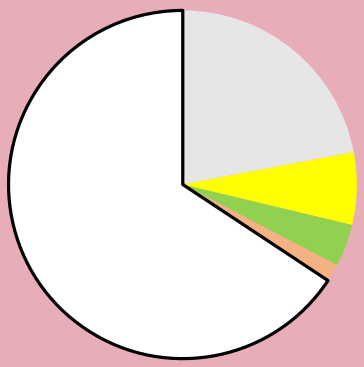
Dry ink

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

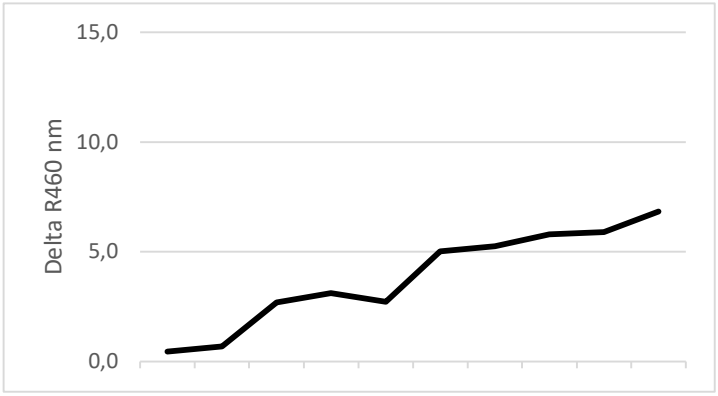
Order Code:	Substrate:	Yu:
C-H035	Woven Cotton (CN-11 w3x)	90,9
KC-H035	Knitted Cotton (CN-42w3x)	94,5

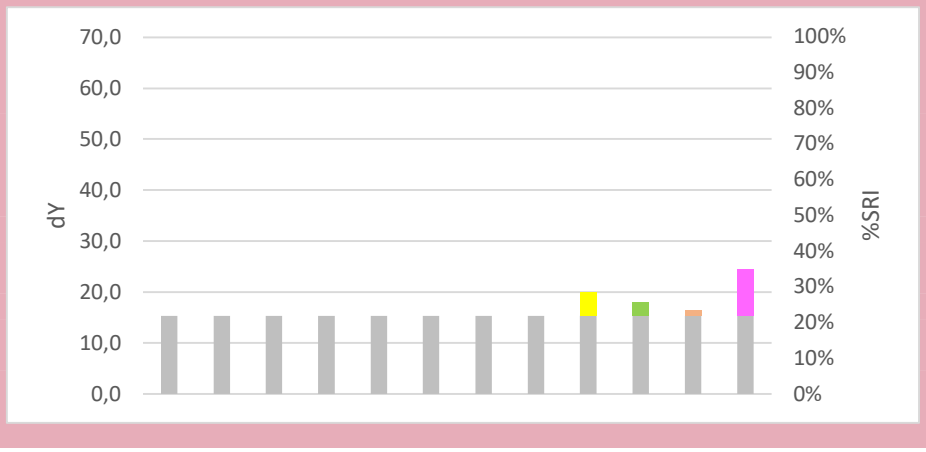
Order Code:	Substrate:	Yu:
PC-H035	Polyester/Cotton (PCN-01w3x)	87,9
P-H035	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

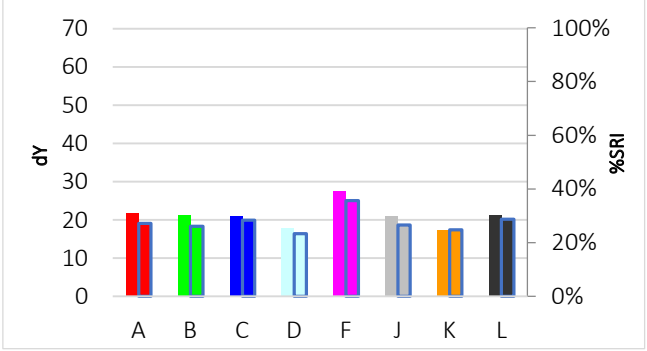


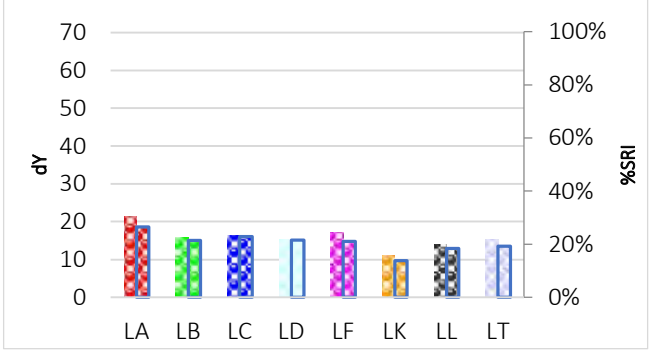


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H036

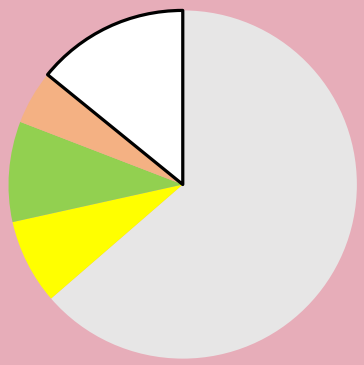
Tomato ketchup

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★★★

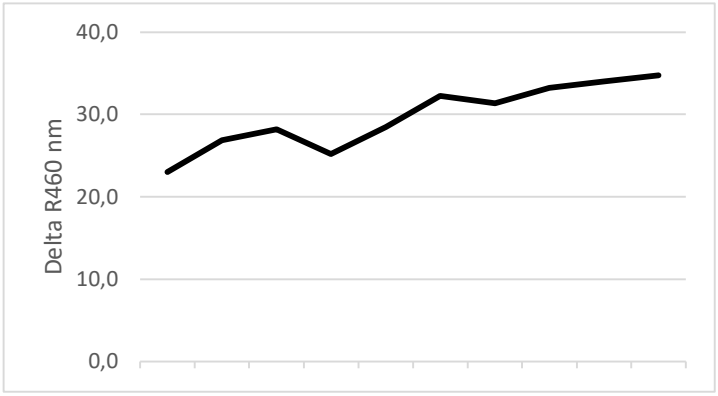
Order Code:	Substrate:	Yu:
C-H036	Woven Cotton (CN-11 w3x)	90,9
KC-H036	Knitted Cotton (CN-42w3x)	94,5

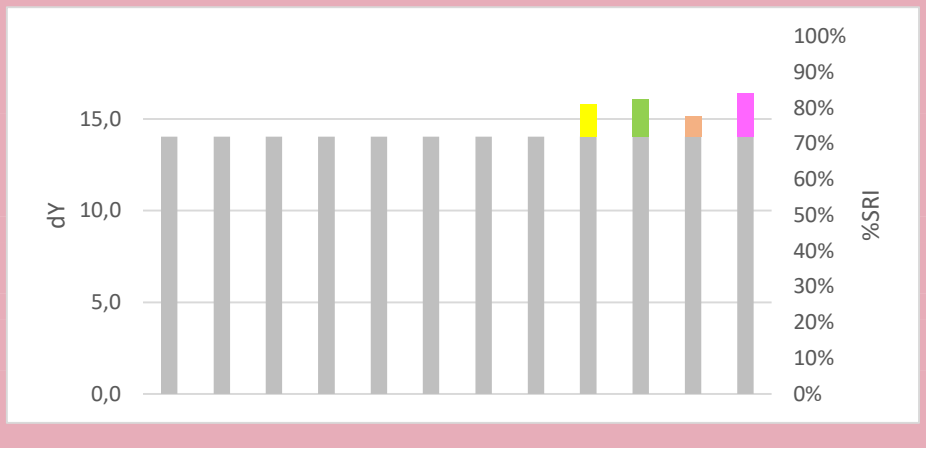
Order Code:	Substrate:	Yu:
PC-H036	Polyester/Cotton (PCN-01w3x)	87,9
P-H036	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

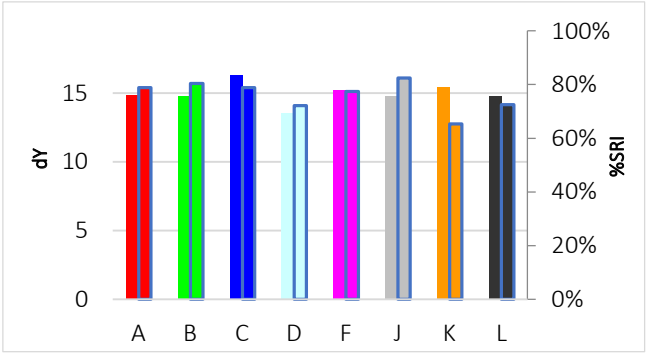


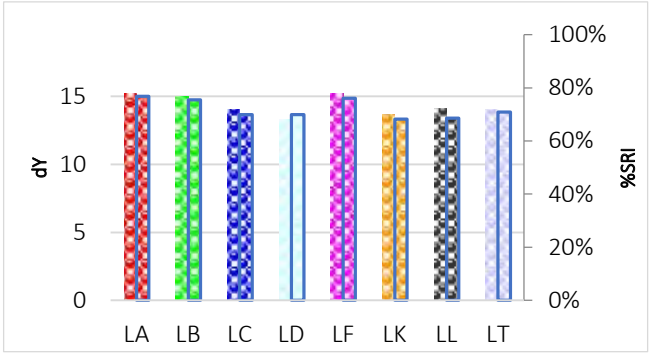


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H037

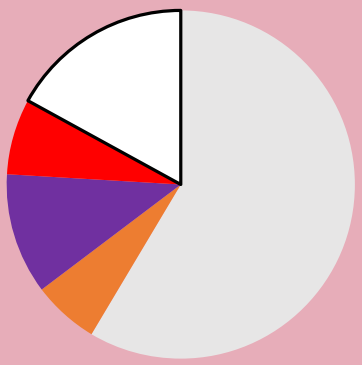
Mascara, black

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★☆☆☆☆
Popularity: ★★★★☆

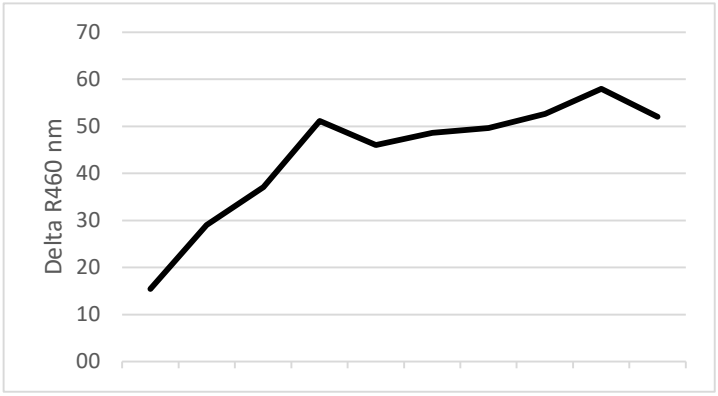
Order Code:	Substrate:	Yu:
C-H037	Woven Cotton (CN-11 w3x)	90,9
KC-H037	Knitted Cotton (CN-42w3x)	94,5

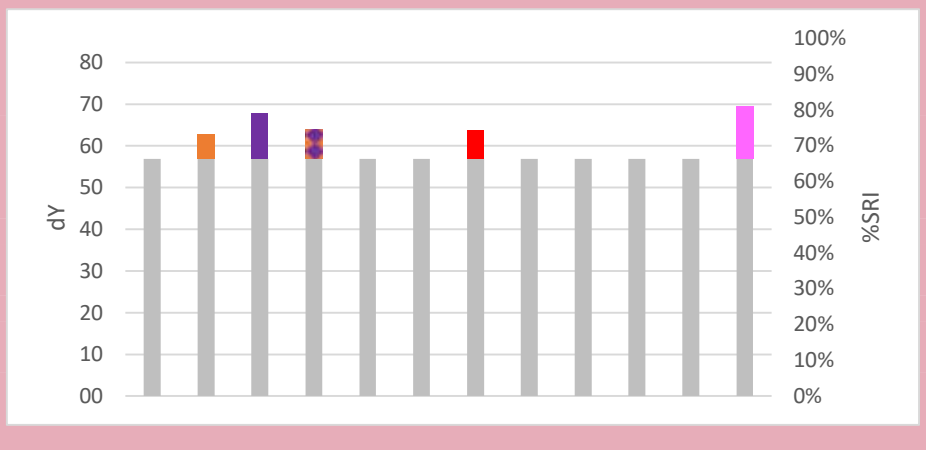
Order Code:	Substrate:	Yu:
PC-H037	Polyester/Cotton (PCN-01w3x)	87,9
P-H037	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

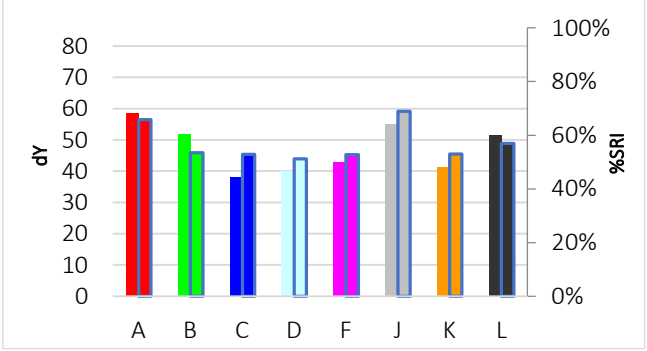


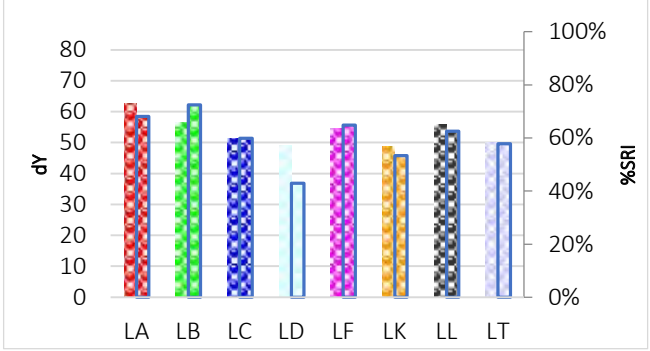


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H038

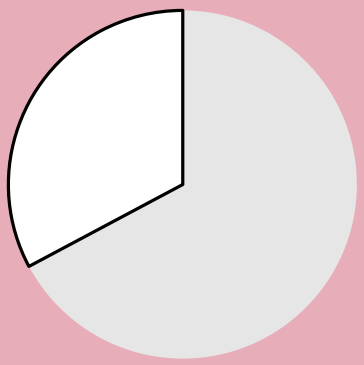
Shoe polish, brown

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★☆☆☆☆
Popularity: ★☆☆☆☆

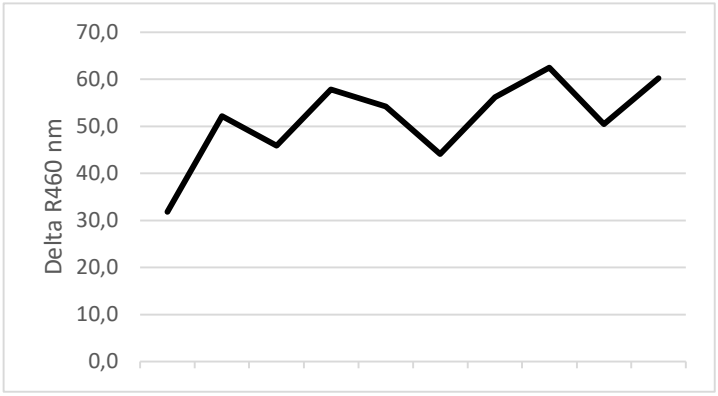
Order Code:	Substrate:	Yu:
C-H038	Woven Cotton (CN-11 w3x)	90,9
KC-H038	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H038	Polyester/Cotton (PCN-01w3x)	87,9
P-H038	Polyester (PN-01 w3x)	86,5

Detergent Component Response



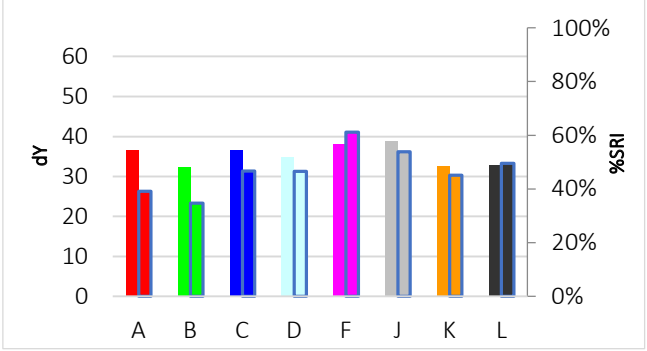
Detergent Dosage/Response & QC

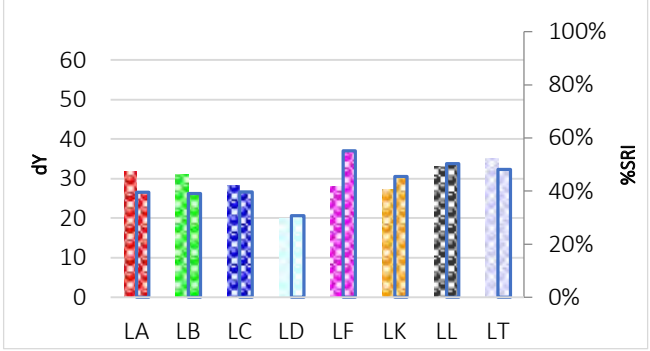


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H039

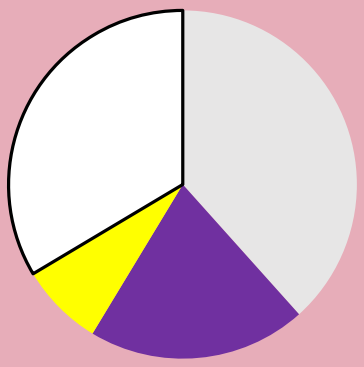
Grass, squeezed

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

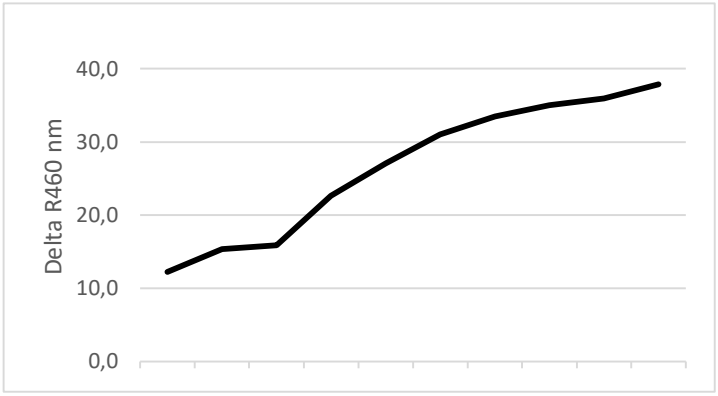
Order Code:	Substrate:	Yu:
C-H039	Woven Cotton (CN-11 w3x)	90,9
KC-H039	Knitted Cotton (CN-42w3x)	94,5

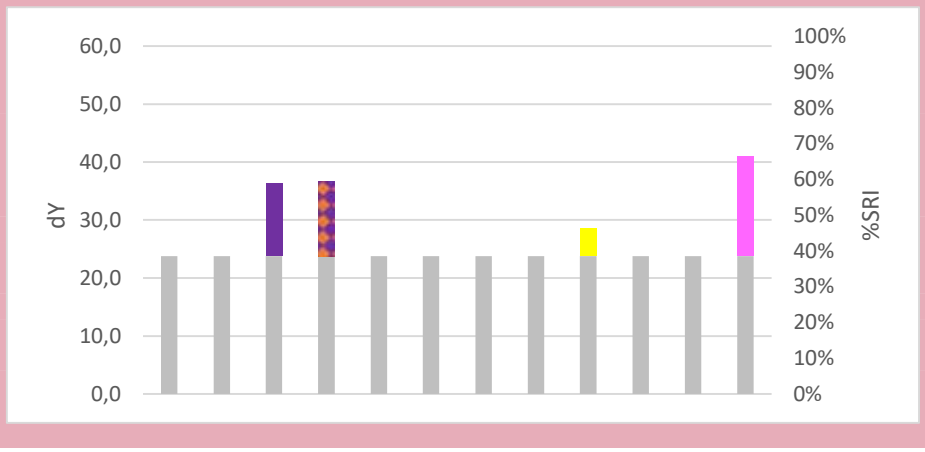
Order Code:	Substrate:	Yu:
PC-H039	Polyester/Cotton (PCN-01w3x)	87,9
P-H039	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

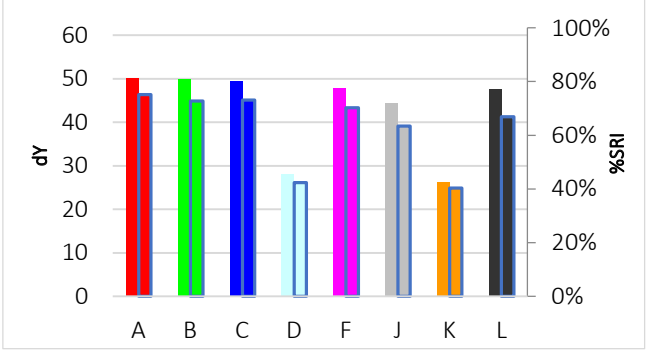


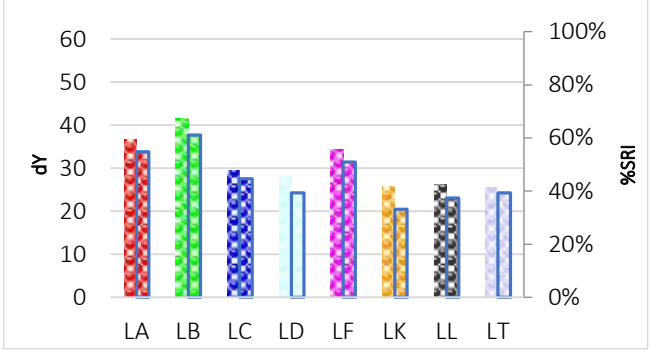


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H040

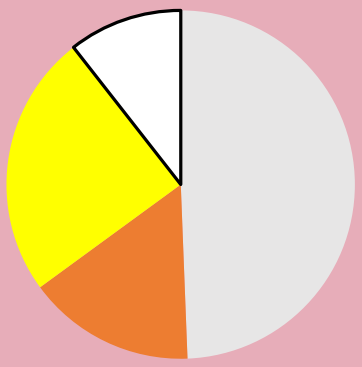
Baby food, strawberry/banana

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

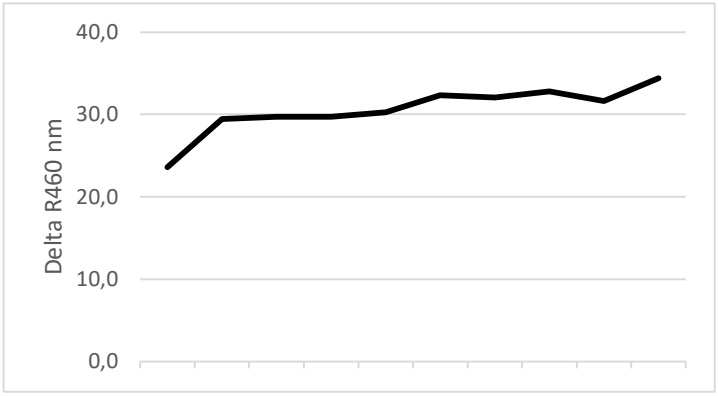
Order Code:	Substrate:	Yu:
C-H040	Woven Cotton (CN-11 w3x)	90,9
KC-H040	Knitted Cotton (CN-42w3x)	94,5

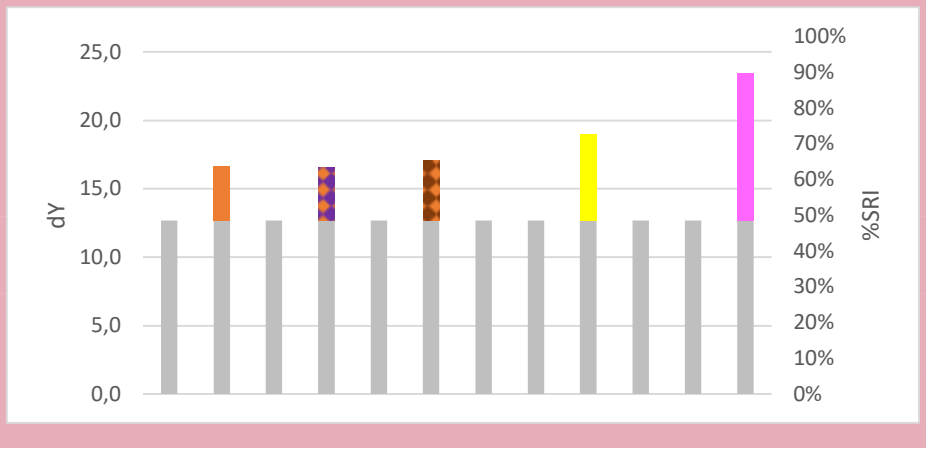
Order Code:	Substrate:	Yu:
PC-H040	Polyester/Cotton (PCN-01w3x)	87,9
P-H040	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

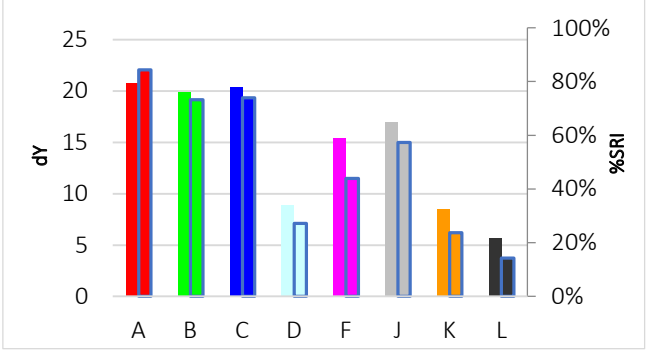


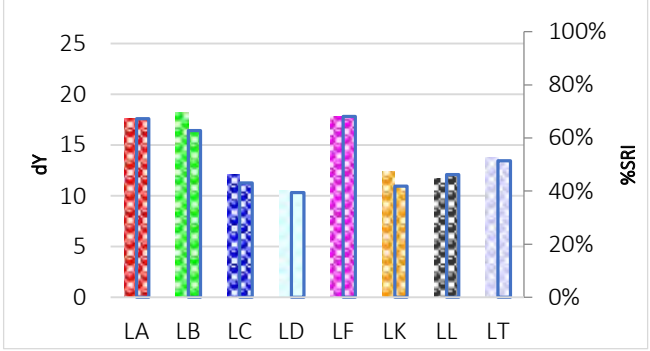


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H041

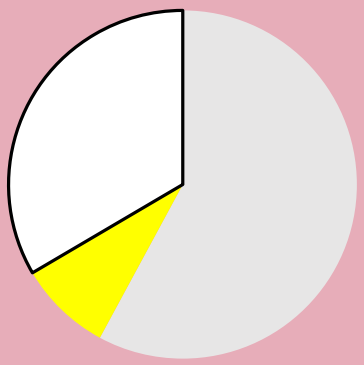
Baby food, peach/apricot

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★☆☆

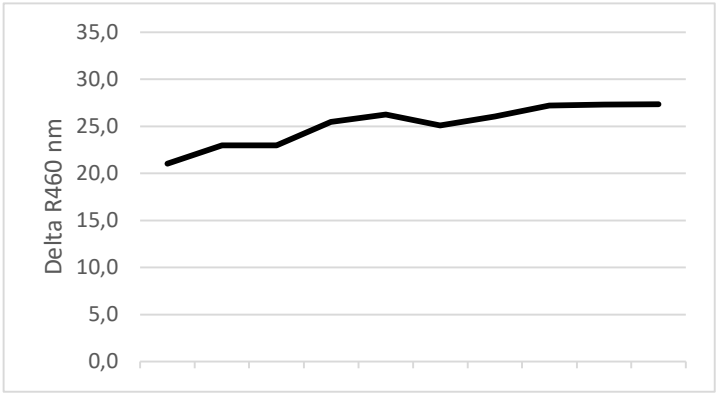
Order Code:	Substrate:	Yu:
C-H041	Woven Cotton (CN-11 w3x)	90,9
KC-H041	Knitted Cotton (CN-42w3x)	94,5

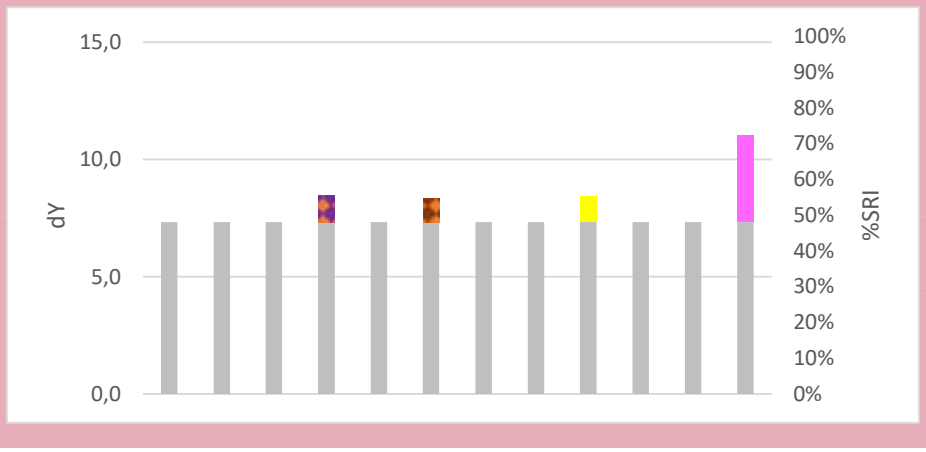
Order Code:	Substrate:	Yu:
PC-H041	Polyester/Cotton (PCN-01w3x)	87,9
P-H041	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

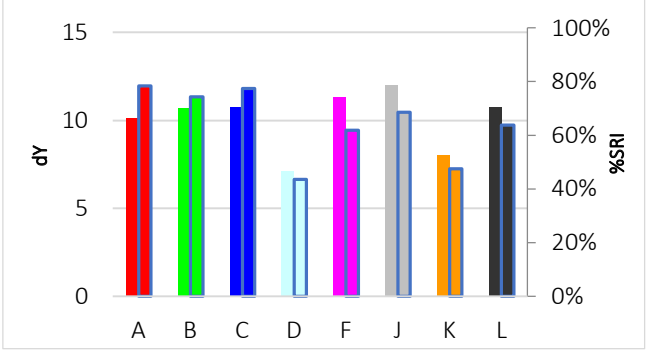


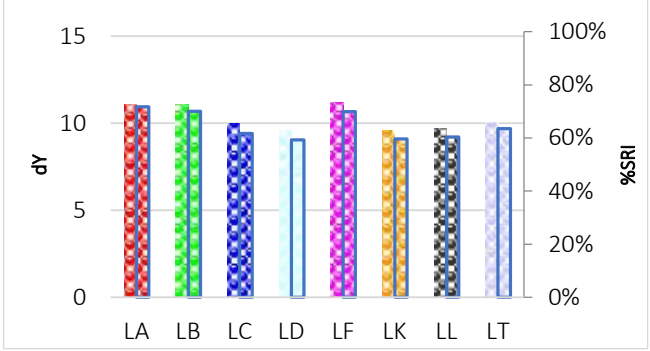


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H042

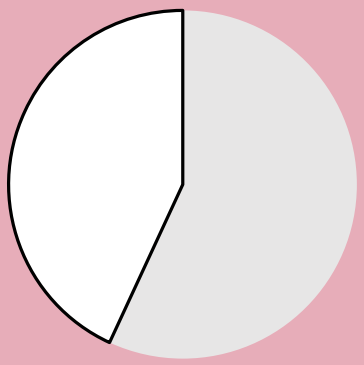
Baby fruit drink

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

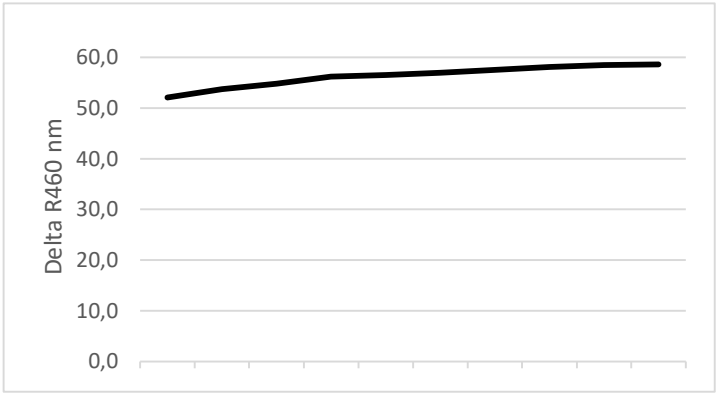
Order Code:	Substrate:	Yu:
C-H042	Woven Cotton (CN-11 w3x)	90,9
KC-H042	Knitted Cotton (CN-42w3x)	94,5

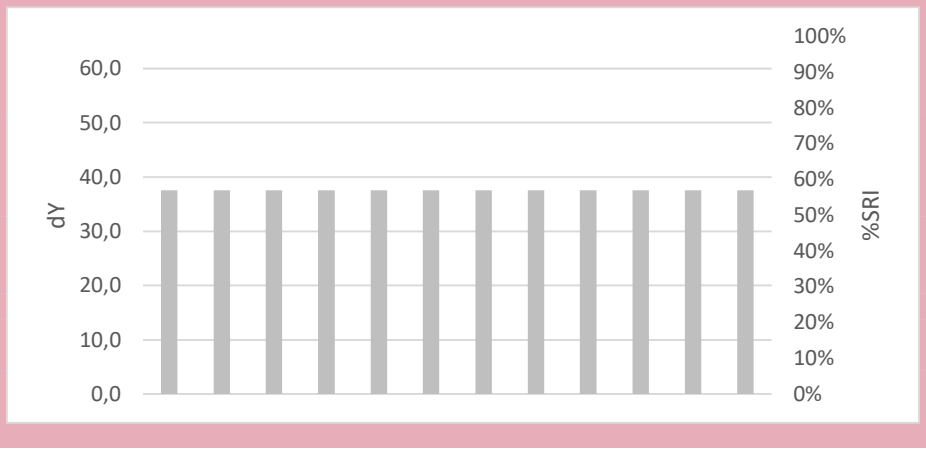
Order Code:	Substrate:	Yu:
PC-H042	Polyester/Cotton (PCN-01w3x)	87,9
P-H042	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

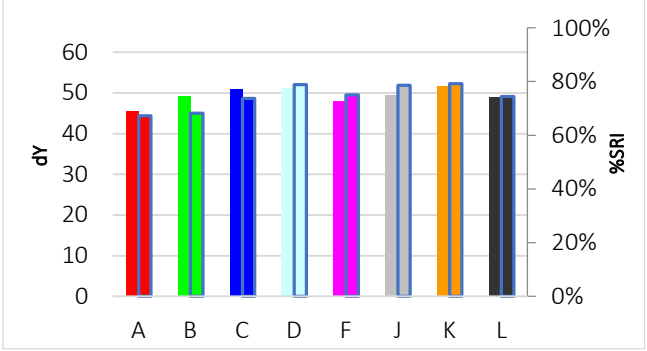


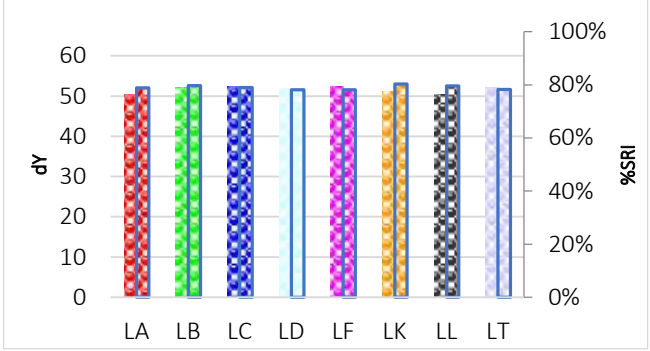


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H043

Apple, mashed

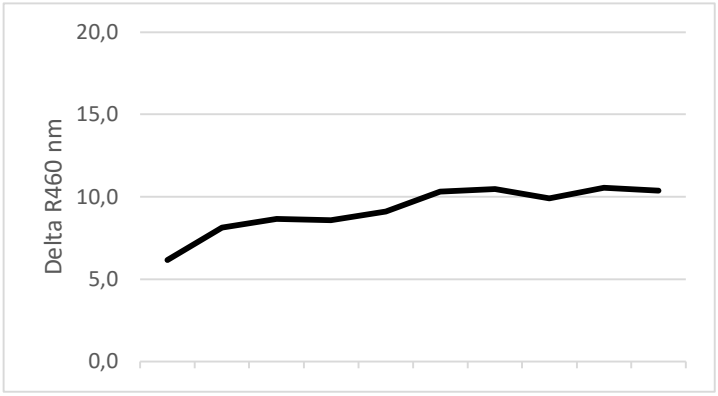
Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★☆☆

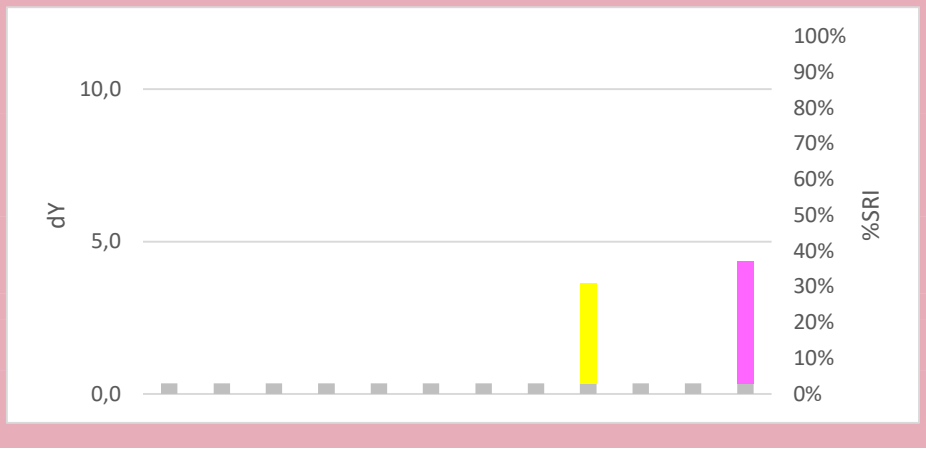
Order Code:	Substrate:	Yu:
C-H043	Woven Cotton (CN-11 w3x)	90,9
KC-H043	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H043	Polyester/Cotton (PCN-01w3x)	87,9
P-H043	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

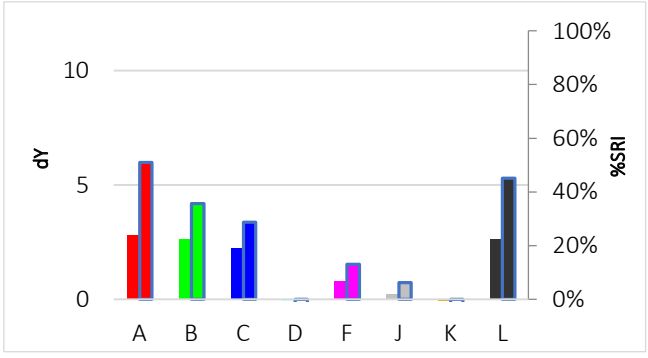


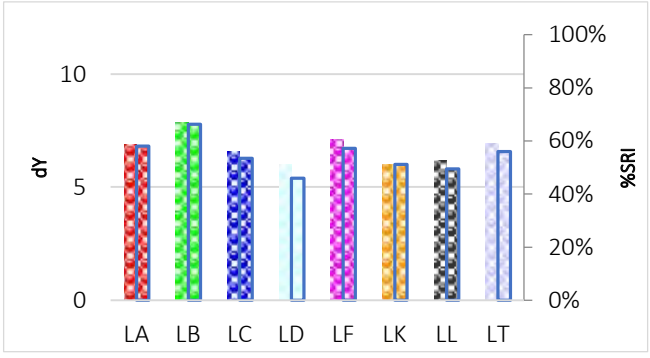


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H044

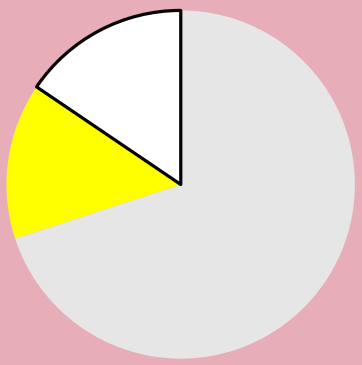
Jam, raspberry

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

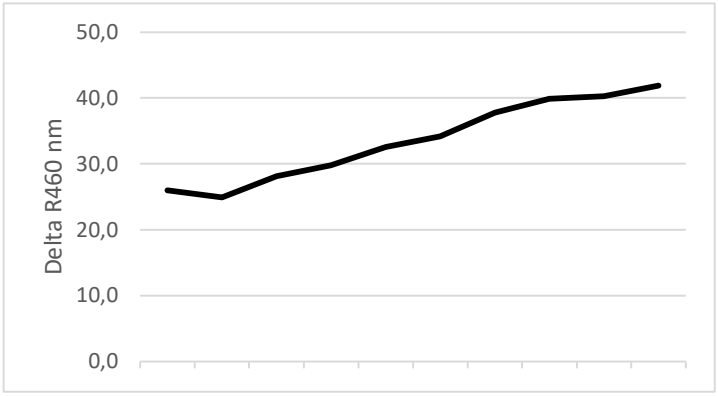
Order Code:	Substrate:	Yu:
C-H044	Woven Cotton (CN-11 w3x)	90,9
KC-H044	Knitted Cotton (CN-42w3x)	94,5

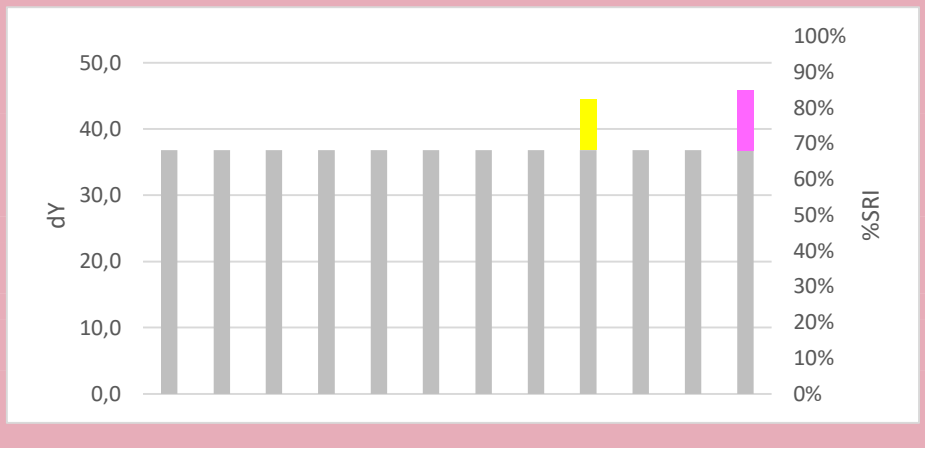
Order Code:	Substrate:	Yu:
PC-H044	Polyester/Cotton (PCN-01w3x)	87,9
P-H044	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

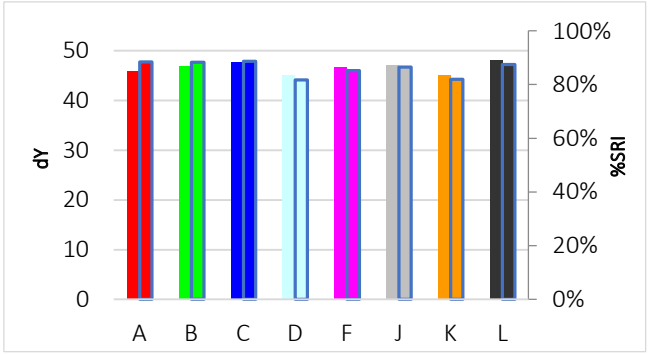


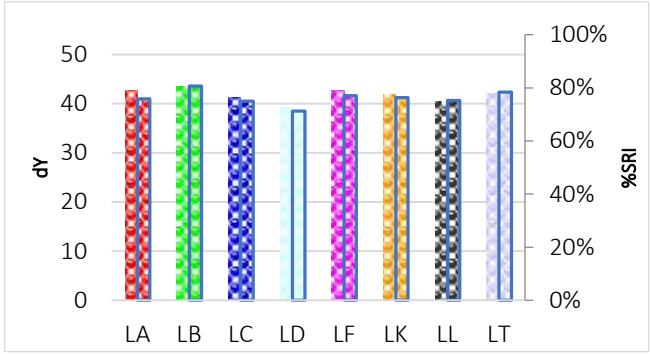


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H045

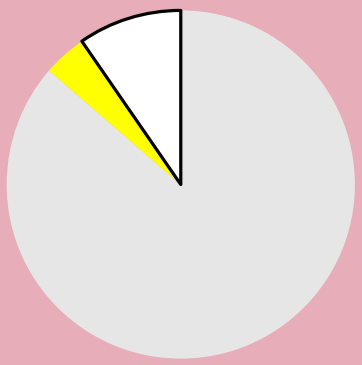
Jam, strawberry

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

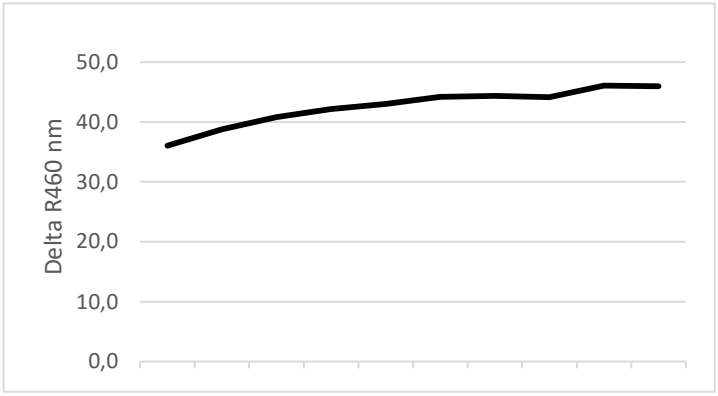
Order Code:	Substrate:	Yu:
C-H045	Woven Cotton (CN-11 w3x)	90,9
KC-H045	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H045	Polyester/Cotton (PCN-01w3x)	87,9
P-H045	Polyester (PN-01 w3x)	86,5

Detergent Component Response



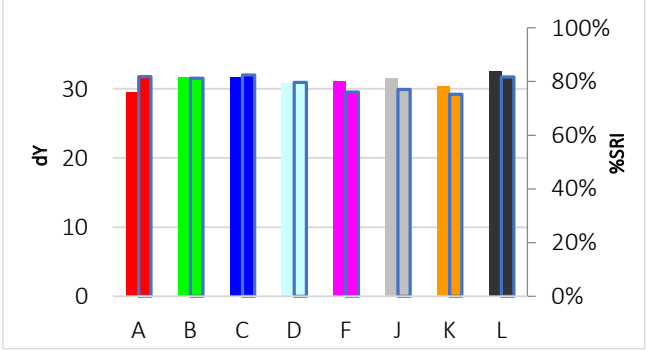
Detergent Dosage/Response & QC

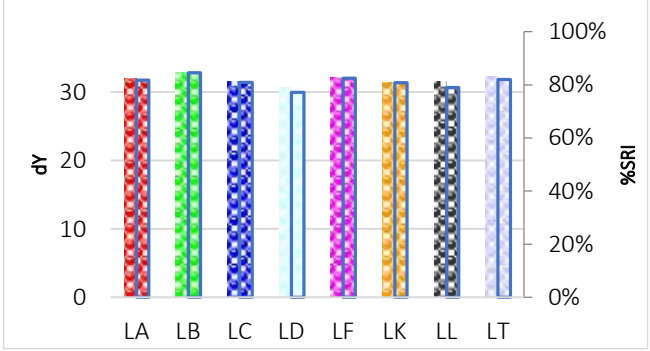


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H047

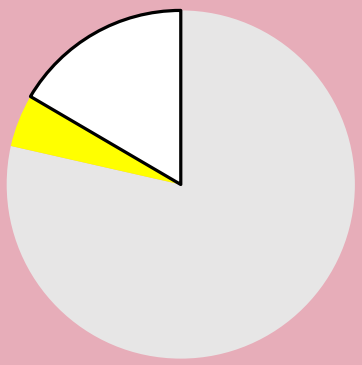
Jam, cherry

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

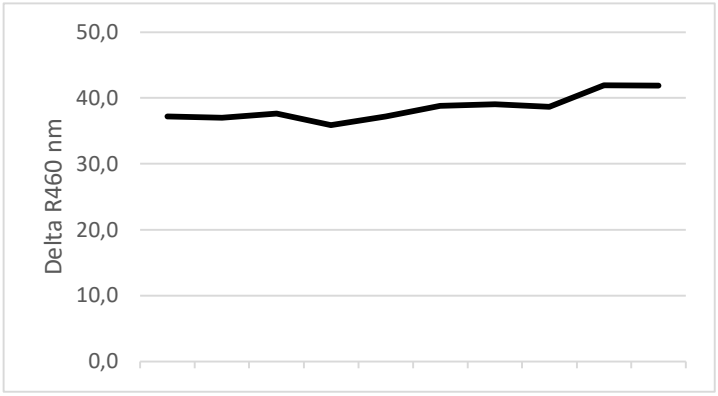
Order Code:	Substrate:	Yu:
C-H047	Woven Cotton (CN-11 w3x)	90,9
KC-H047	Knitted Cotton (CN-42w3x)	94,5

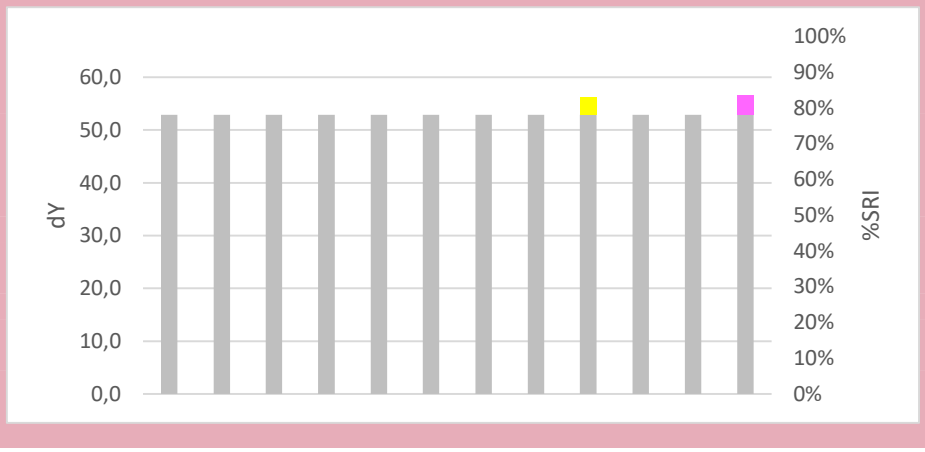
Order Code:	Substrate:	Yu:
PC-H047	Polyester/Cotton (PCN-01w3x)	87,9
P-H047	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

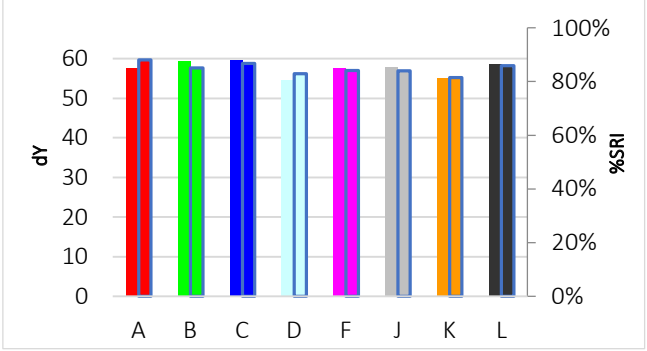


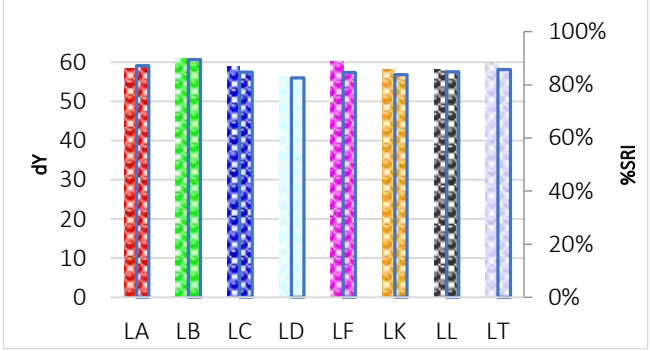


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H048

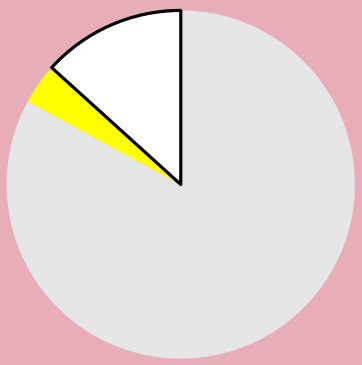
Raspberry juice

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★★
Popularity: ★★★★☆

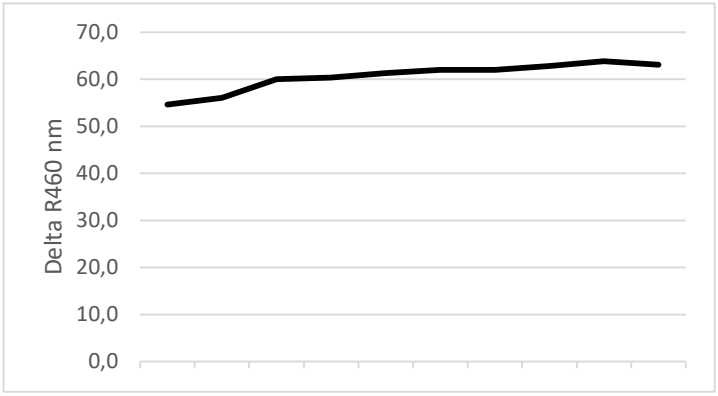
Order Code:	Substrate:	Yu:
C-H048	Woven Cotton (CN-11 w3x)	90,9
KC-H048	Knitted Cotton (CN-42w3x)	94,5

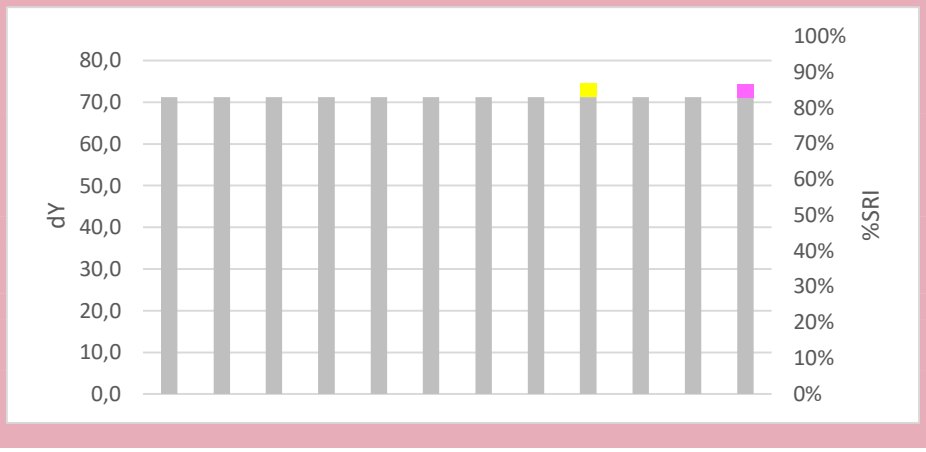
Order Code:	Substrate:	Yu:
PC-H048	Polyester/Cotton (PCN-01w3x)	87,9
P-H048	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

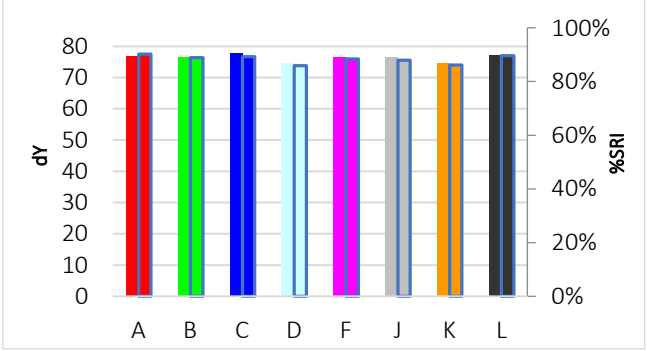


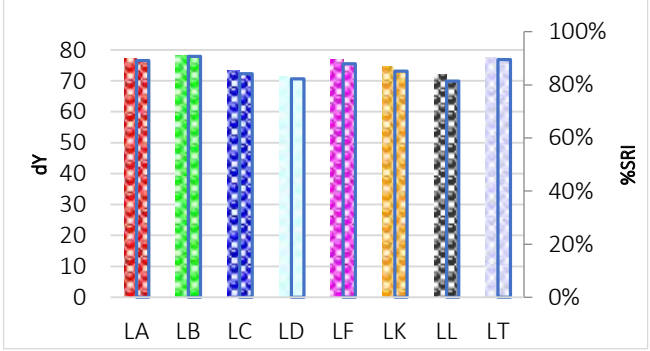


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H049

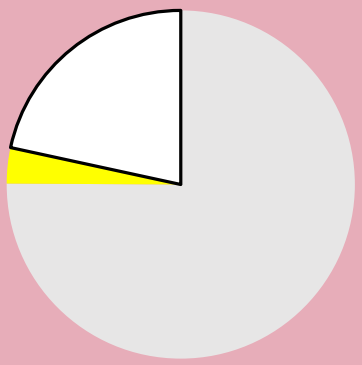
Forest fruit sorbet ice cream

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

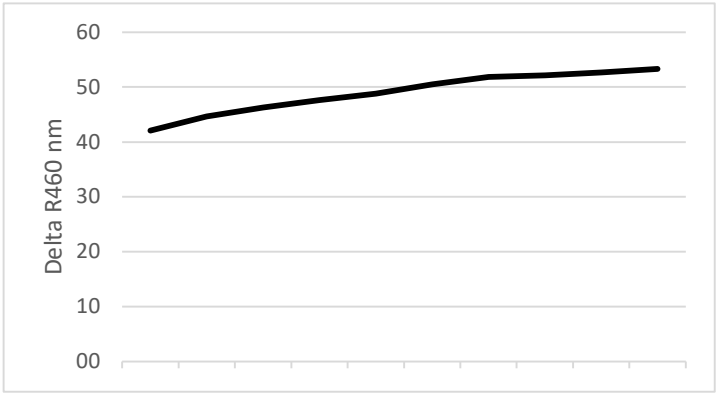
Order Code:	Substrate:	Yu:
C-H049	Woven Cotton (CN-11 w3x)	90,9
KC-H049	Knitted Cotton (CN-42w3x)	94,5

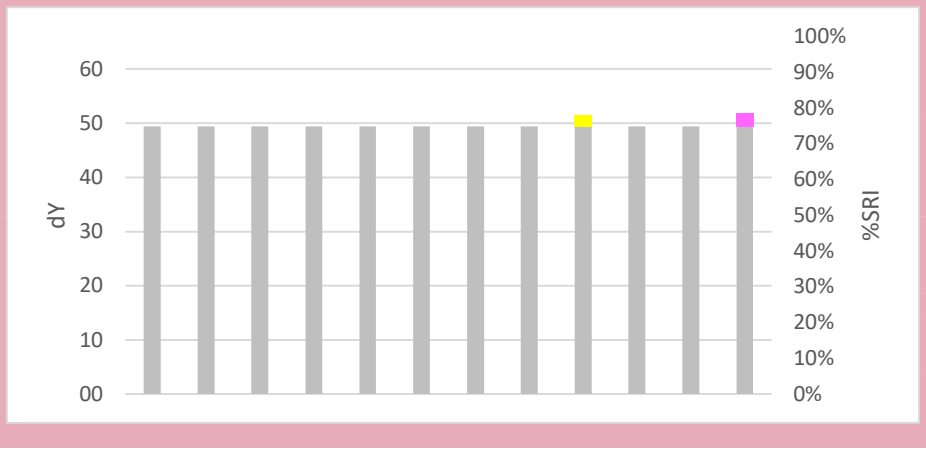
Order Code:	Substrate:	Yu:
PC-H049	Polyester/Cotton (PCN-01w3x)	87,9
P-H049	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

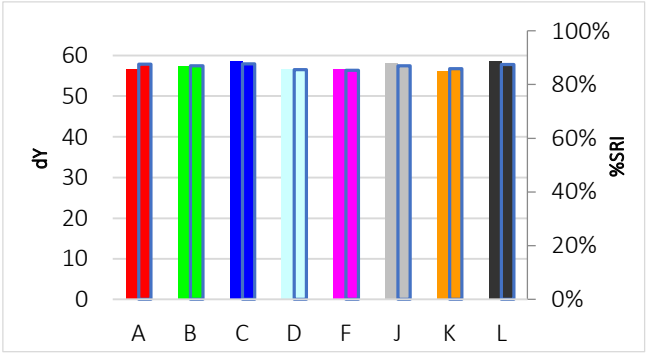


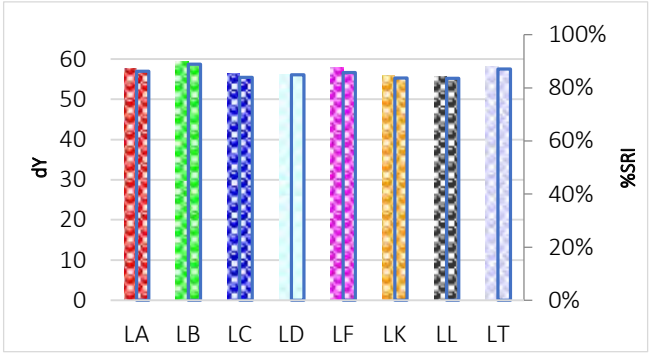


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H051

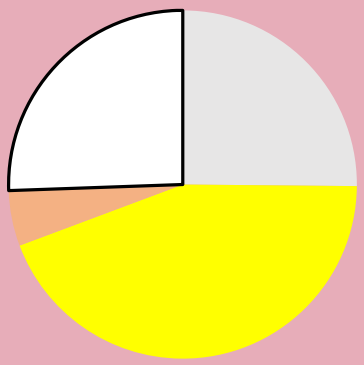
Tea, green

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

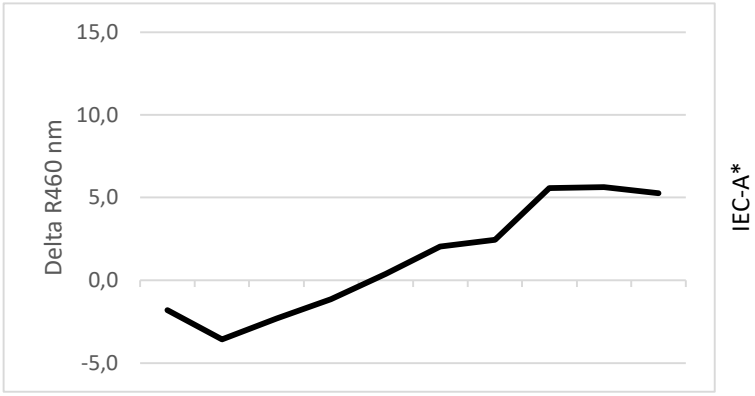
Order Code:	Substrate:	Yu:
C-H051	Woven Cotton (CN-11 w3x)	90,9
KC-H051	Knitted Cotton (CN-42w3x)	94,5

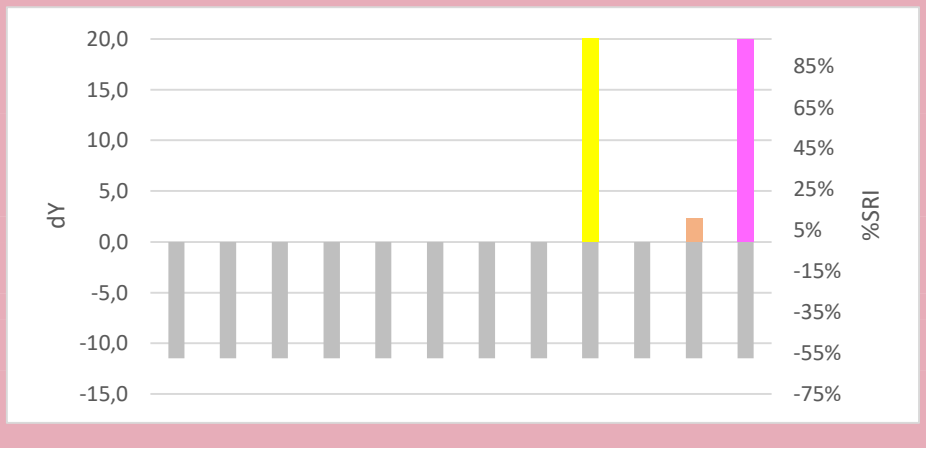
Order Code:	Substrate:	Yu:
PC-H051	Polyester/Cotton (PCN-01w3x)	87,9
P-H051	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

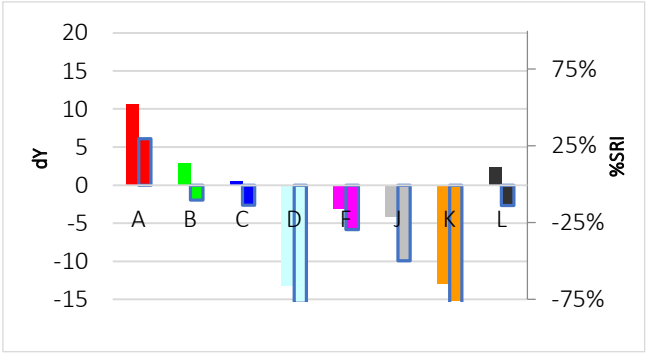


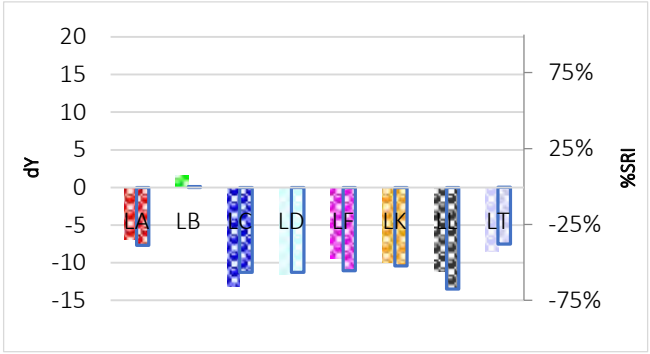


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H052

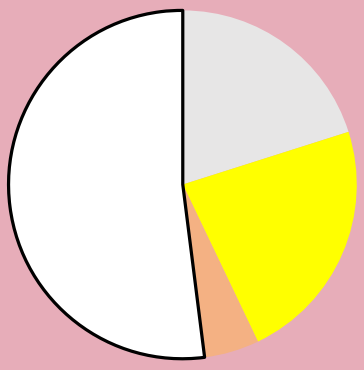
Tea, mint

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

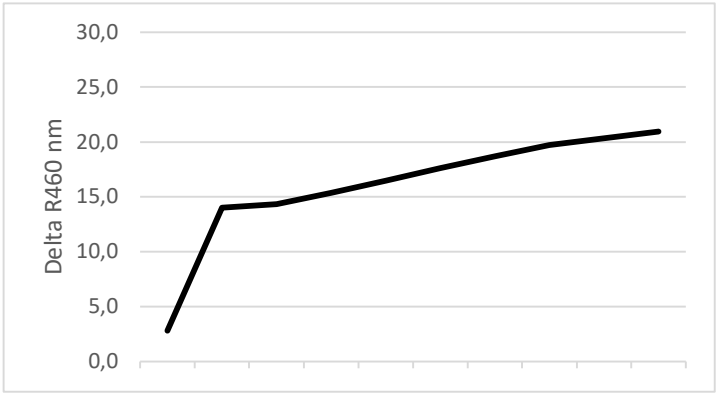
Order Code:	Substrate:	Yu:
C-H052	Woven Cotton (CN-11 w3x)	90,9
KC-H052	Knitted Cotton (CN-42w3x)	94,5

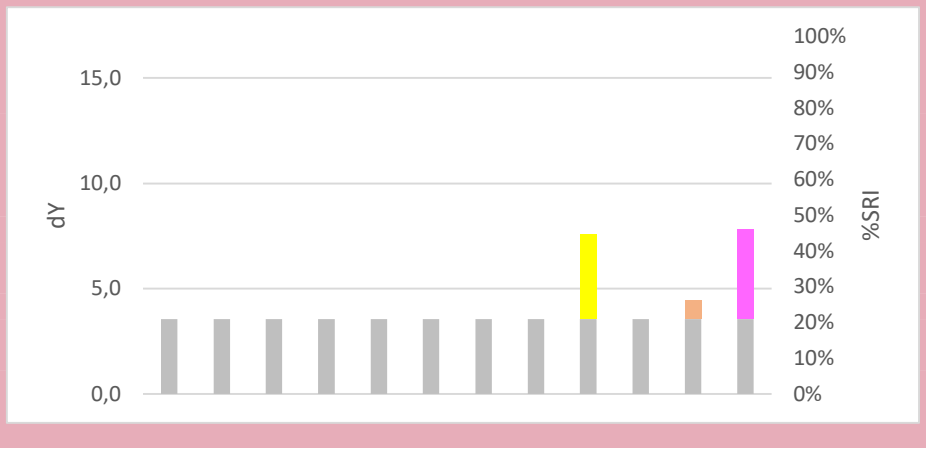
Order Code:	Substrate:	Yu:
PC-H052	Polyester/Cotton (PCN-01w3x)	87,9
P-H052	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

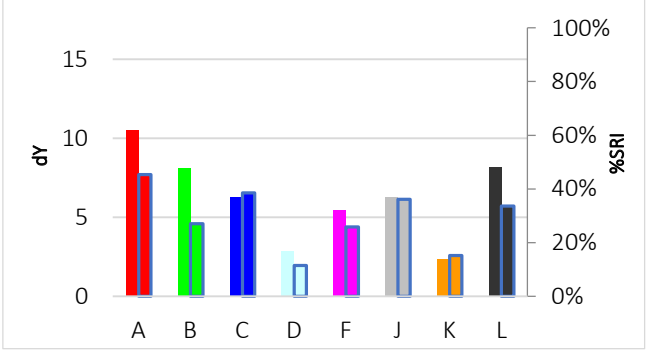


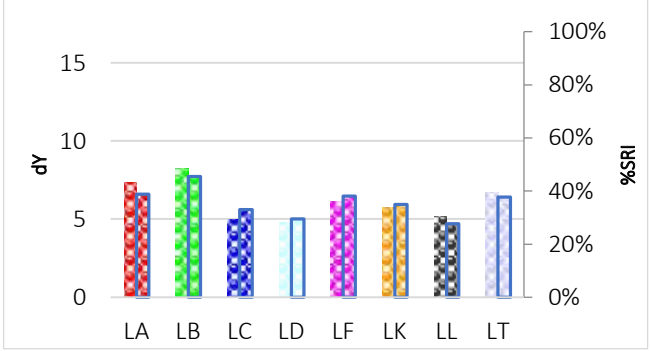


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H053

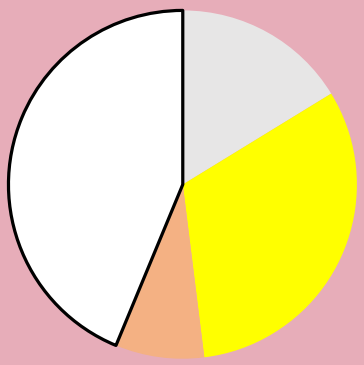
Tea, rooibos

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

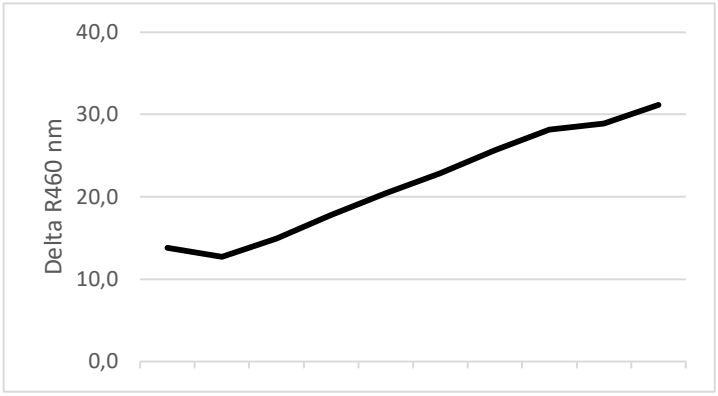
Order Code:	Substrate:	Yu:
C-H053	Woven Cotton (CN-11 w3x)	90,9
KC-H053	Knitted Cotton (CN-42w3x)	94,5

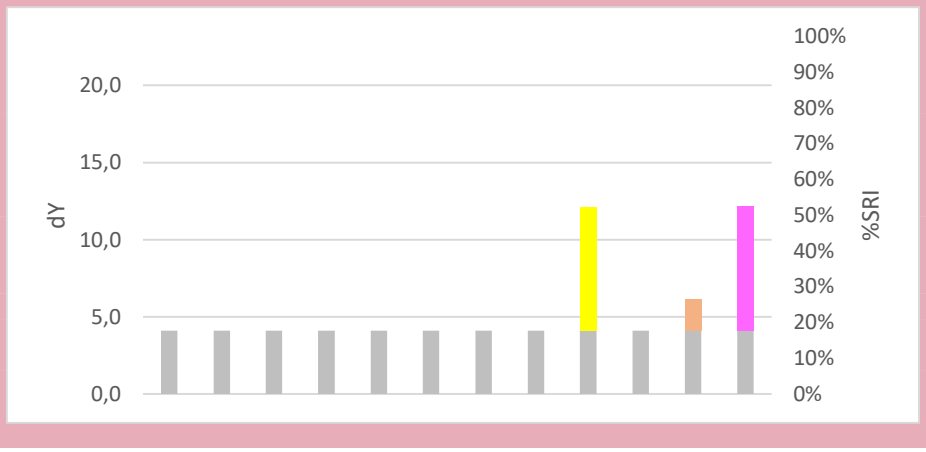
Order Code:	Substrate:	Yu:
PC-H053	Polyester/Cotton (PCN-01w3x)	87,9
P-H053	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

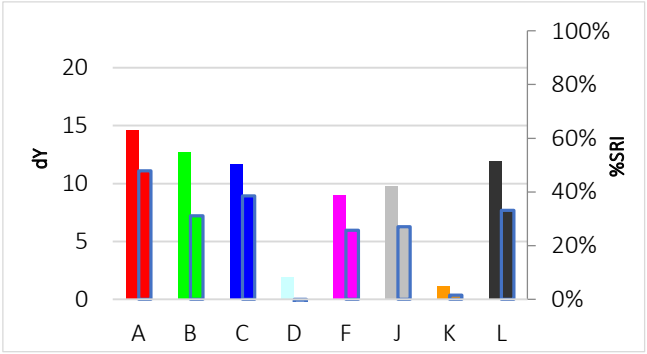


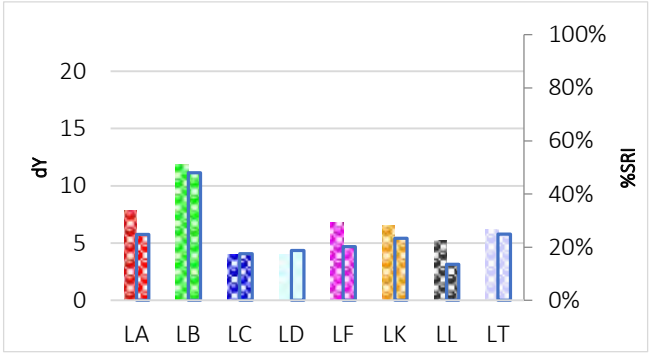


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H054

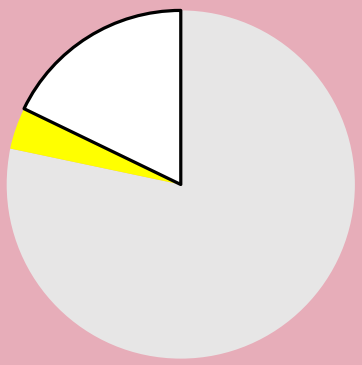
Balsamic dressing

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★☆☆☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

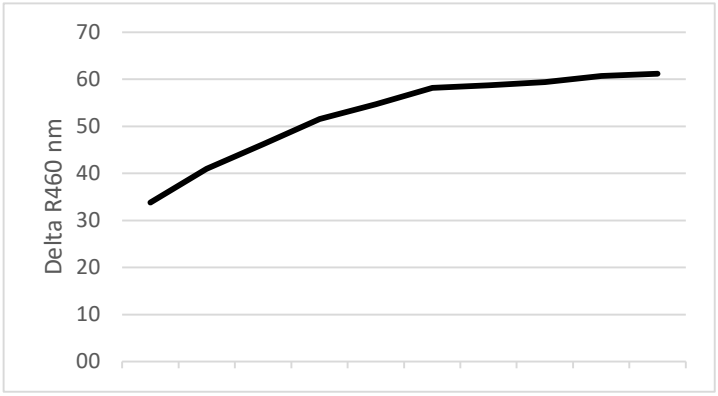
Order Code:	Substrate:	Yu:
C-H054	Woven Cotton (CN-11 w3x)	90,9
KC-H054	Knitted Cotton (CN-42w3x)	94,5

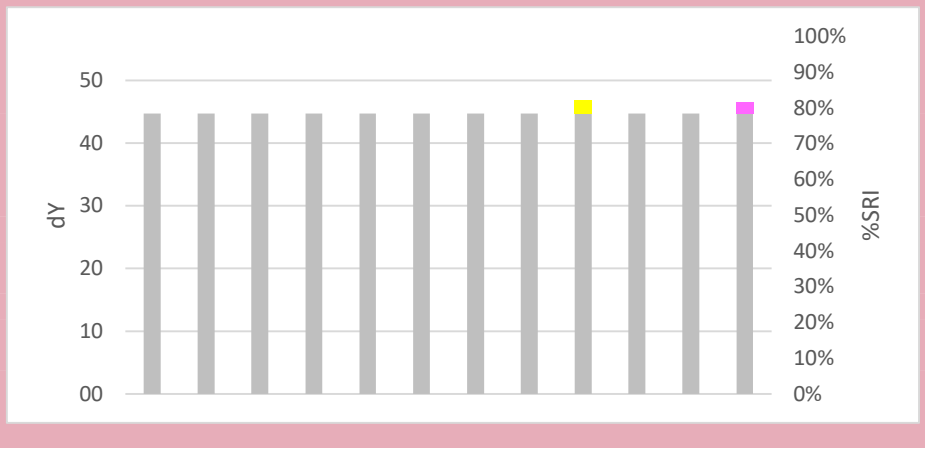
Order Code:	Substrate:	Yu:
PC-H054	Polyester/Cotton (PCN-01w3x)	87,9
P-H054	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

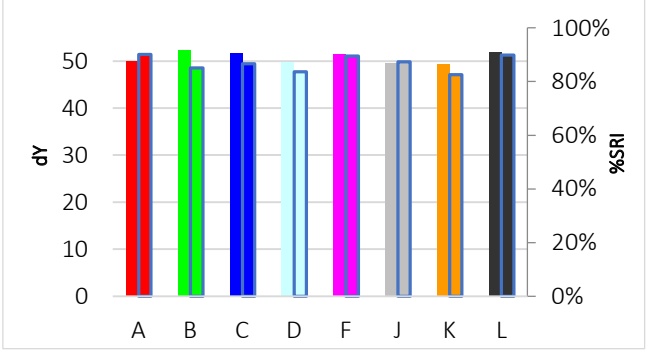


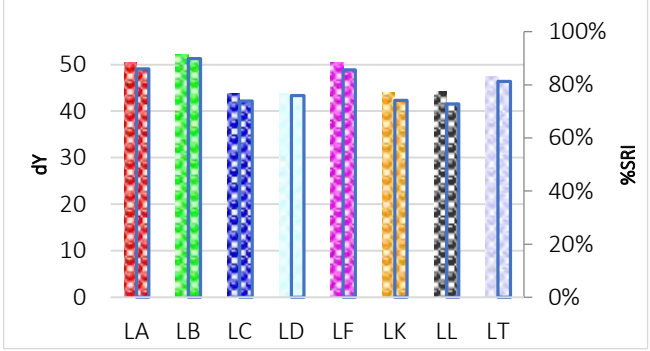


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H055

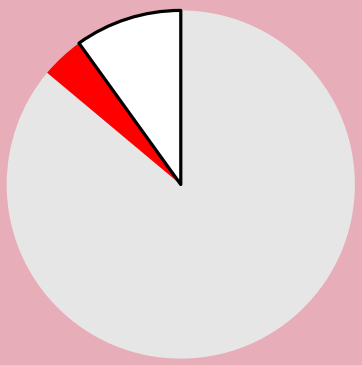
Mustard, British

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

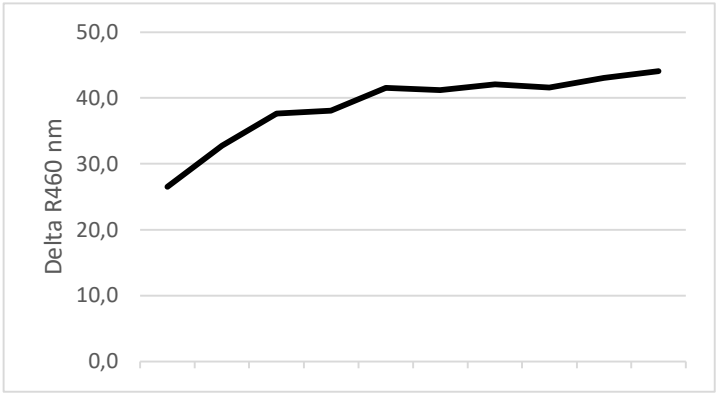
Order Code:	Substrate:	Yu:
C-H055	Woven Cotton (CN-11 w3x)	90,9
KC-H055	Knitted Cotton (CN-42w3x)	94,5

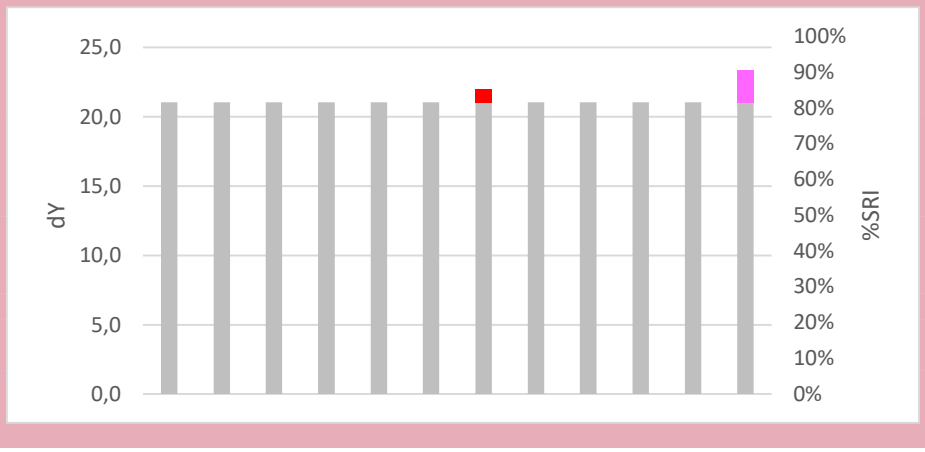
Order Code:	Substrate:	Yu:
PC-H055	Polyester/Cotton (PCN-01w3x)	87,9
P-H055	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

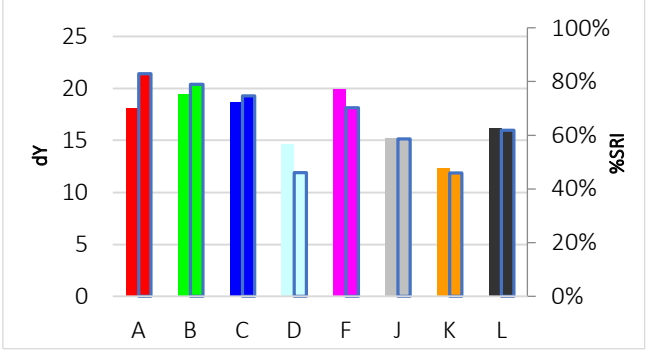


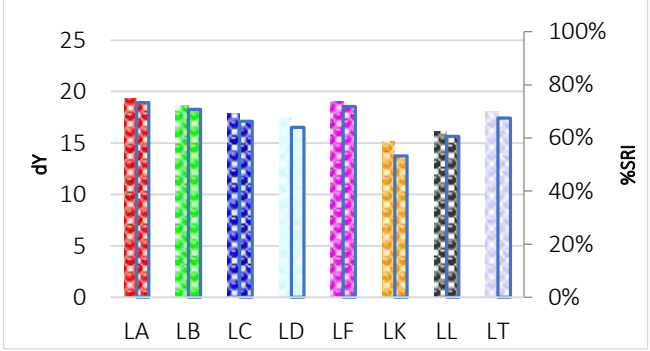


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H056

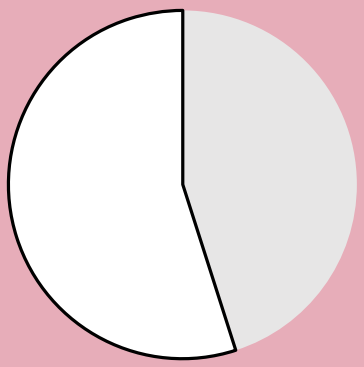
Mediterranean olive sauce

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

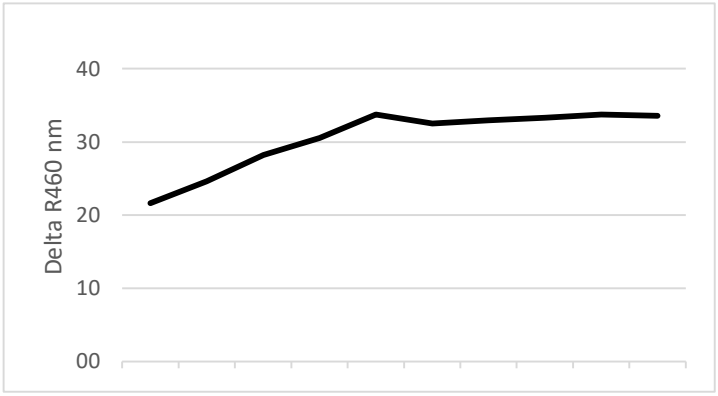
Order Code:	Substrate:	Yu:
C-H056	Woven Cotton (CN-11 w3x)	90,9
KC-H056	Knitted Cotton (CN-42w3x)	94,5

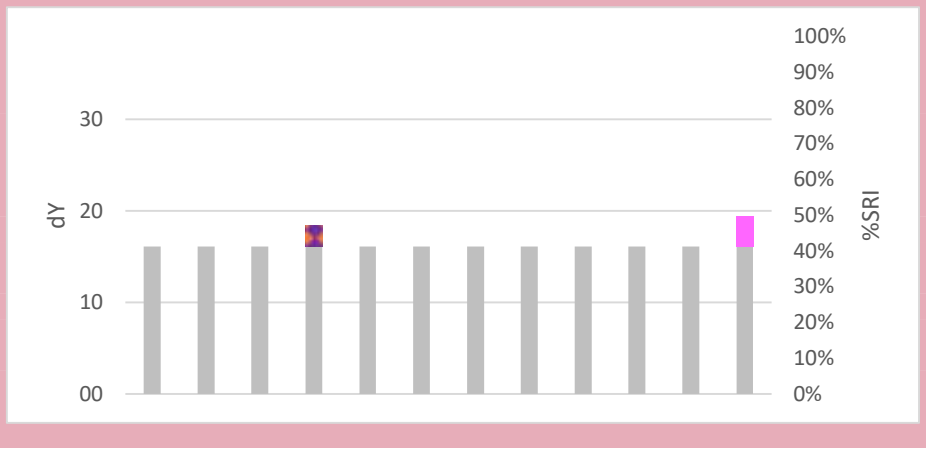
Order Code:	Substrate:	Yu:
PC-H056	Polyester/Cotton (PCN-01w3x)	87,9
P-H056	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

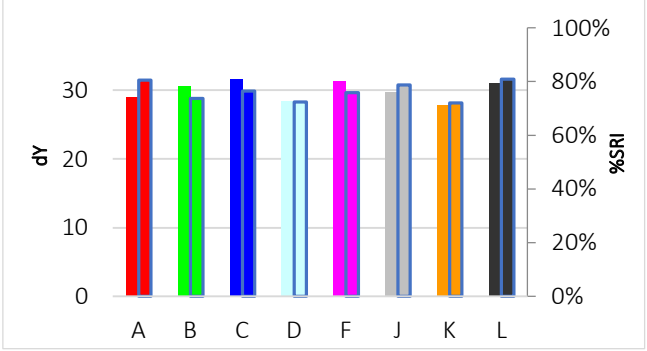


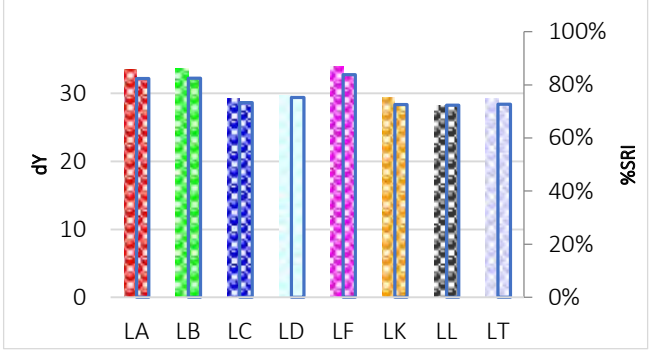


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H058

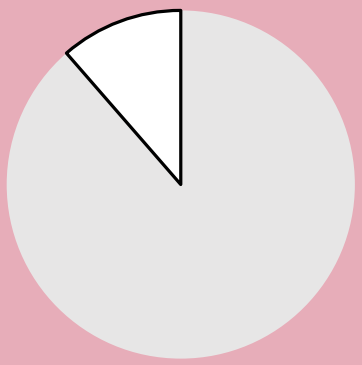
Salsa dip sauce

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

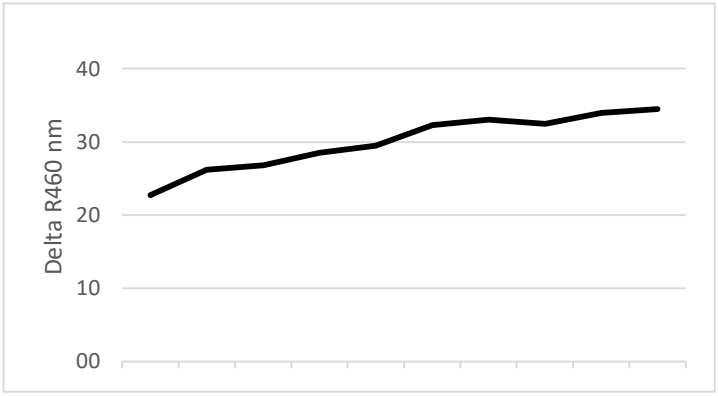
Order Code:	Substrate:	Yu:
C-H058	Woven Cotton (CN-11 w3x)	90,9
KC-H058	Knitted Cotton (CN-42w3x)	94,5

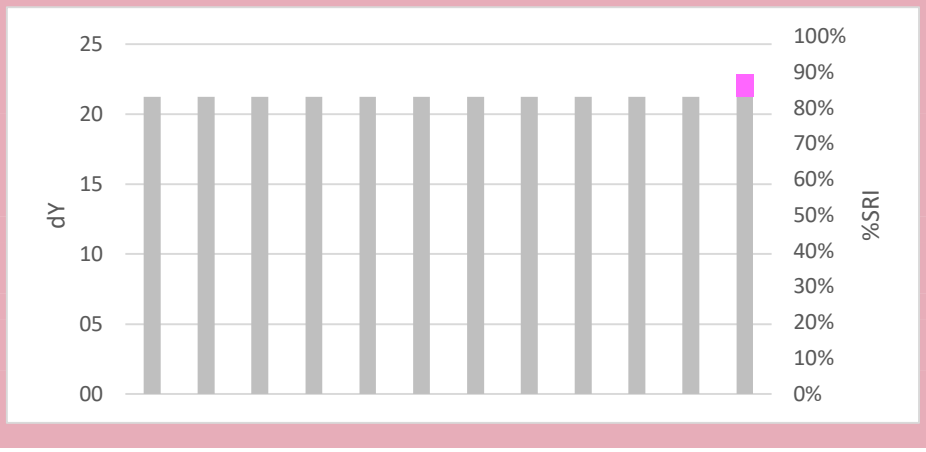
Order Code:	Substrate:	Yu:
PC-H058	Polyester/Cotton (PCN-01w3x)	87,9
P-H058	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

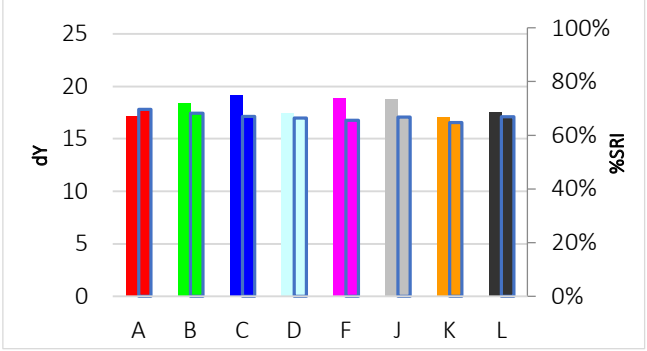


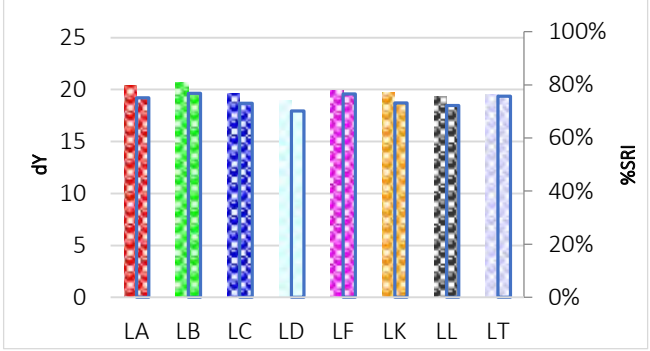


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H059

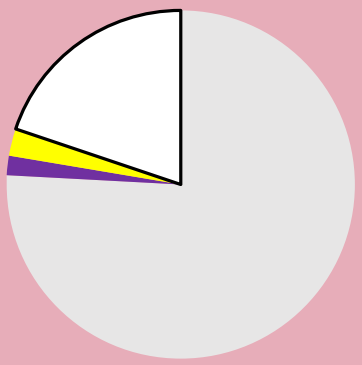
Hoisin sauce

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

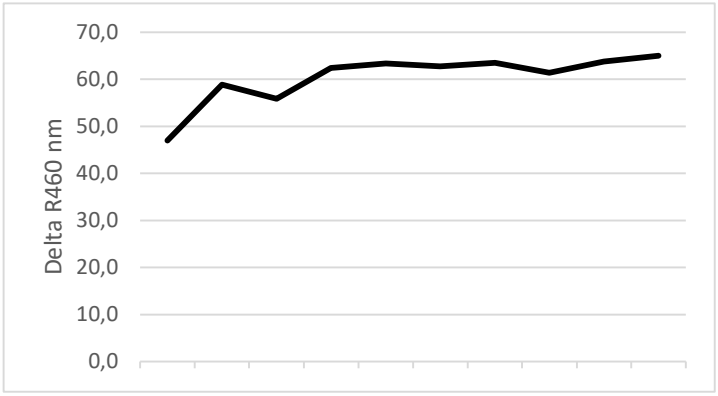
Order Code:	Substrate:	Yu:
C-H059	Woven Cotton (CN-11 w3x)	90,9
KC-H059	Knitted Cotton (CN-42w3x)	94,5

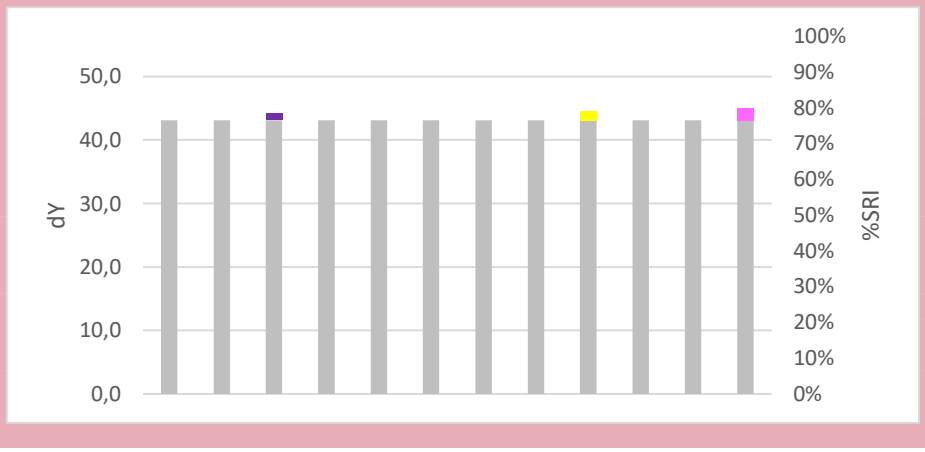
Order Code:	Substrate:	Yu:
PC-H059	Polyester/Cotton (PCN-01w3x)	87,9
P-H059	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

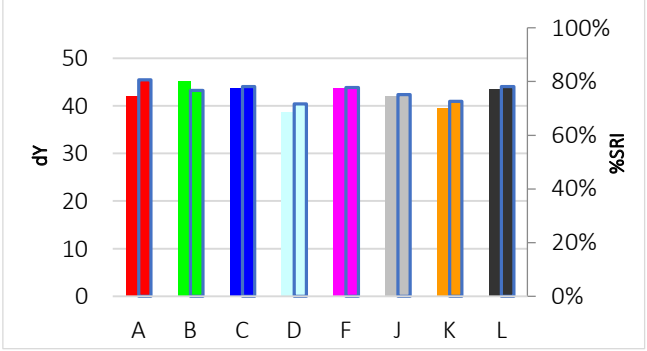


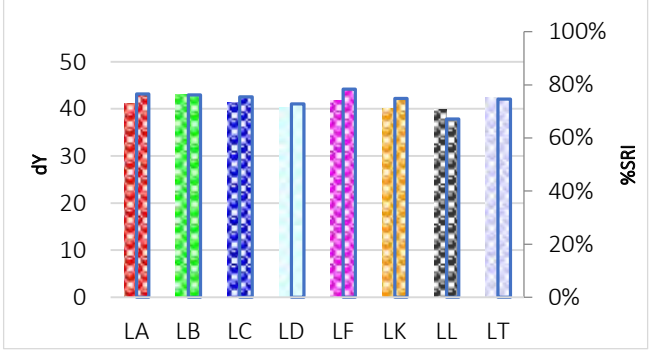


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H060

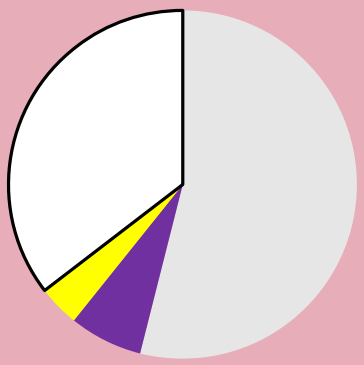
Worcestershire sauce

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

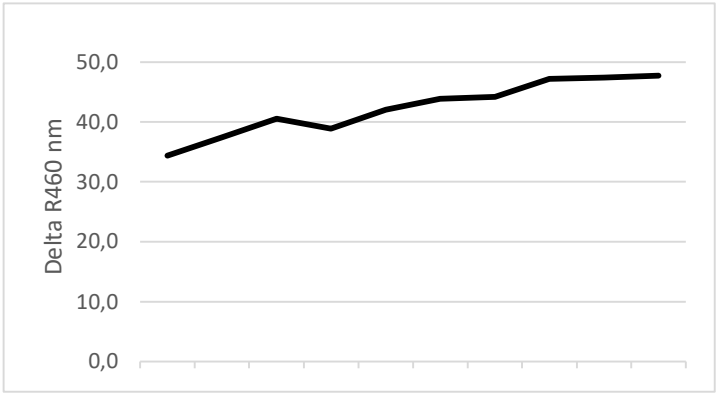
Order Code:	Substrate:	Yu:
C-H060	Woven Cotton (CN-11 w3x)	90,9
KC-H060	Knitted Cotton (CN-42w3x)	94,5

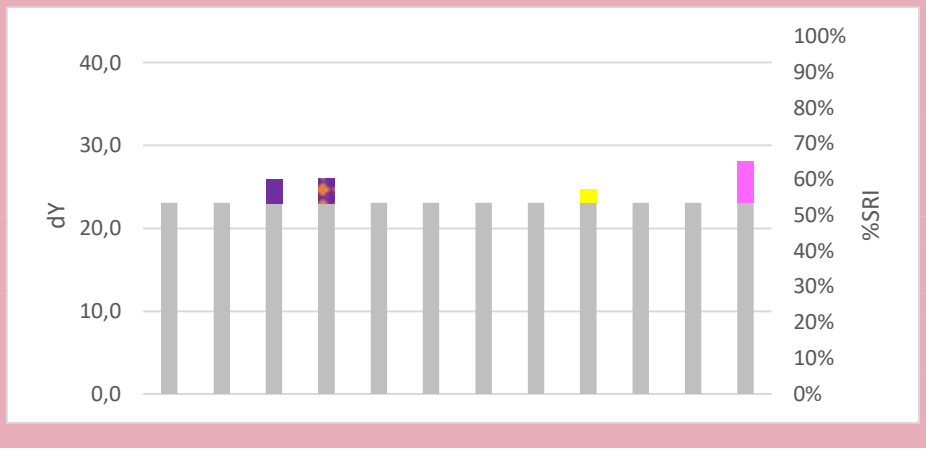
Order Code:	Substrate:	Yu:
PC-H060	Polyester/Cotton (PCN-01w3x)	87,9
P-H060	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

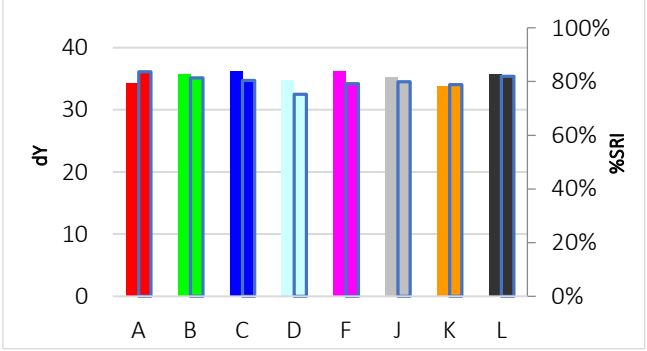


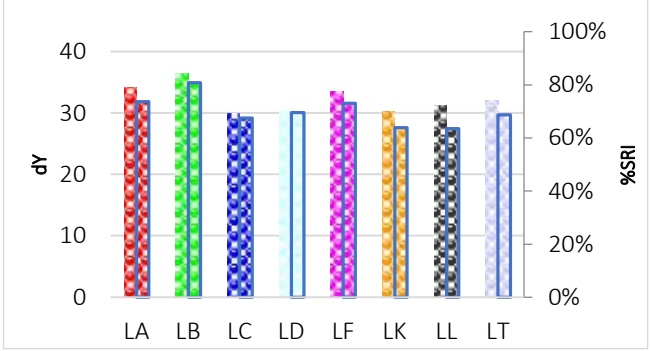


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H063

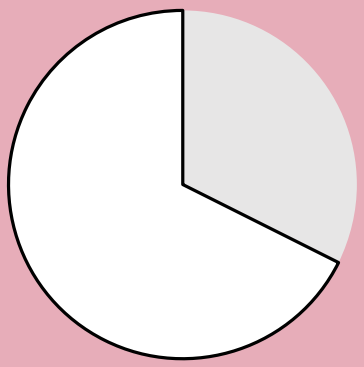
Curry with milk

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

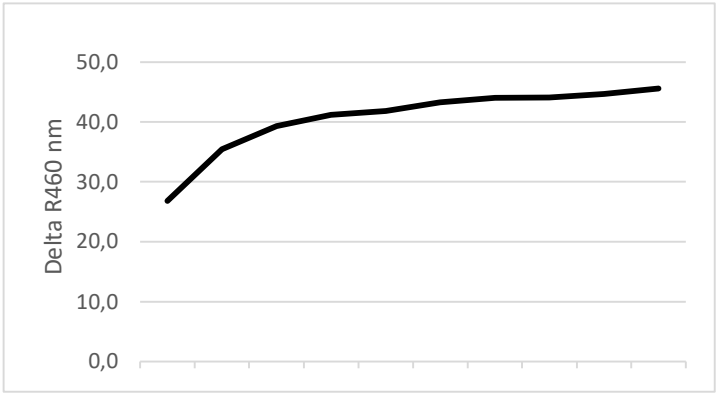
Order Code:	Substrate:	Yu:
C-H063	Woven Cotton (CN-11 w3x)	90,9
KC-H063	Knitted Cotton (CN-42w3x)	94,5

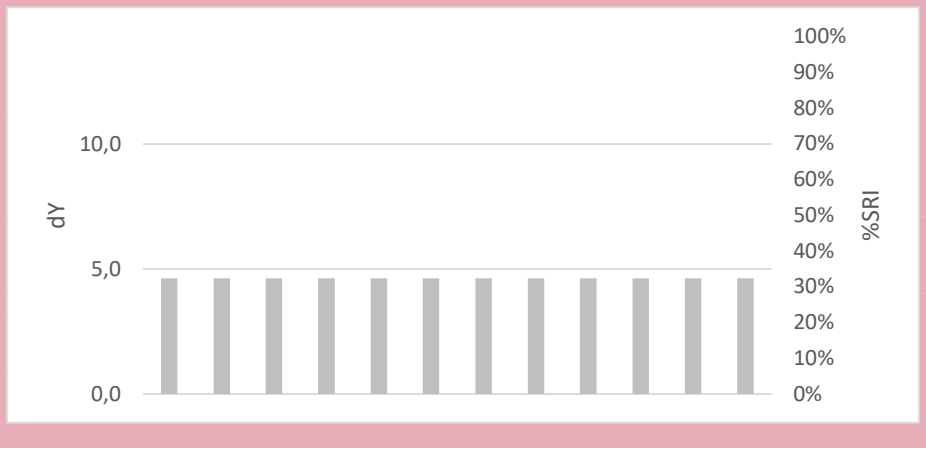
Order Code:	Substrate:	Yu:
PC-H063	Polyester/Cotton (PCN-01w3x)	87,9
P-H063	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

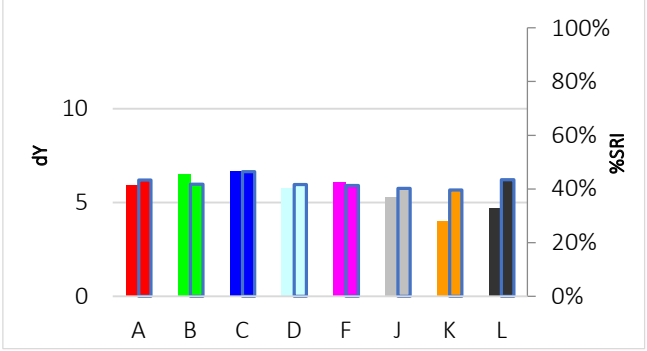


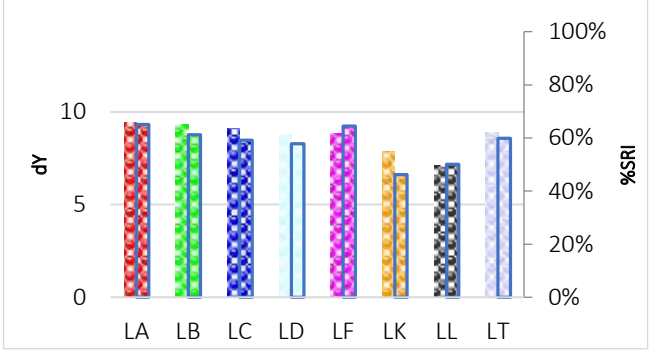


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H064

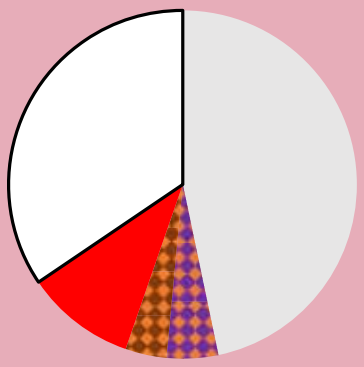
Curry with oil

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

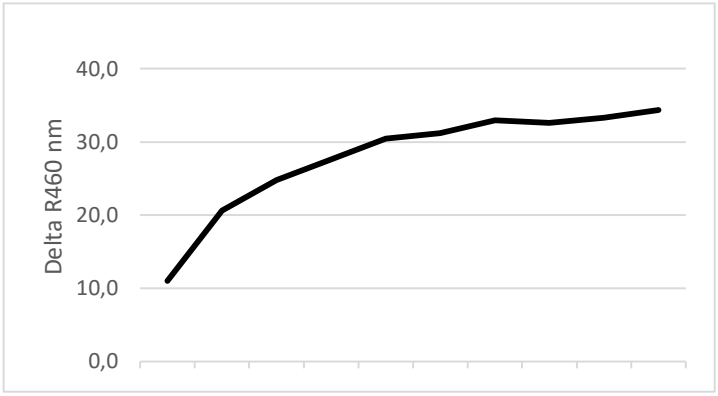
Order Code:	Substrate:	Yu:
C-H064	Woven Cotton (CN-11 w3x)	90,9
KC-H064	Knitted Cotton (CN-42w3x)	94,5

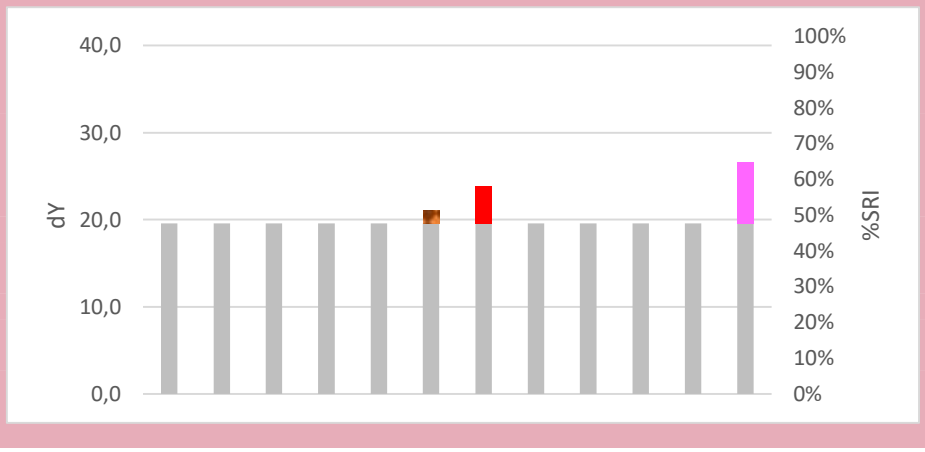
Order Code:	Substrate:	Yu:
PC-H064	Polyester/Cotton (PCN-01w3x)	87,9
P-H064	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

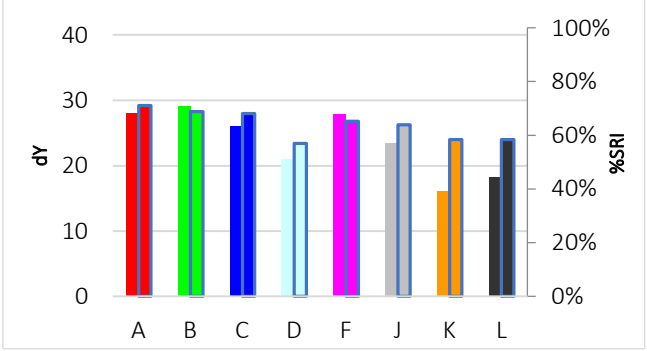


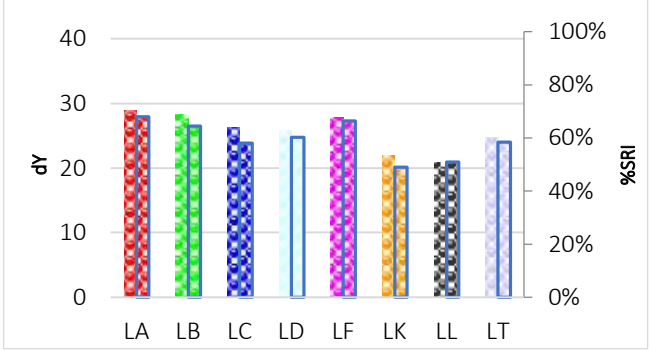


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H065

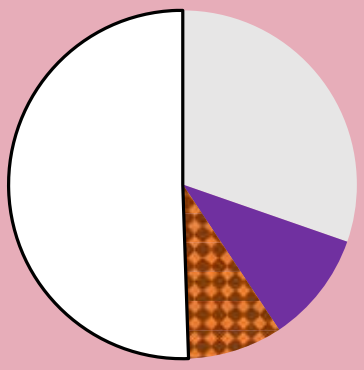
Curry, green paste

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

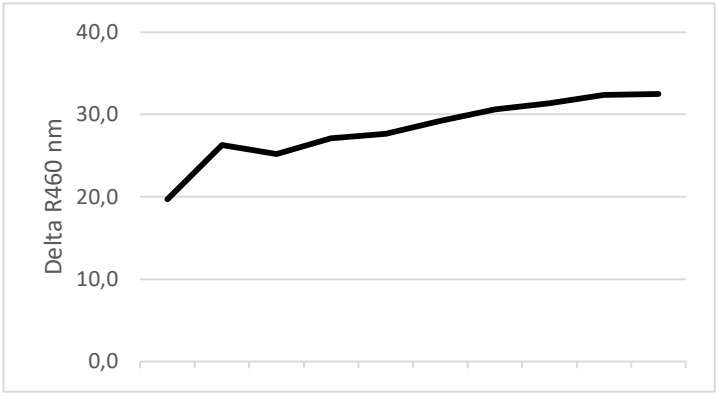
Order Code:	Substrate:	Yu:
C-H065	Woven Cotton (CN-11 w3x)	90,9
KC-H065	Knitted Cotton (CN-42w3x)	94,5

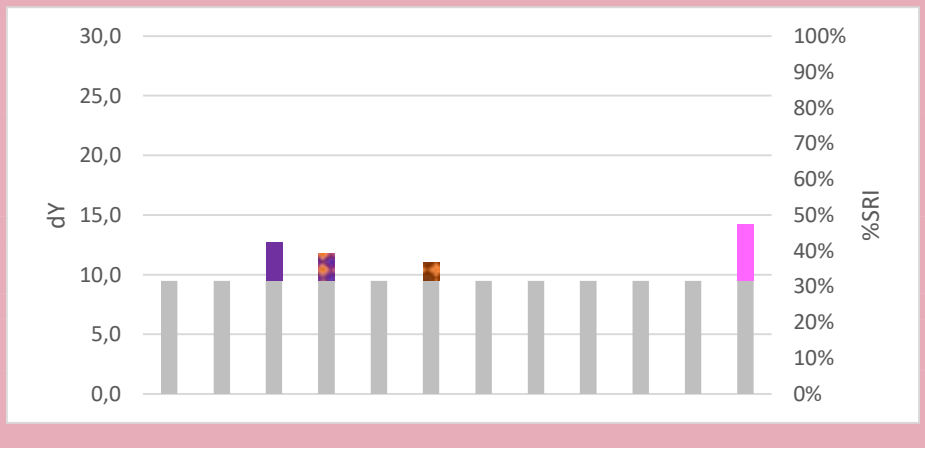
Order Code:	Substrate:	Yu:
PC-H065	Polyester/Cotton (PCN-01w3x)	87,9
P-H065	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

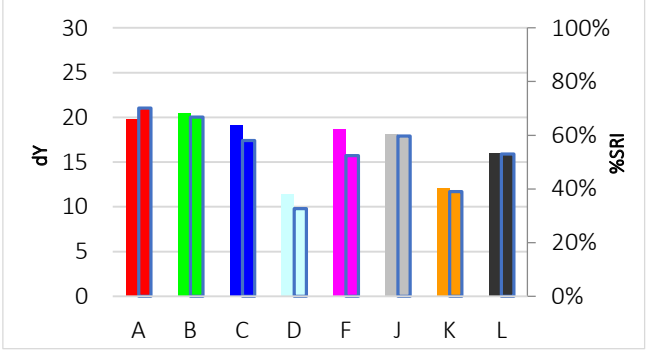


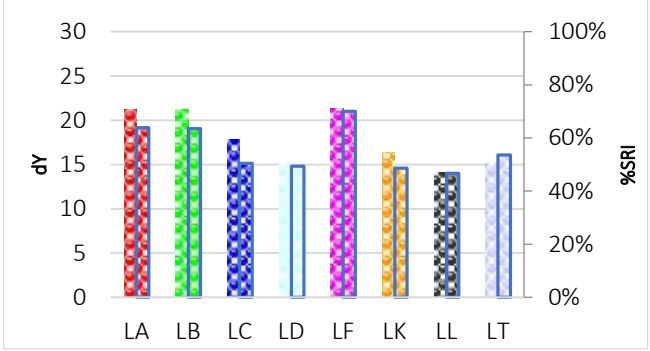


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H066

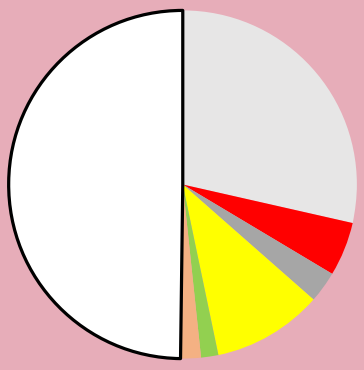
Tapenade, black olives

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★☆☆☆☆
Reliability Ratio: ★★★☆☆
Popularity: ★☆☆☆☆

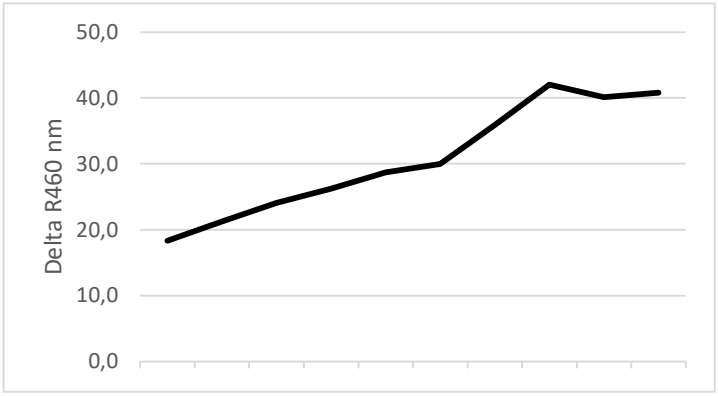
Order Code:	Substrate:	Yu:
C-H066	Woven Cotton (CN-11 w3x)	90,9
KC-H066	Knitted Cotton (CN-42w3x)	94,5

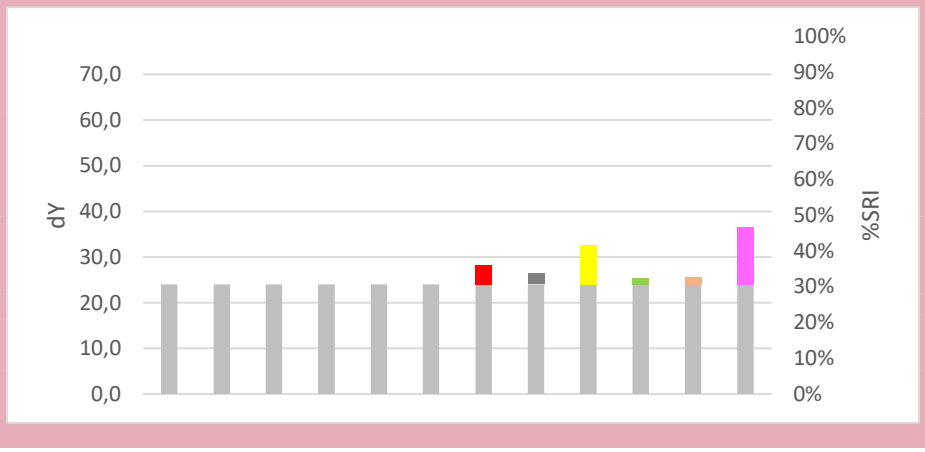
Order Code:	Substrate:	Yu:
PC-H066	Polyester/Cotton (PCN-01w3x)	87,9
P-H066	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

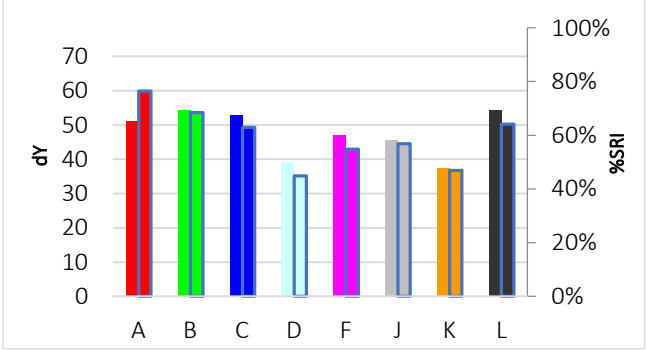


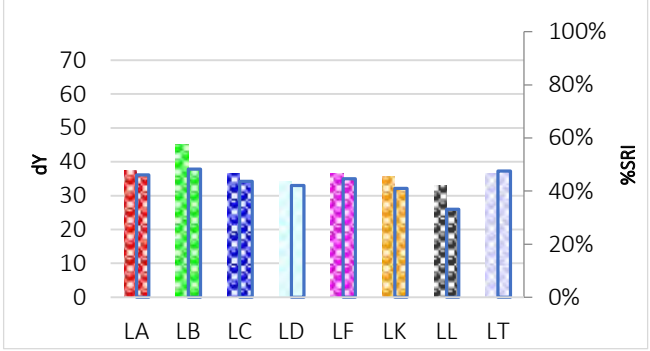


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H067

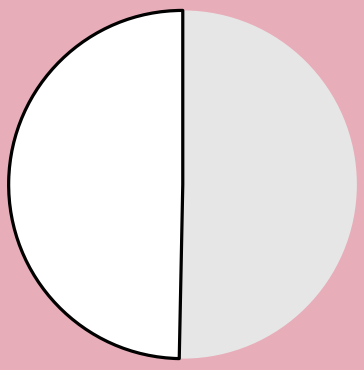
Spirits, Black Sun

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★☆☆☆☆

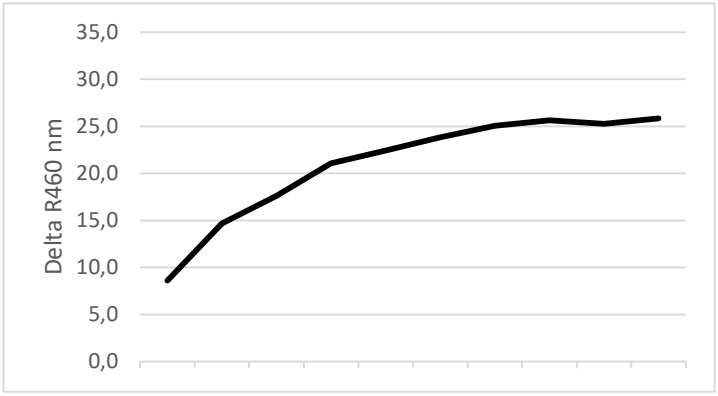
Order Code:	Substrate:	Yu:
C-H067	Woven Cotton (CN-11 w3x)	90,9
KC-H067	Knitted Cotton (CN-42w3x)	94,5

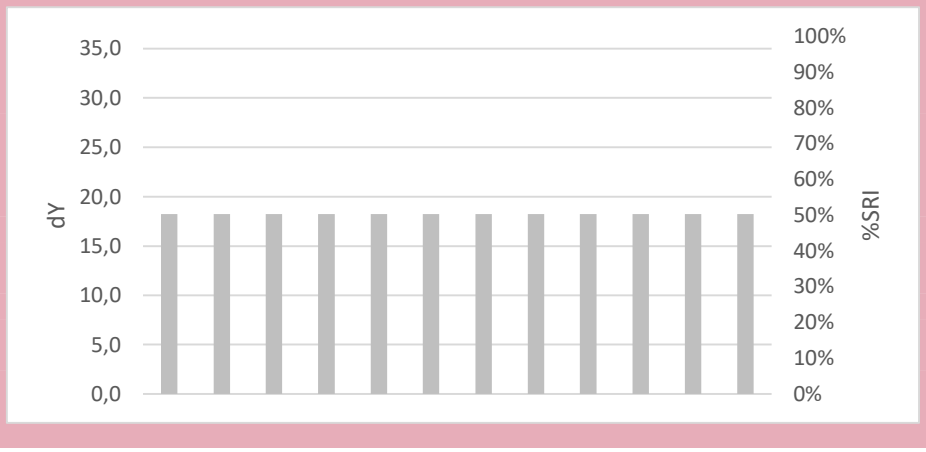
Order Code:	Substrate:	Yu:
PC-H067	Polyester/Cotton (PCN-01w3x)	87,9
P-H067	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

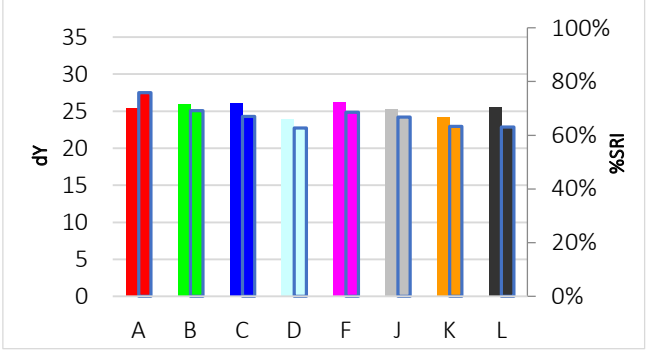


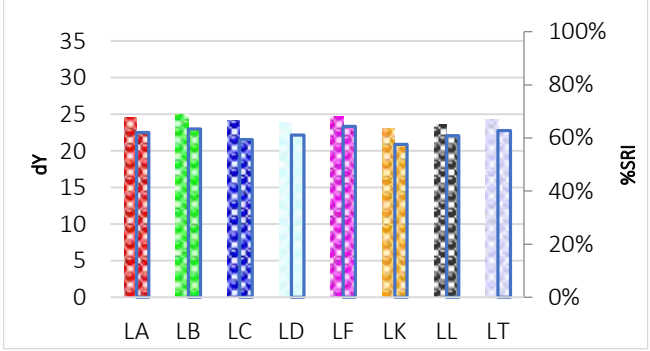


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H069

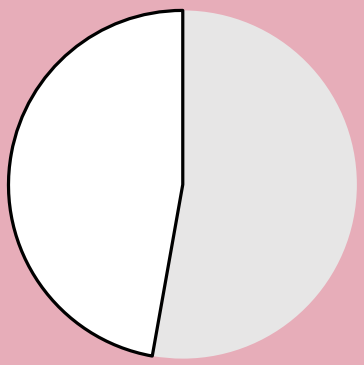
Hair paint, Poly Color

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

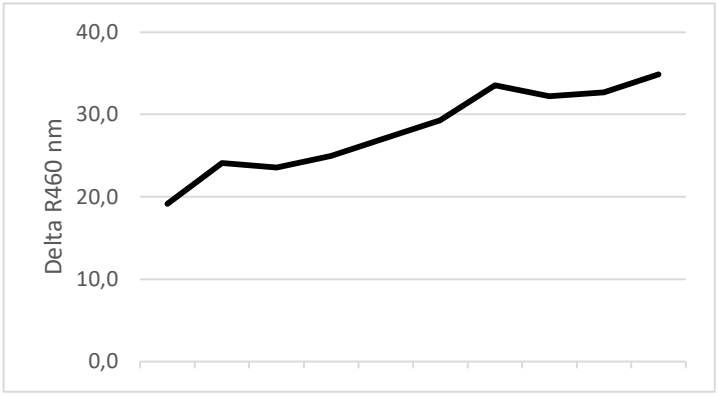
Order Code:	Substrate:	Yu:
C-H069	Woven Cotton (CN-11 w3x)	90,9
KC-H069	Knitted Cotton (CN-42w3x)	94,5

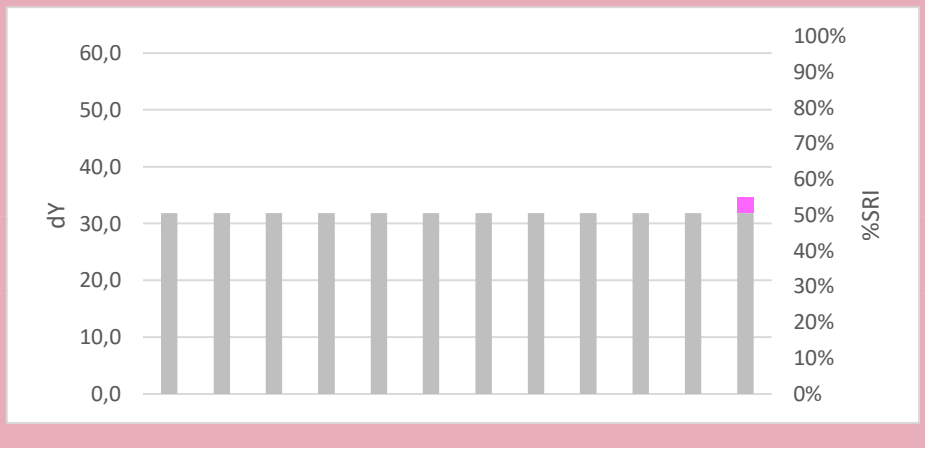
Order Code:	Substrate:	Yu:
PC-H069	Polyester/Cotton (PCN-01w3x)	87,9
P-H069	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

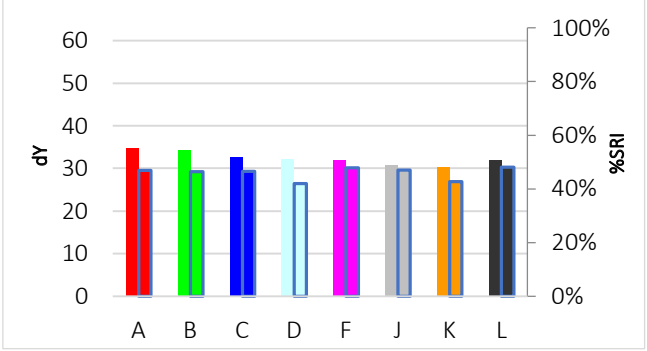


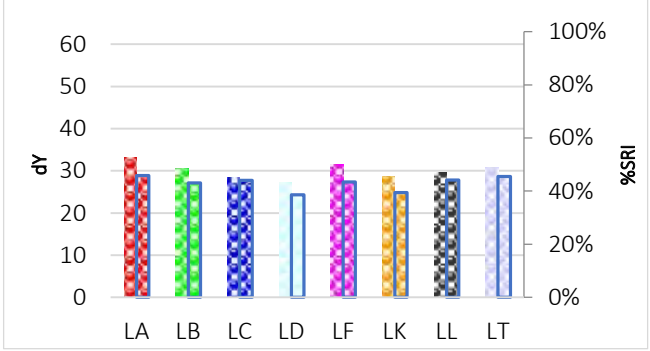


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H070

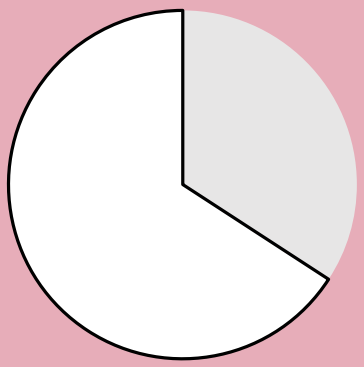
Shoe polish, azalee

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

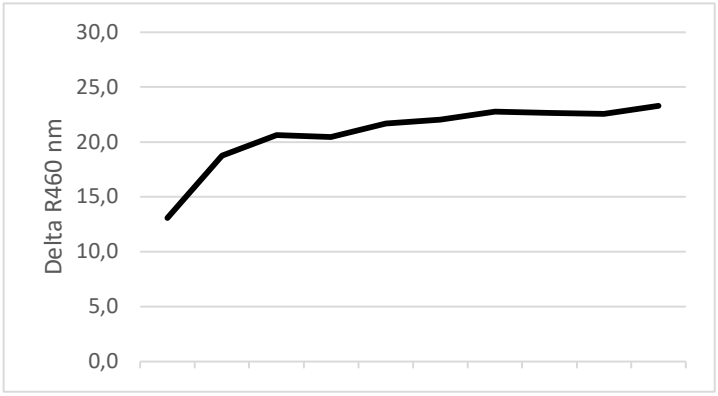
Order Code:	Substrate:	Yu:
C-H070	Woven Cotton (CN-11 w3x)	90,9
KC-H070	Knitted Cotton (CN-42w3x)	94,5

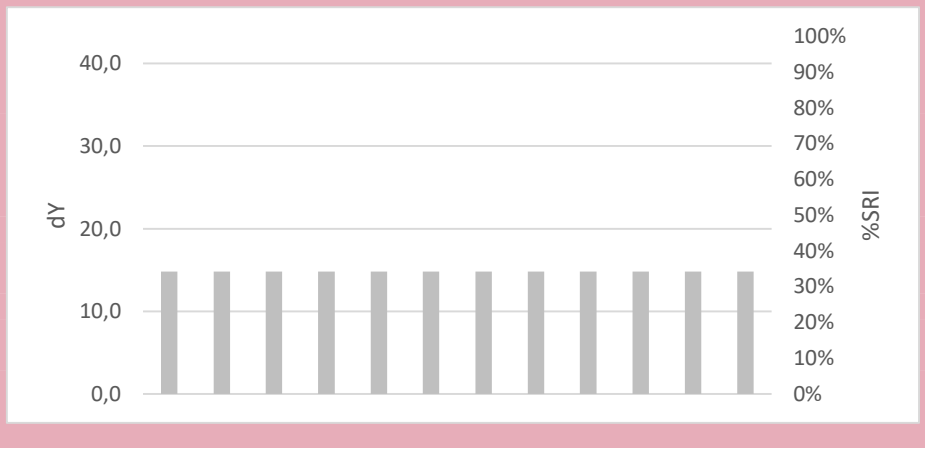
Order Code:	Substrate:	Yu:
PC-H070	Polyester/Cotton (PCN-01w3x)	87,9
P-H070	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

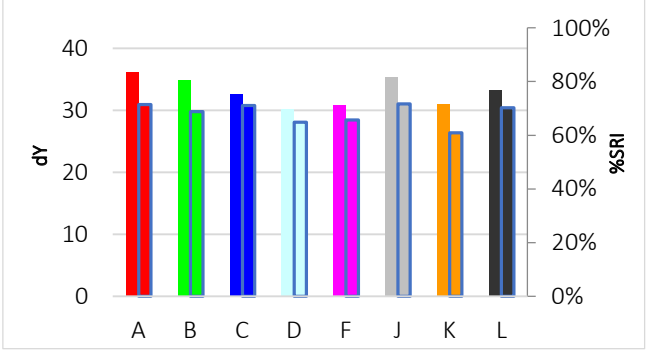


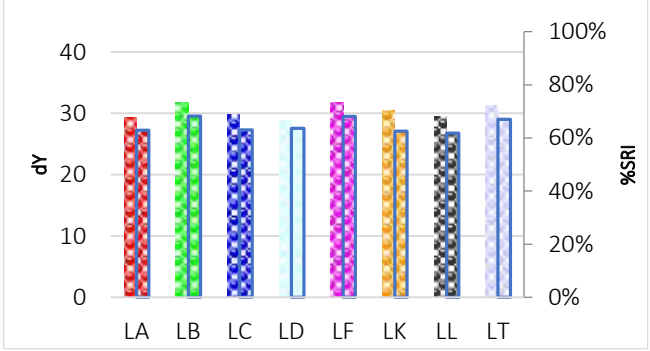


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H071

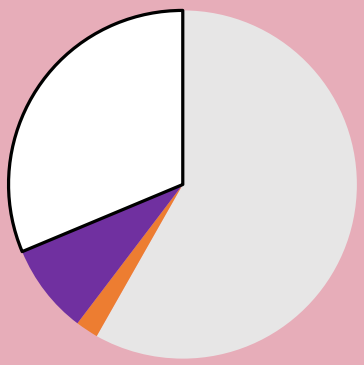
Shoe polish, black

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

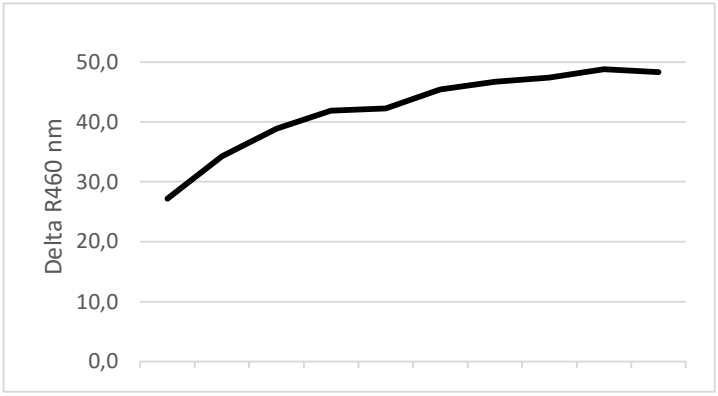
Order Code:	Substrate:	Yu:
C-H071	Woven Cotton (CN-11 w3x)	90,9
KC-H071	Knitted Cotton (CN-42w3x)	94,5

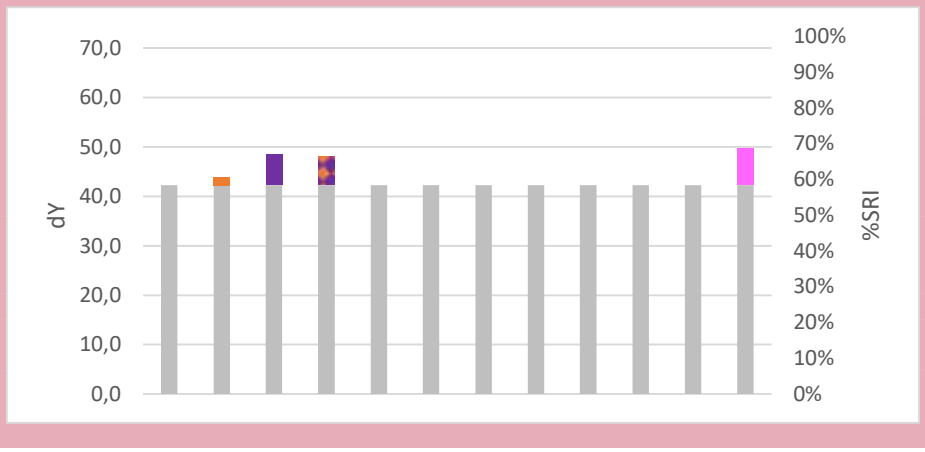
Order Code:	Substrate:	Yu:
PC-H071	Polyester/Cotton (PCN-01w3x)	87,9
P-H071	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

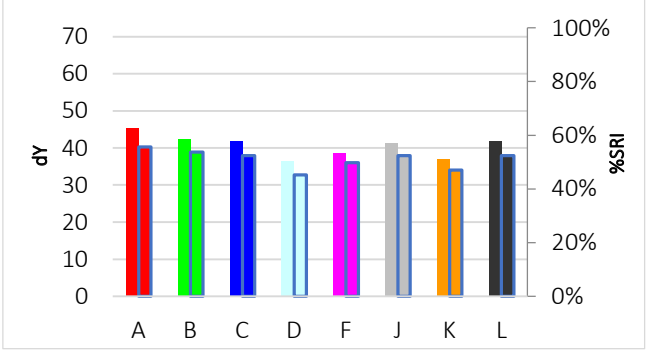


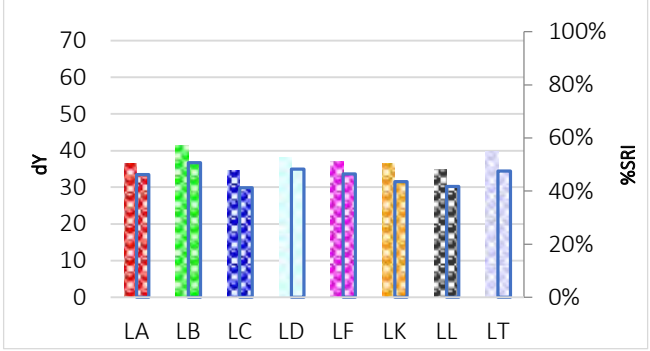


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H072

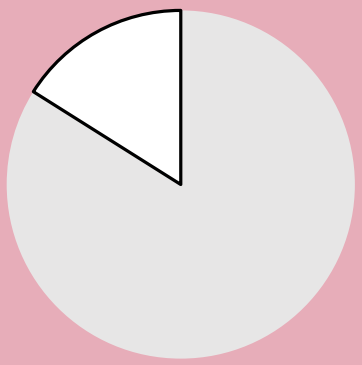
Shoe polish, orange

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

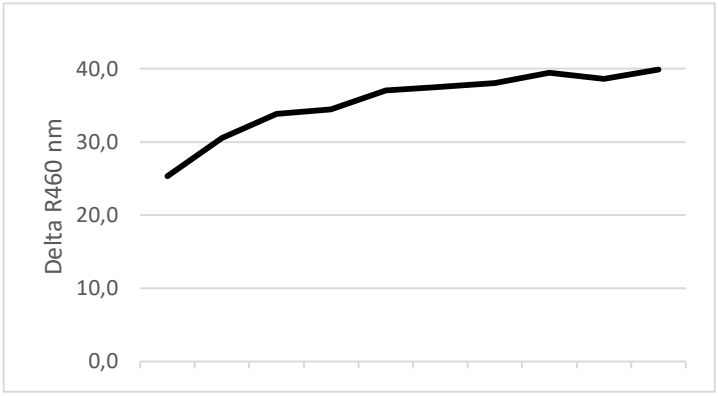
Order Code:	Substrate:	Yu:
C-H072	Woven Cotton (CN-11 w3x)	90,9
KC-H072	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H072	Polyester/Cotton (PCN-01w3x)	87,9
P-H072	Polyester (PN-01 w3x)	86,5

Detergent Component Response



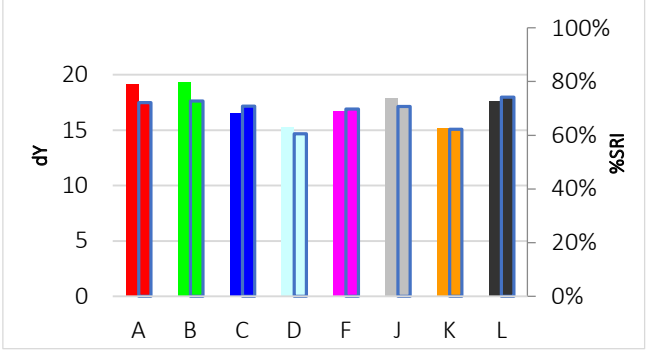
Detergent Dosage/Response & QC

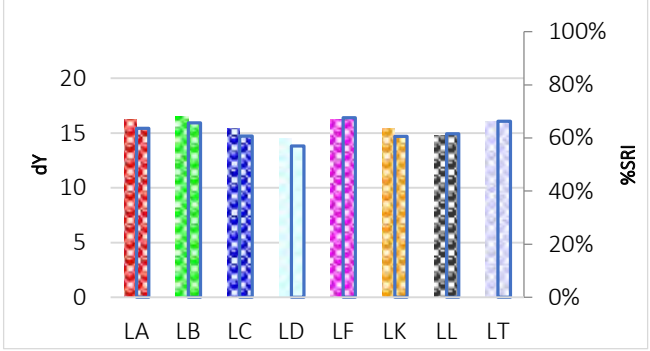


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H073

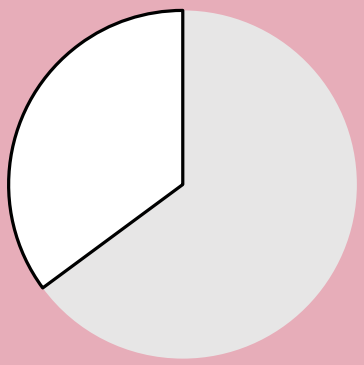
Make-up, diluted

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★☆☆
Popularity: ★★★☆☆

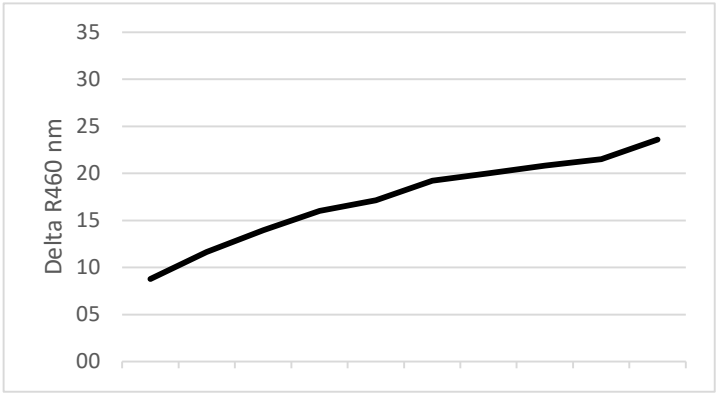
Order Code:	Substrate:	Yu:
C-H073	Woven Cotton (CN-11 w3x)	90,9
KC-H073	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H073	Polyester/Cotton (PCN-01w3x)	87,9
P-H073	Polyester (PN-01 w3x)	86,5

Detergent Component Response



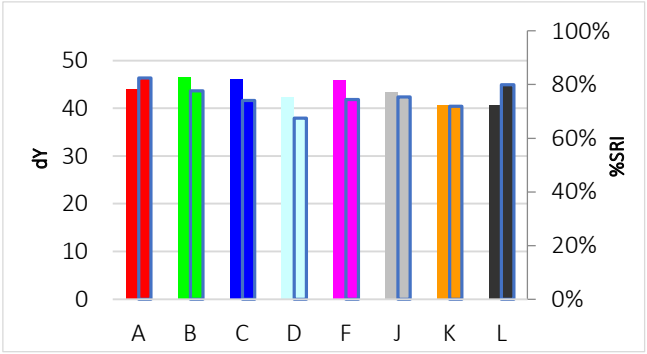
Detergent Dosage/Response & QC

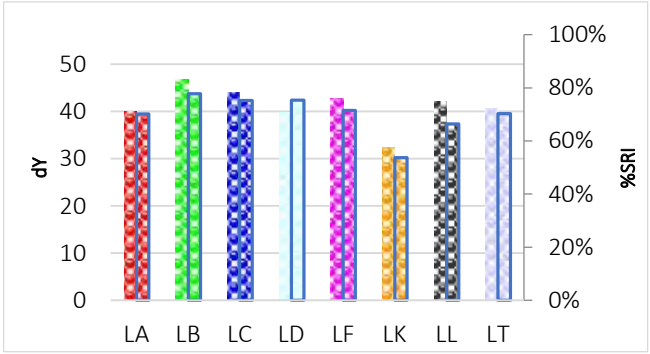


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H074

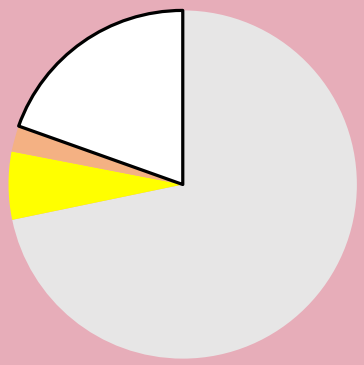
Tobacco

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

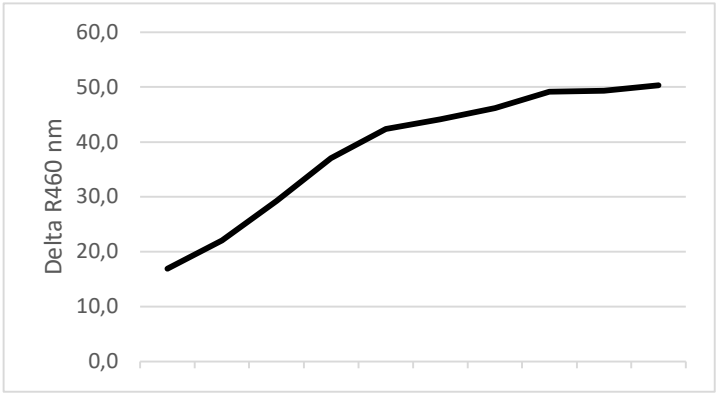
Order Code:	Substrate:	Yu:
C-H074	Woven Cotton (CN-11 w3x)	90,9
KC-H074	Knitted Cotton (CN-42w3x)	94,5

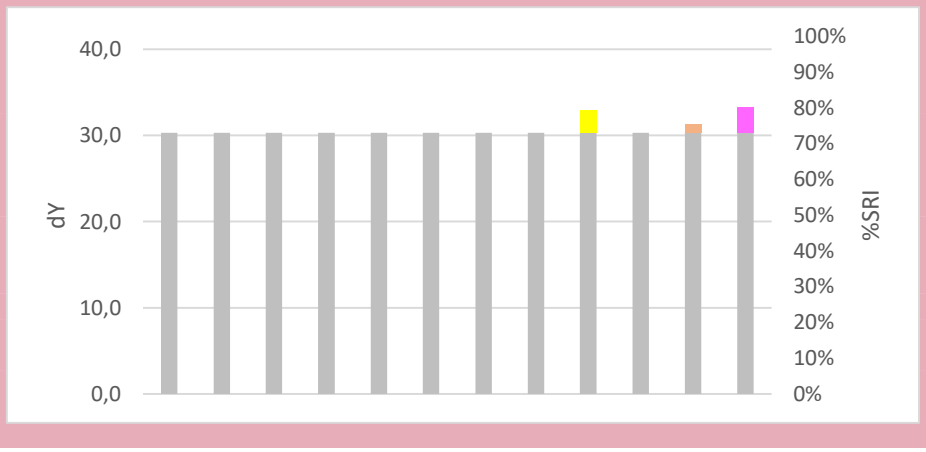
Order Code:	Substrate:	Yu:
PC-H074	Polyester/Cotton (PCN-01w3x)	87,9
P-H074	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

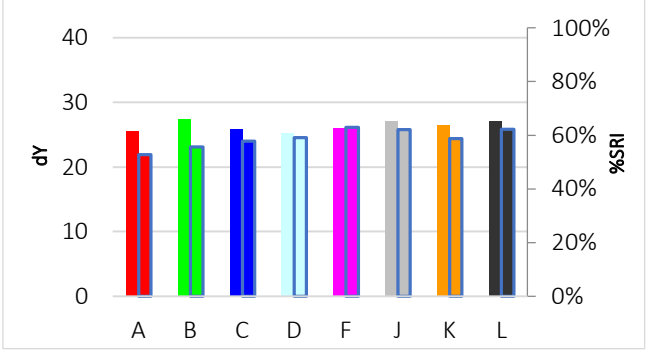


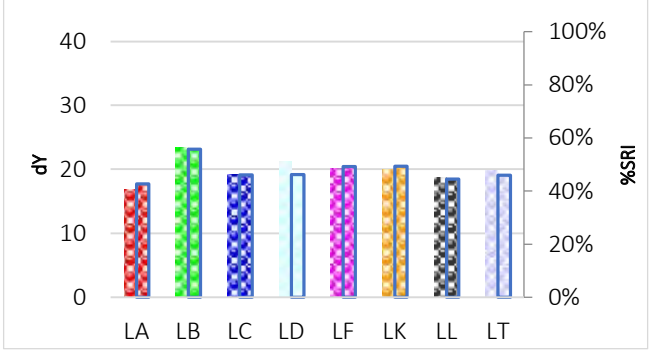


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H075

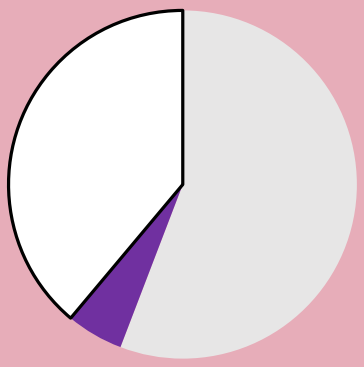
Salsa dip sauce, mild

Discriminative Power:
Reproducibility Ratio:
Reliability Ratio:
Popularity:

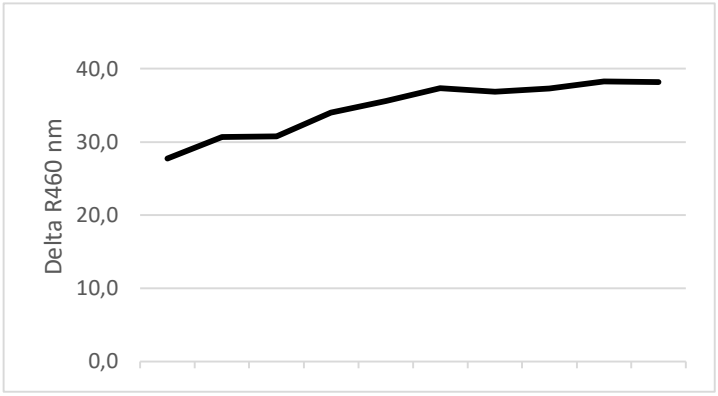
Order Code:	Substrate:	Yu:
C-H075	Woven Cotton (CN-11 w3x)	90,9
KC-H075	Knitted Cotton (CN-42w3x)	94,5

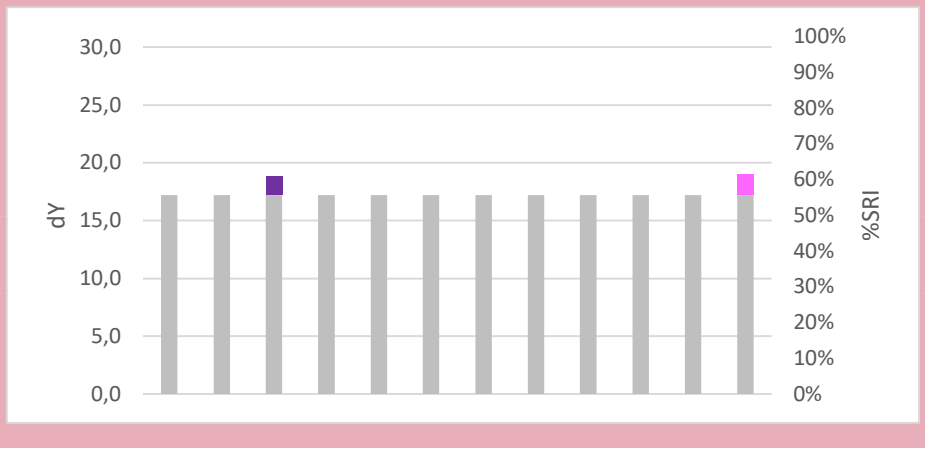
Order Code:	Substrate:	Yu:
PC-H075	Polyester/Cotton (PCN-01w3x)	87,9
P-H075	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

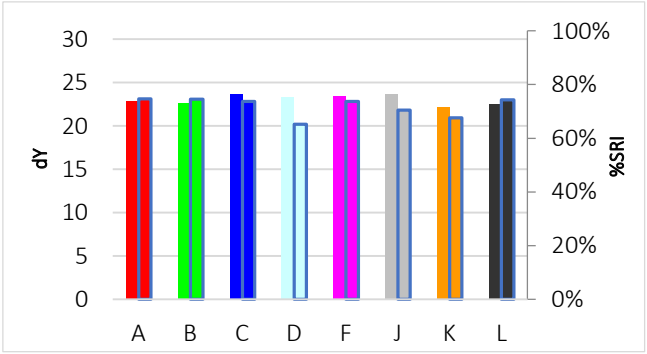


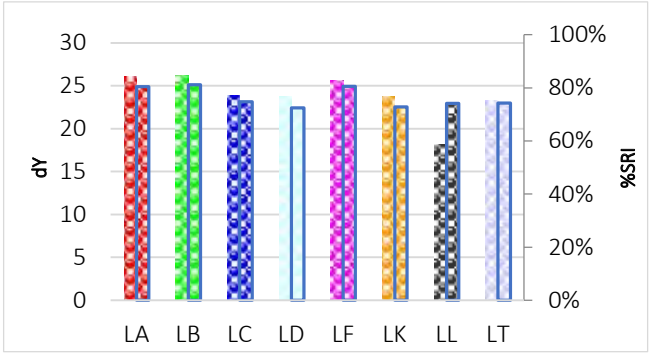


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT

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C-H076

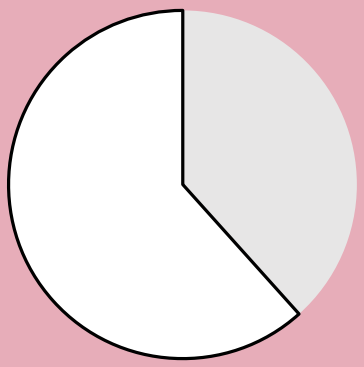
Guacamole dip sauce

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★★☆

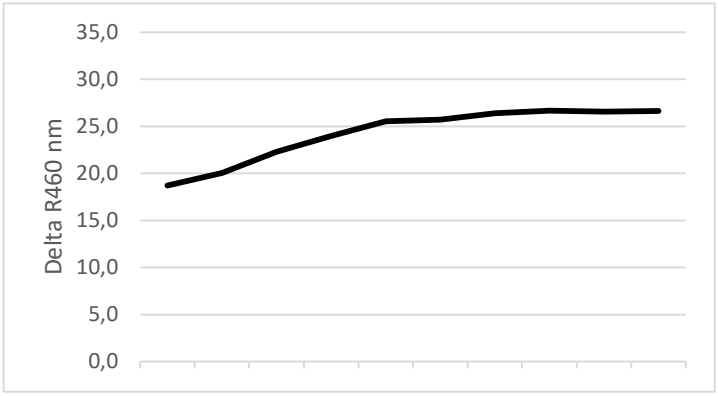
Order Code:	Substrate:	Yu:
C-H076	Woven Cotton (CN-11 w3x)	90,9
KC-H076	Knitted Cotton (CN-42w3x)	94,5

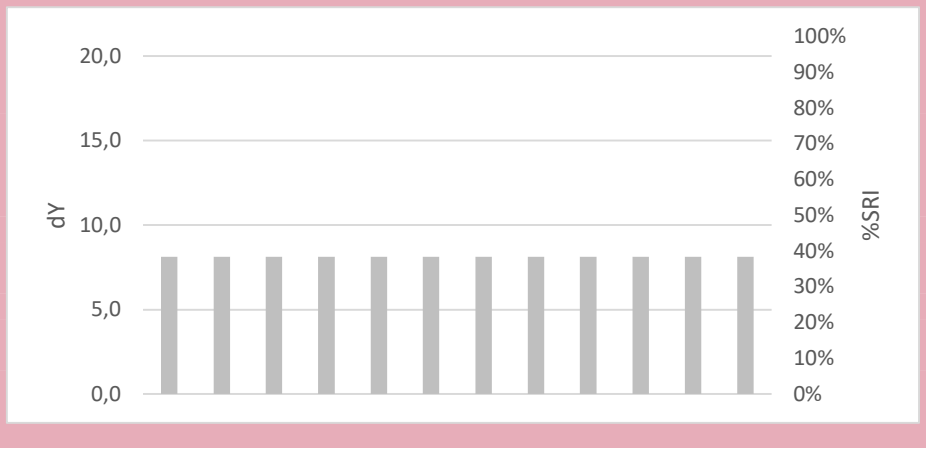
Order Code:	Substrate:	Yu:
PC-H076	Polyester/Cotton (PCN-01w3x)	87,9
P-H076	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

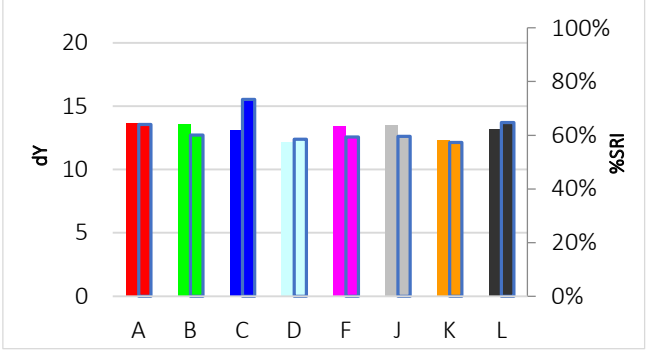


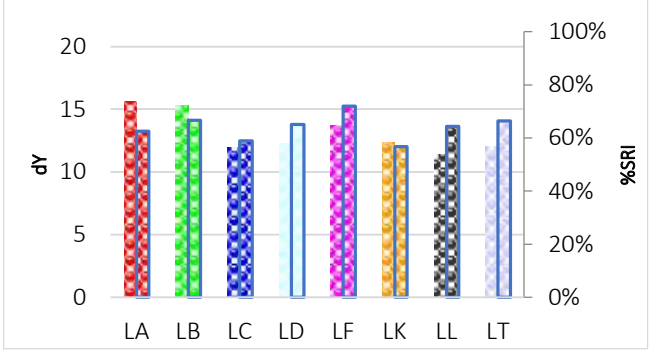


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H077

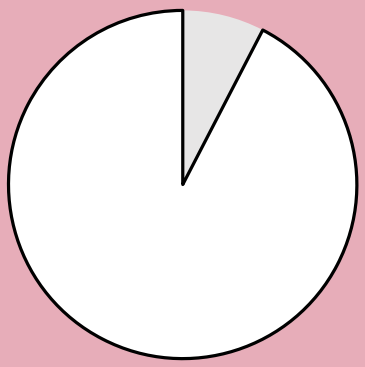
McDonald's French fries sauce

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★★
Popularity: ★★★☆☆

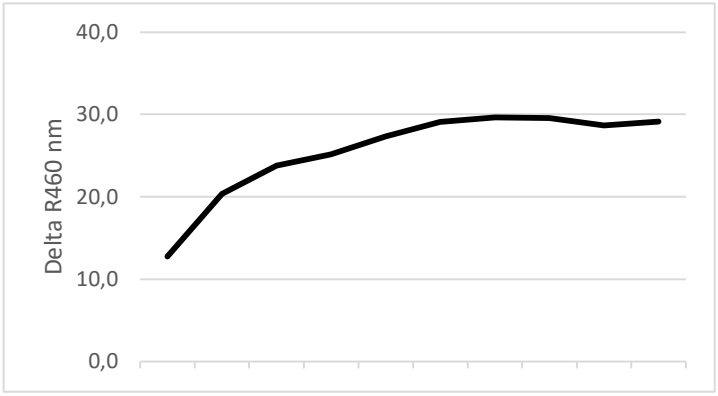
Order Code:	Substrate:	Yu:
C-H077	Woven Cotton (CN-11 w3x)	90,9
KC-H077	Knitted Cotton (CN-42w3x)	94,5

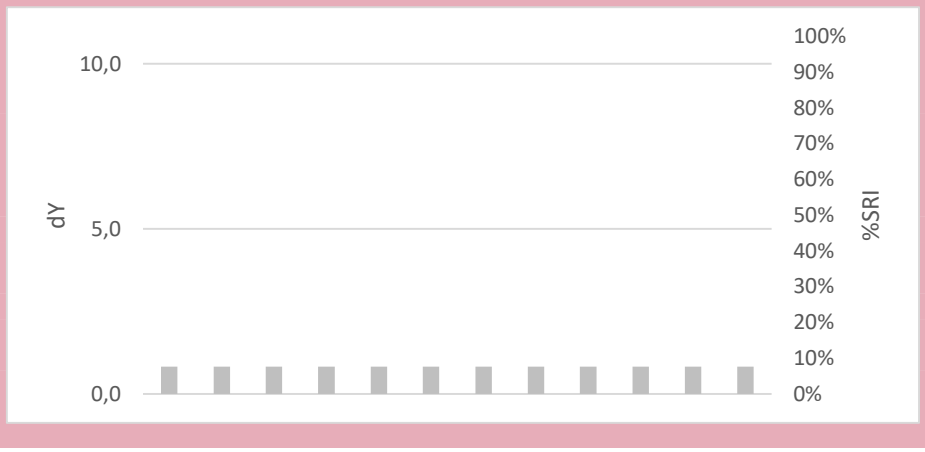
Order Code:	Substrate:	Yu:
PC-H077	Polyester/Cotton (PCN-01w3x)	87,9
P-H077	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

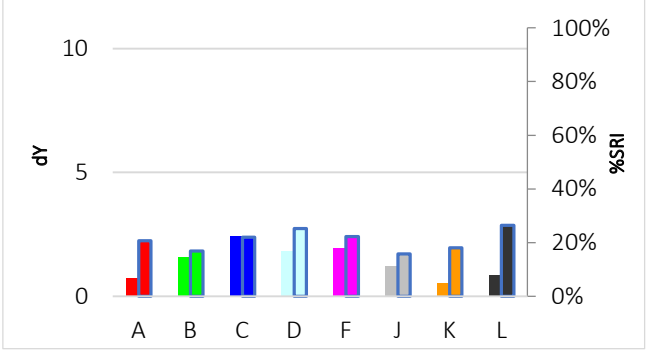


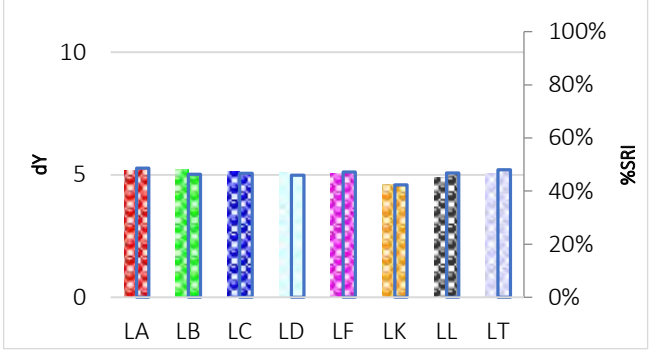


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
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C-H078

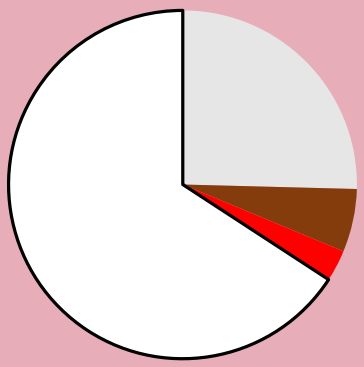
Lipstick (lipase sensitive)

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★☆☆☆☆
Popularity: ★★★★★

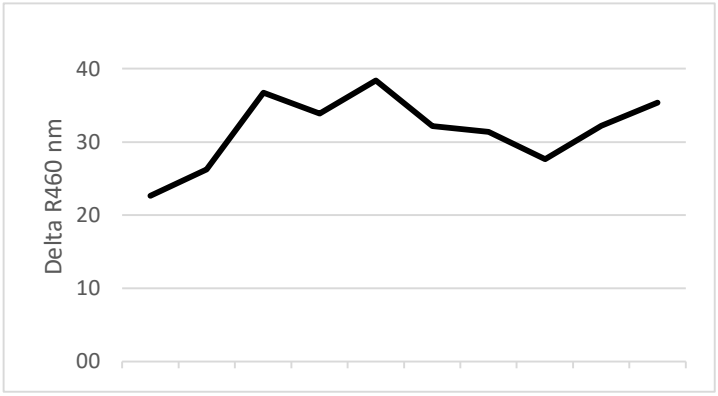
Order Code:	Substrate:	Yu:
C-H078	Woven Cotton (CN-11 w3x)	90,9
KC-H078	Knitted Cotton (CN-42w3x)	94,5

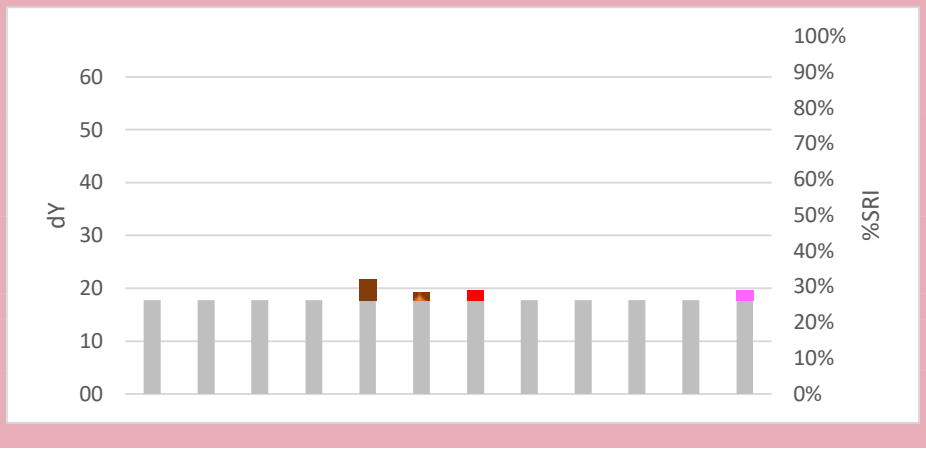
Order Code:	Substrate:	Yu:
PC-H078	Polyester/Cotton (PCN-01w3x)	87,9
P-H078	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

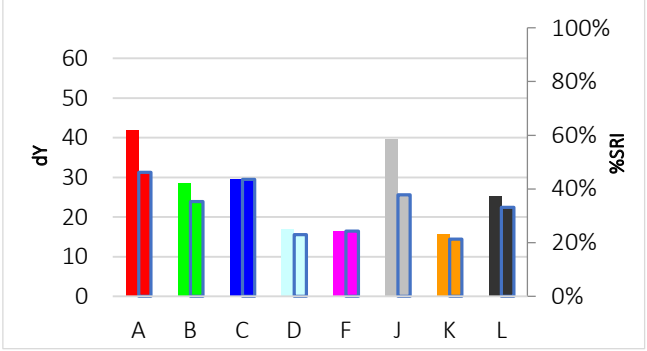


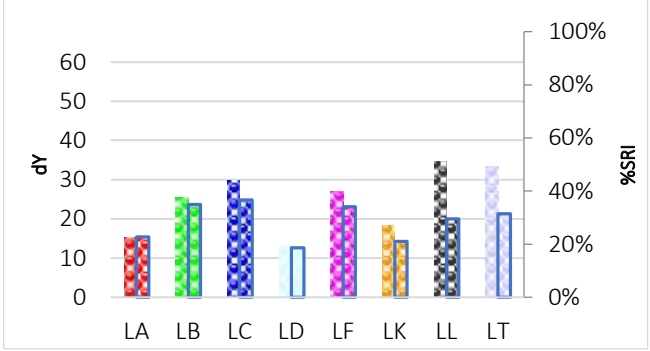


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H079

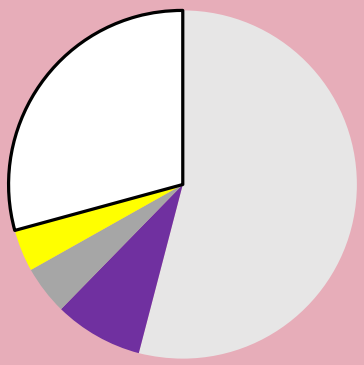
Tomato, Napolina

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

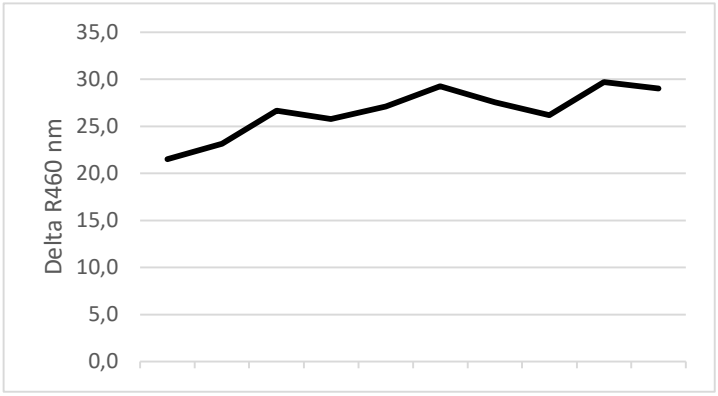
Order Code:	Substrate:	Yu:
C-H079	Woven Cotton (CN-11 w3x)	90,9
KC-H079	Knitted Cotton (CN-42w3x)	94,5

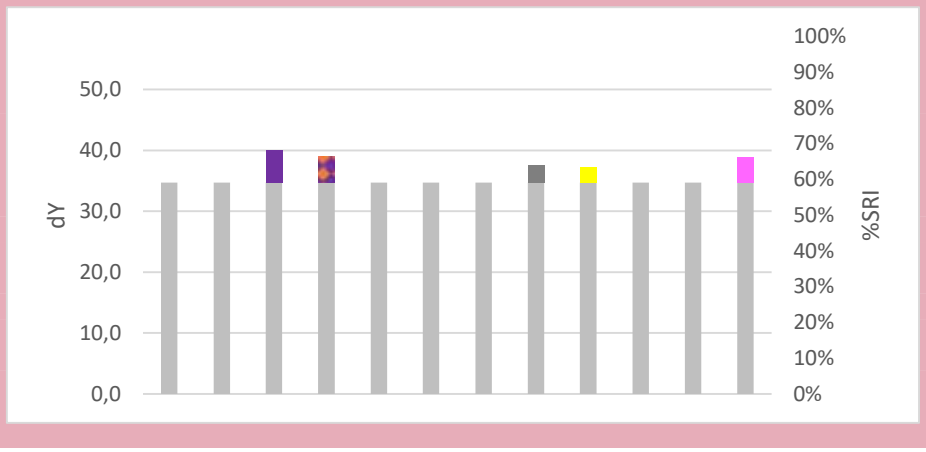
Order Code:	Substrate:	Yu:
PC-H079	Polyester/Cotton (PCN-01w3x)	87,9
P-H079	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

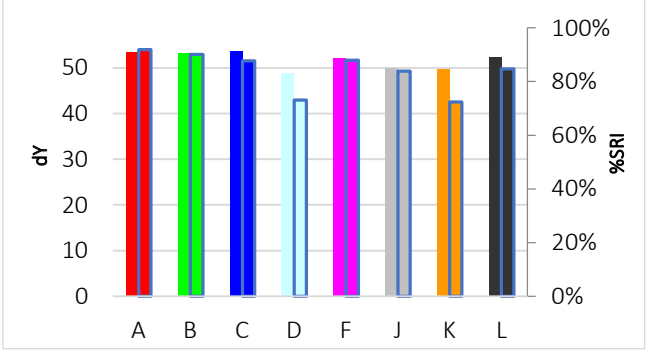


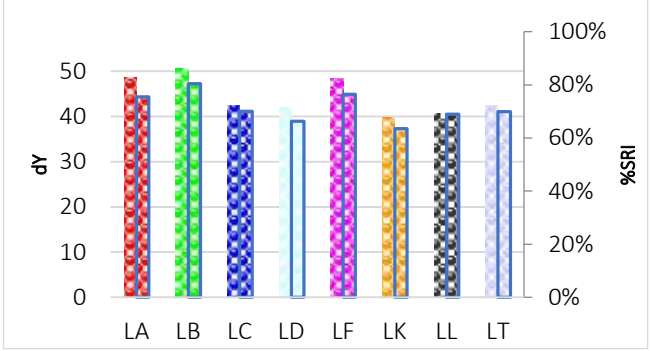


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H080

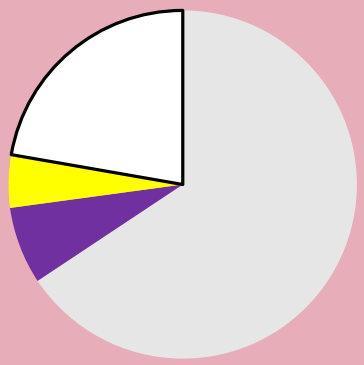
Grass/mud

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★☆☆
Popularity: ★★★★☆

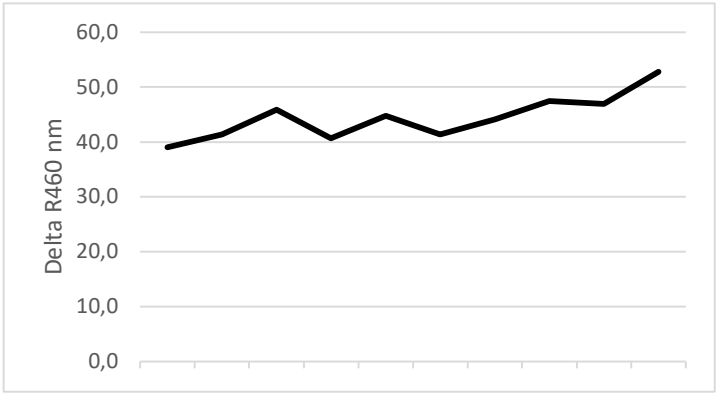
Order Code:	Substrate:	Yu:
C-H080	Woven Cotton (CN-11 w3x)	90,9
KC-H080	Knitted Cotton (CN-42w3x)	94,5

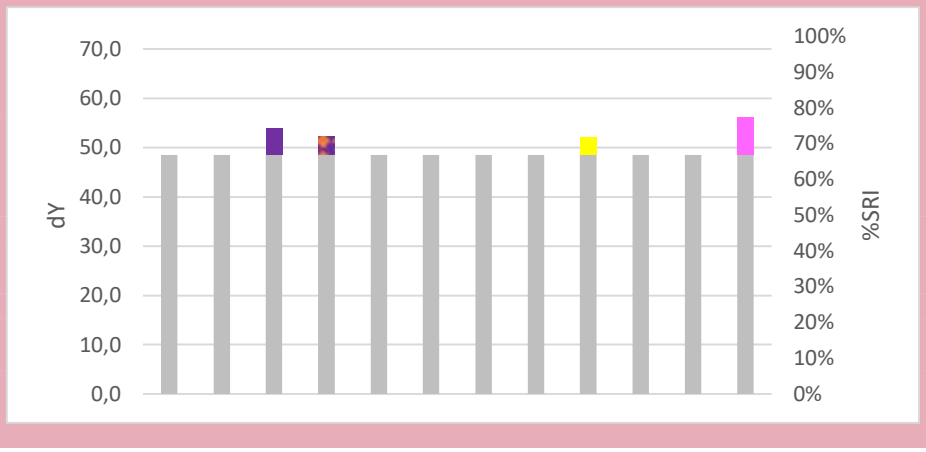
Order Code:	Substrate:	Yu:
PC-H080	Polyester/Cotton (PCN-01w3x)	87,9
P-H080	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

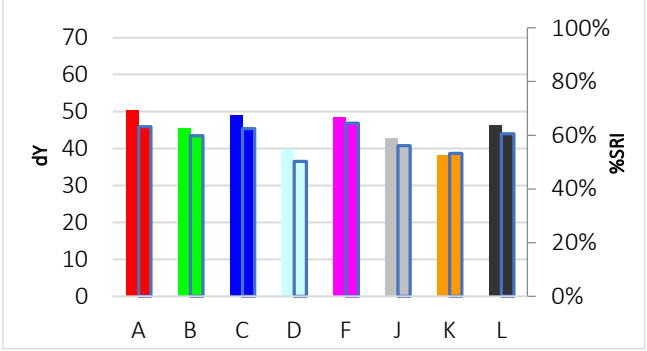


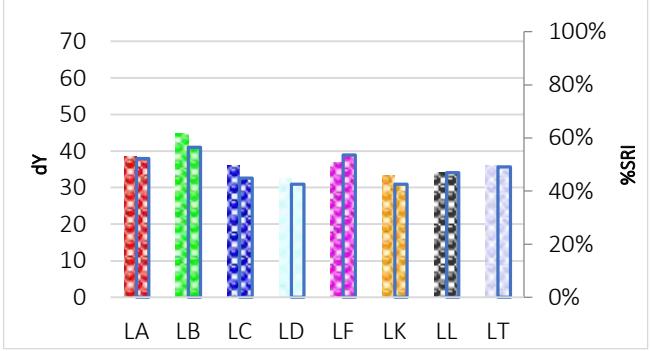


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H081

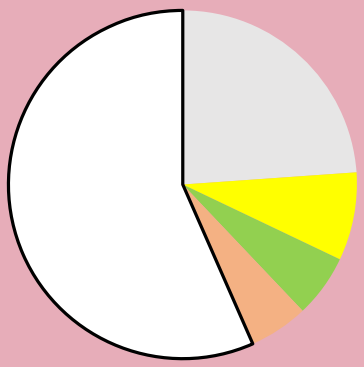
Highlighter, orange

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

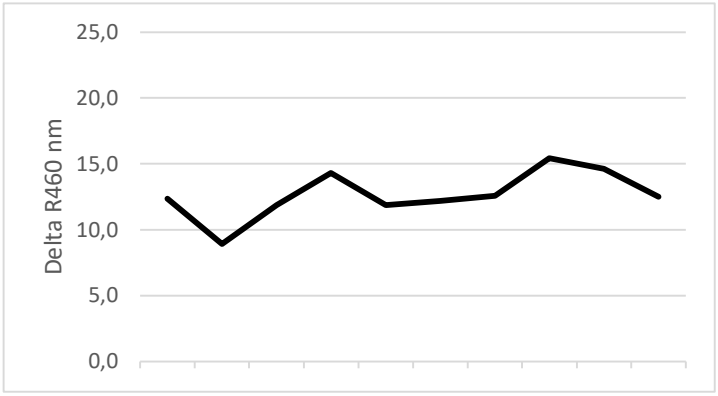
Order Code:	Substrate:	Yu:
C-H081	Woven Cotton (CN-11 w3x)	90,9
KC-H081	Knitted Cotton (CN-42w3x)	94,5

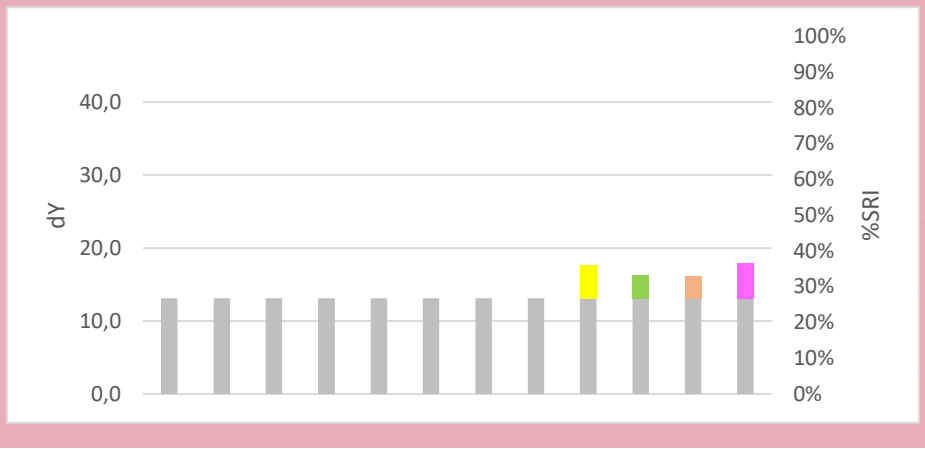
Order Code:	Substrate:	Yu:
PC-H081	Polyester/Cotton (PCN-01w3x)	87,9
P-H081	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

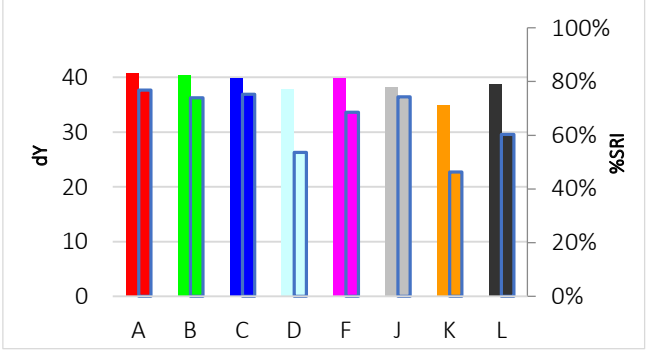


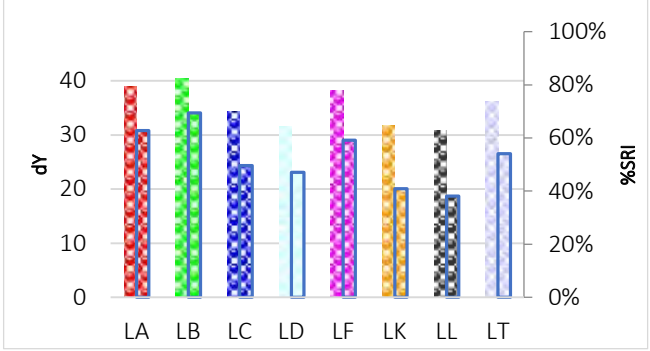


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
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C-H082

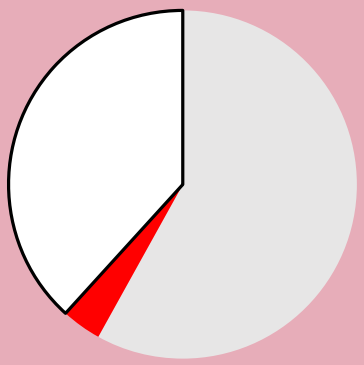
Sebum BEY with carbon black

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

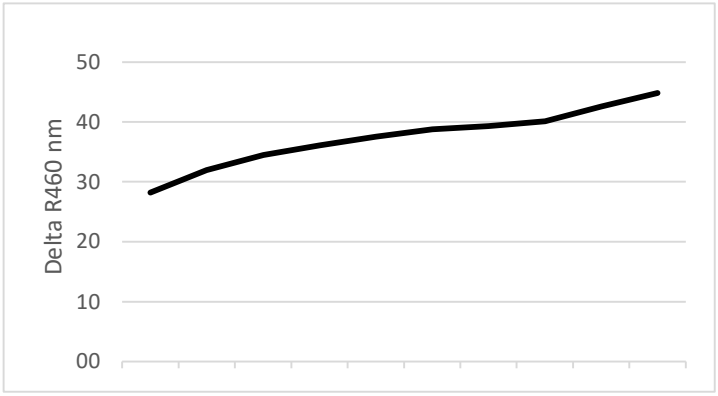
Order Code:	Substrate:	Yu:
C-H082	Woven Cotton (CN-11 w3x)	90,9
KC-H082	Knitted Cotton (CN-42w3x)	94,5

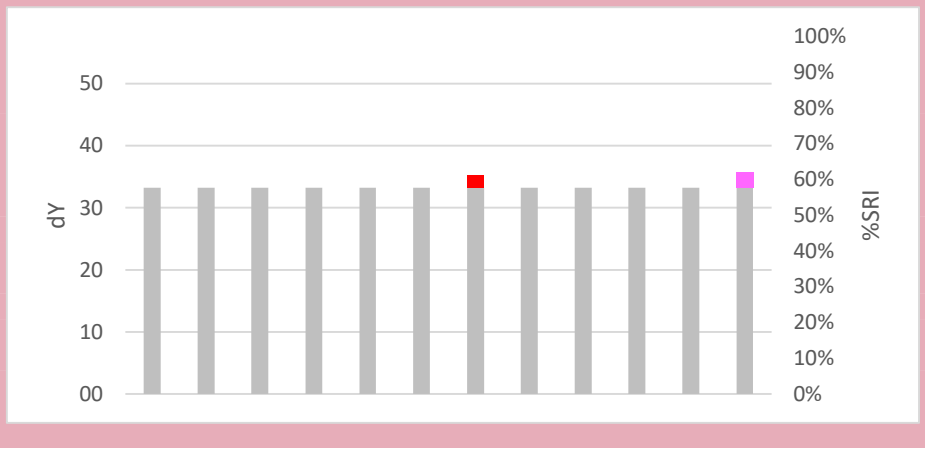
Order Code:	Substrate:	Yu:
PC-H082	Polyester/Cotton (PCN-01w3x)	87,9
P-H082	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

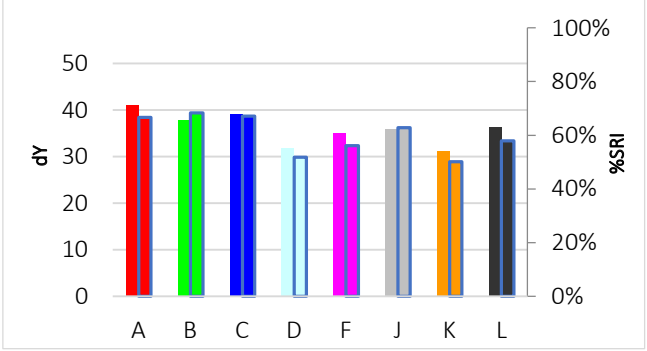


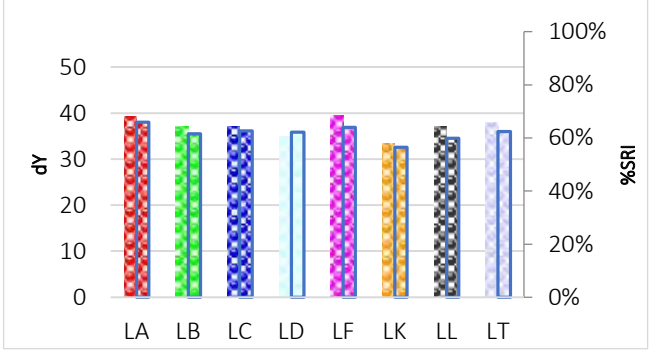


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H083

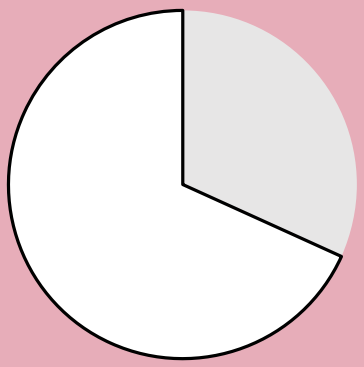
Tanning lotion

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★★☆

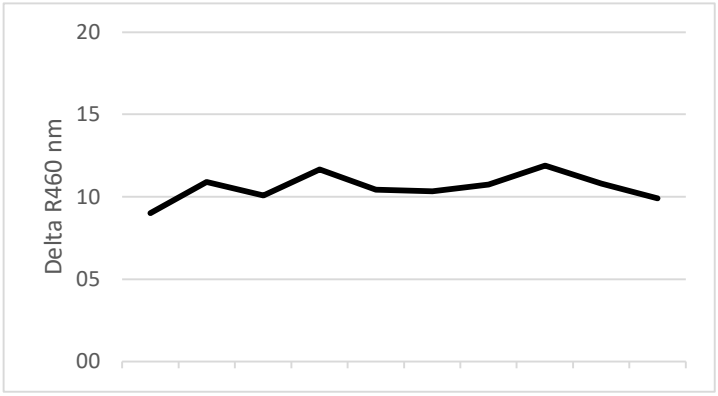
Order Code:	Substrate:	Yu:
C-H083	Woven Cotton (CN-11 w3x)	90,9
KC-H083	Knitted Cotton (CN-42w3x)	94,5

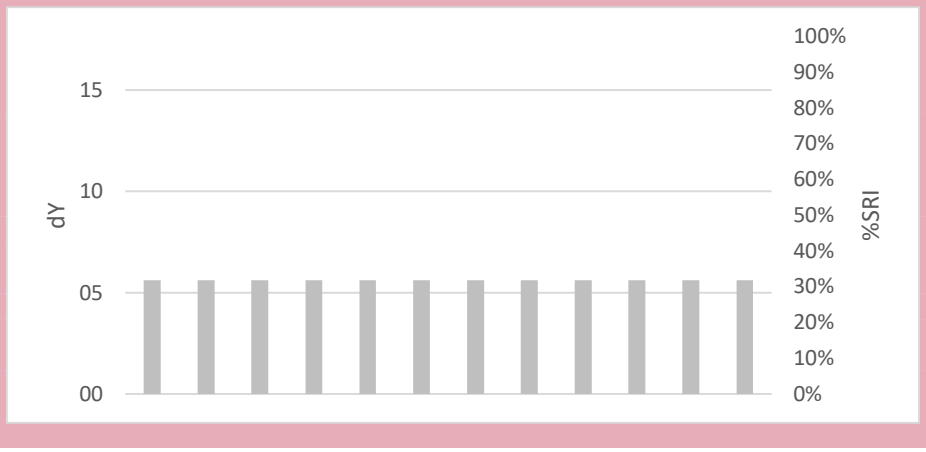
Order Code:	Substrate:	Yu:
PC-H083	Polyester/Cotton (PCN-01w3x)	87,9
P-H083	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

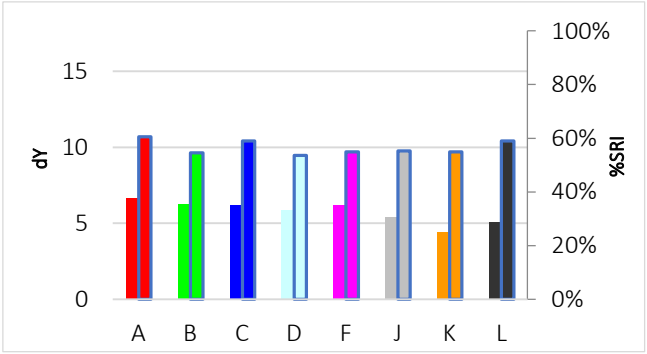


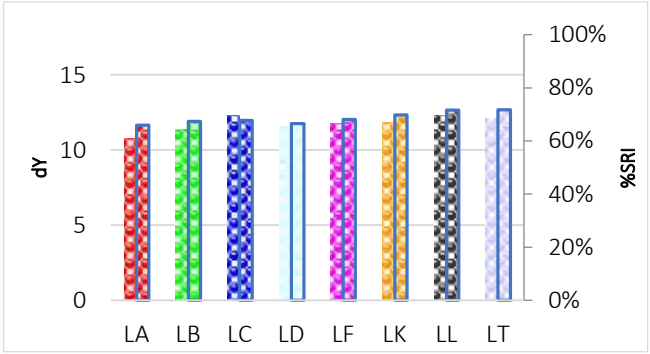


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H084

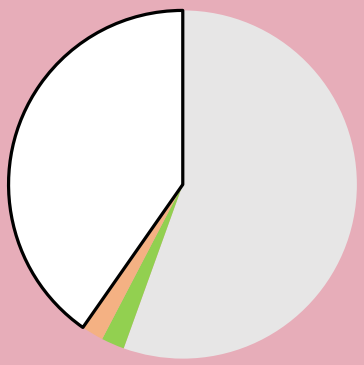
Face cream

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

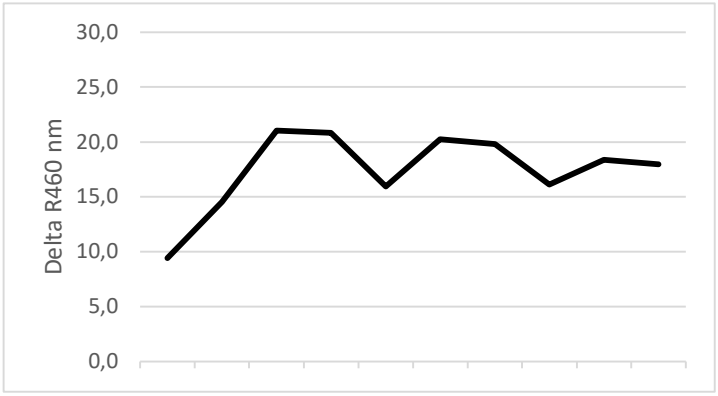
Order Code:	Substrate:	Yu:
C-H084	Woven Cotton (CN-11 w3x)	90,9
KC-H084	Knitted Cotton (CN-42w3x)	94,5

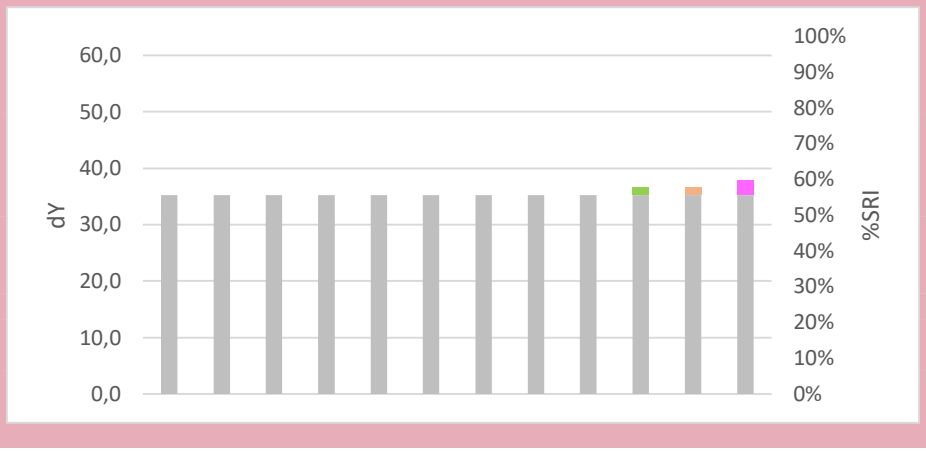
Order Code:	Substrate:	Yu:
PC-H084	Polyester/Cotton (PCN-01w3x)	87,9
P-H084	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

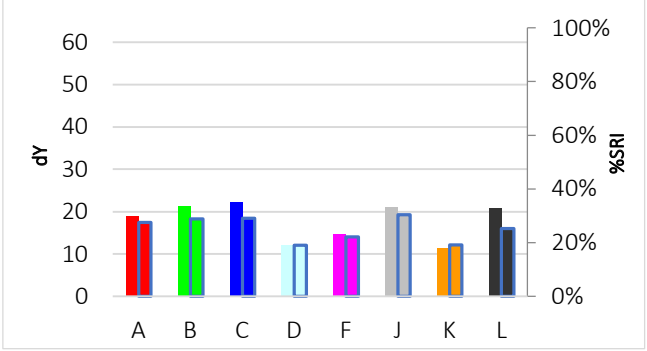


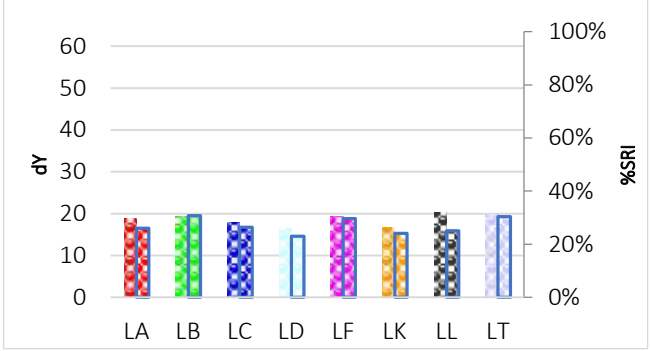


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H085

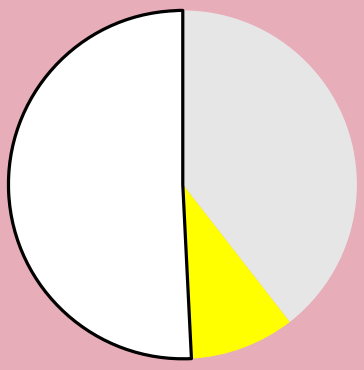
Rosé wine

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★☆☆☆☆

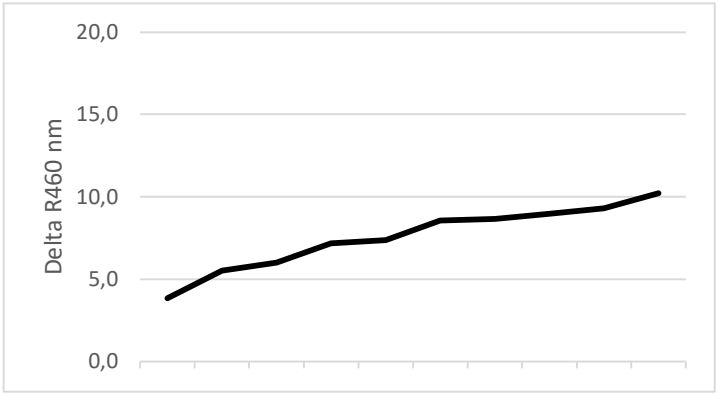
Order Code:	Substrate:	Yu:
C-H085	Woven Cotton (CN-11 w3x)	90,9
KC-H085	Knitted Cotton (CN-42w3x)	94,5

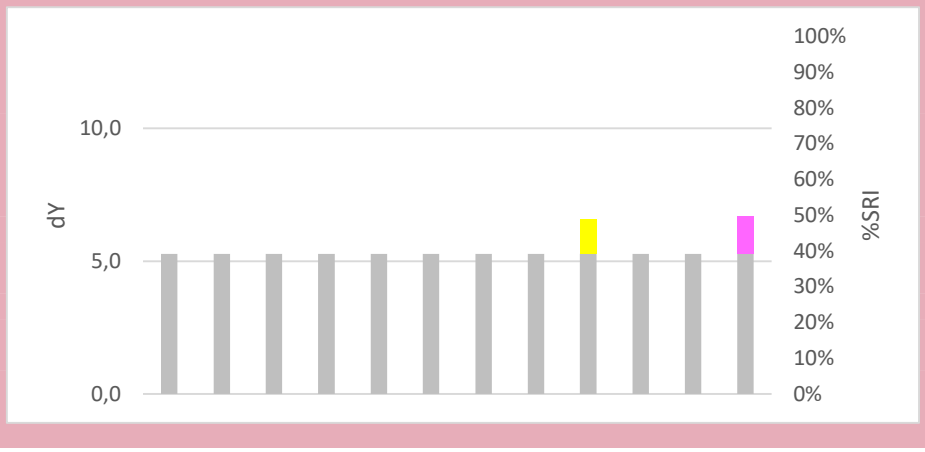
Order Code:	Substrate:	Yu:
PC-H085	Polyester/Cotton (PCN-01w3x)	87,9
P-H085	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

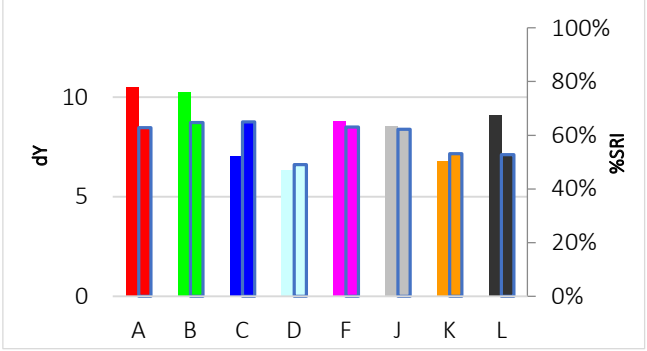


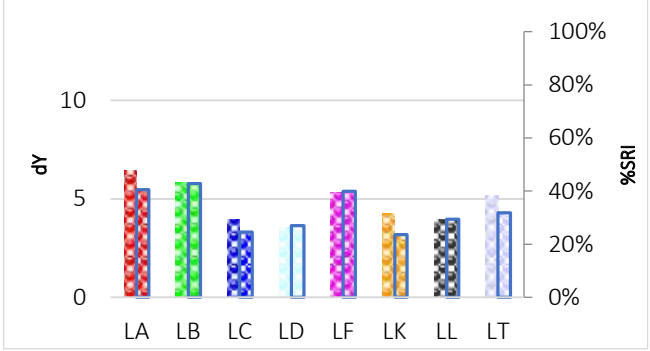


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H086

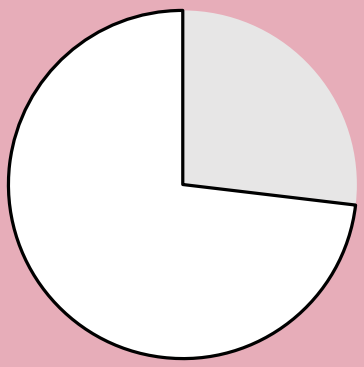
Spirits, Johnnie Walker whisky

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

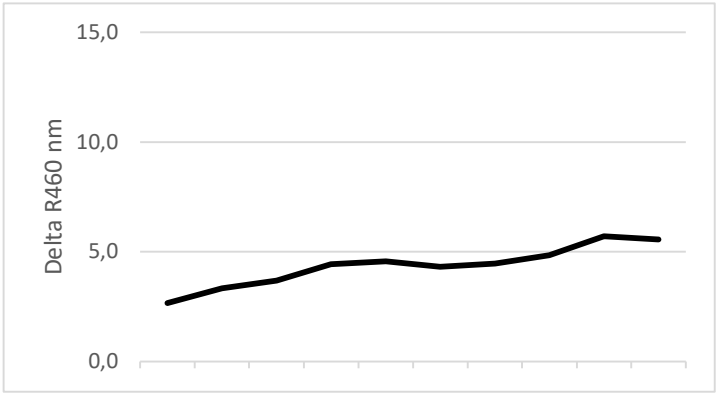
Order Code:	Substrate:	Yu:
C-H086	Woven Cotton (CN-11 w3x)	90,9
KC-H086	Knitted Cotton (CN-42w3x)	94,5

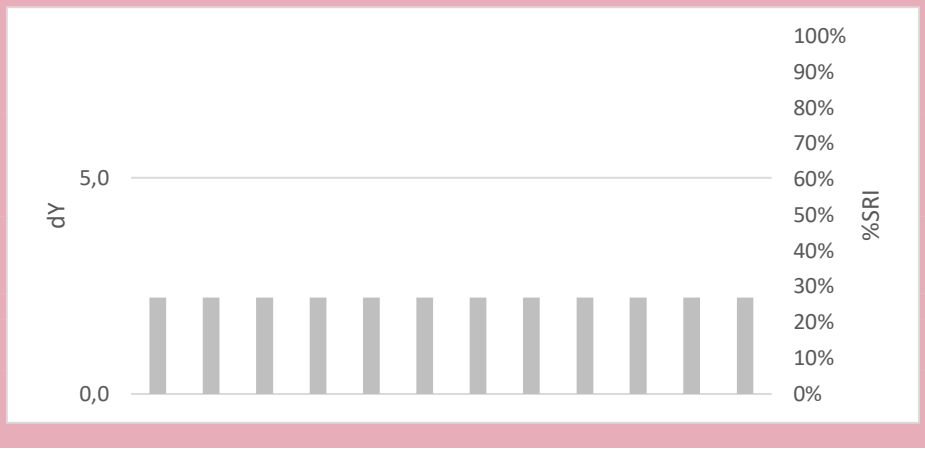
Order Code:	Substrate:	Yu:
PC-H086	Polyester/Cotton (PCN-01w3x)	87,9
P-H086	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

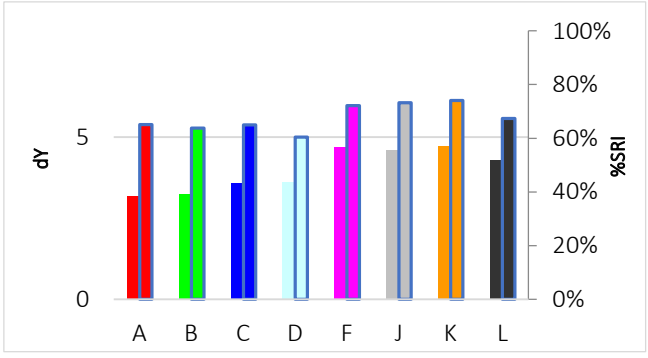


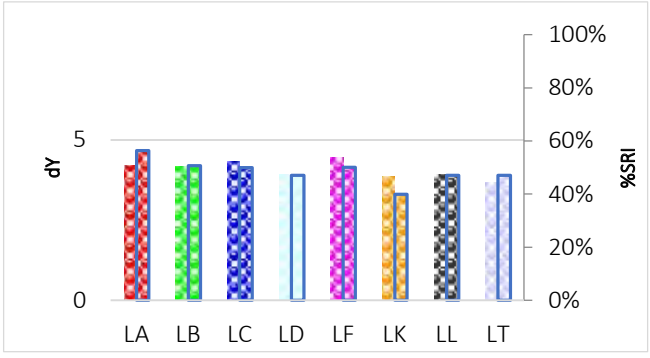


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H087

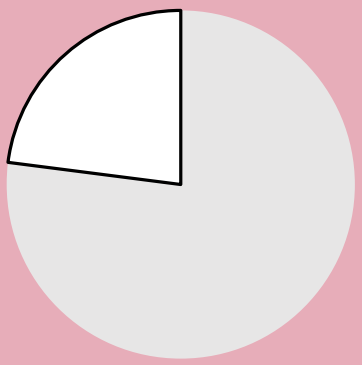
Mustard with herbs

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

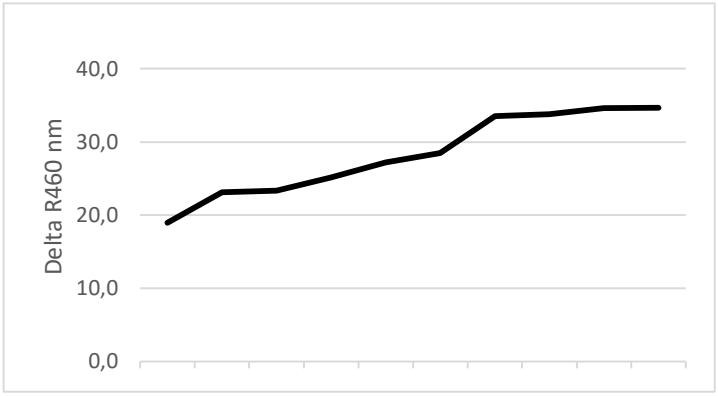
Order Code:	Substrate:	Yu:
C-H087	Woven Cotton (CN-11 w3x)	90,9
KC-H087	Knitted Cotton (CN-42w3x)	94,5

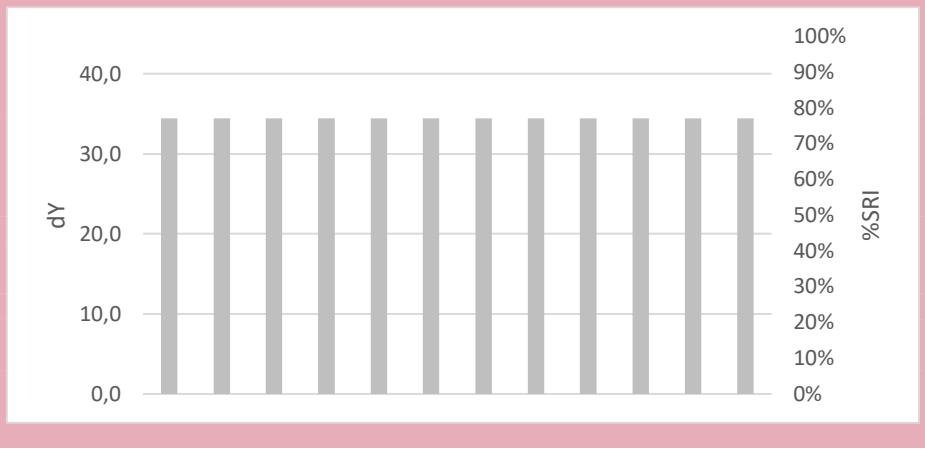
Order Code:	Substrate:	Yu:
PC-H087	Polyester/Cotton (PCN-01w3x)	87,9
P-H087	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

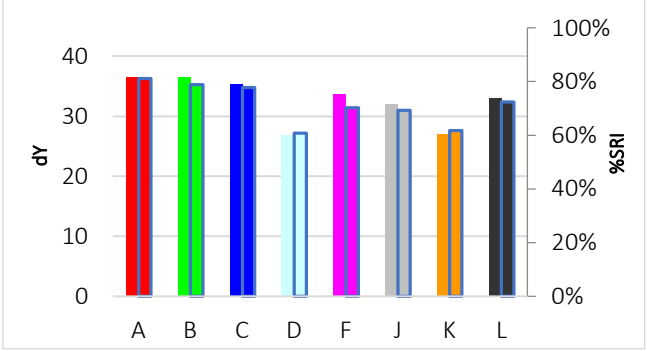


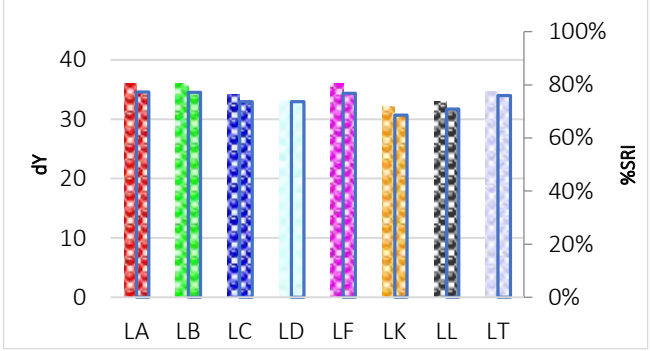


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H088

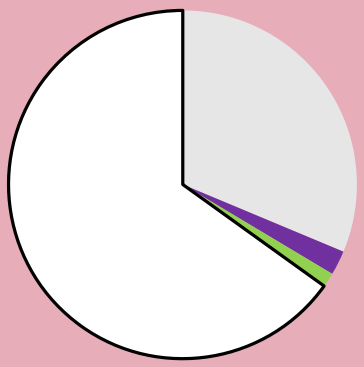
Animal excrements

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

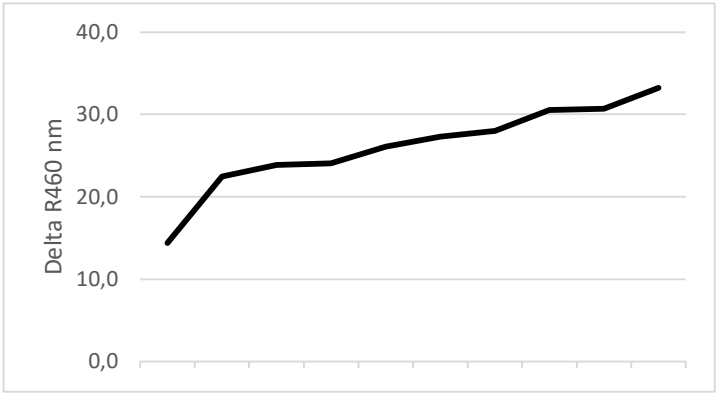
Order Code:	Substrate:	Yu:
C-H088	Woven Cotton (CN-11 w3x)	90,9
KC-H088	Knitted Cotton (CN-42w3x)	94,5

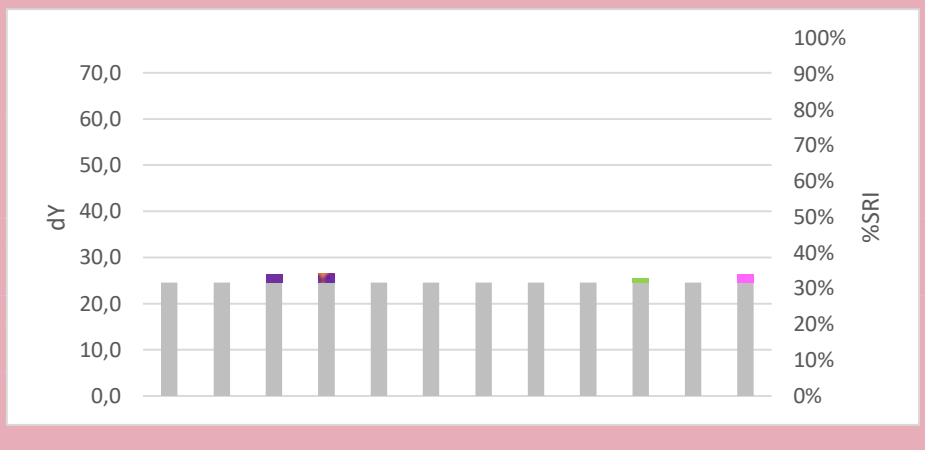
Order Code:	Substrate:	Yu:
PC-H088	Polyester/Cotton (PCN-01w3x)	87,9
P-H088	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

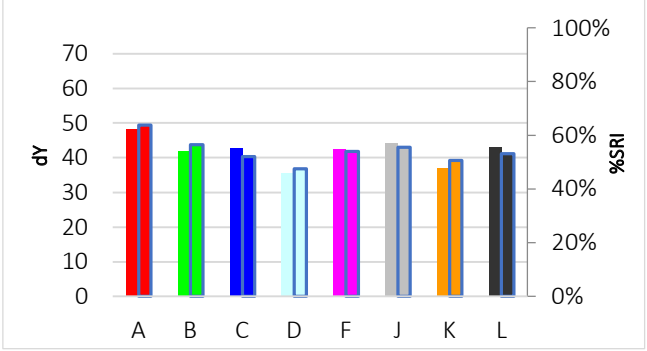


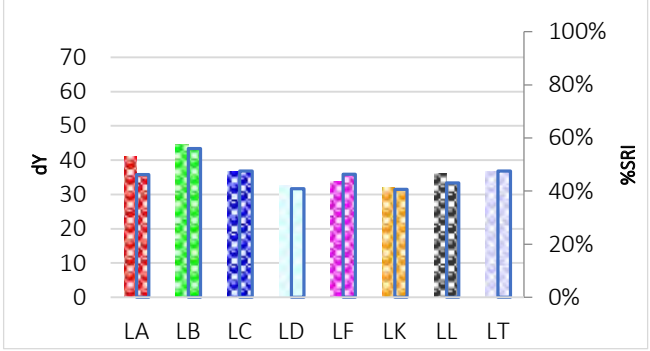


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H089

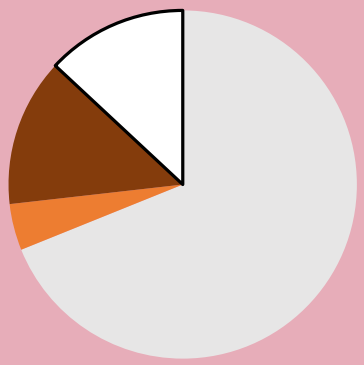
Eye shadow, blue

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★☆☆☆
Popularity: ★☆☆☆☆

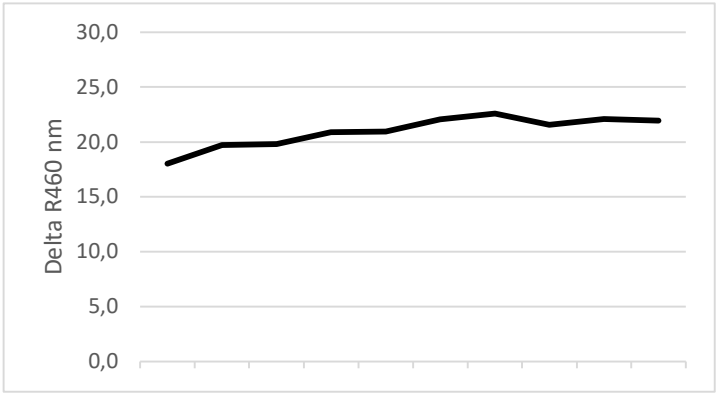
Order Code:	Substrate:	Yu:
C-H089	Woven Cotton (CN-11 w3x)	90,9
KC-H089	Knitted Cotton (CN-42w3x)	94,5

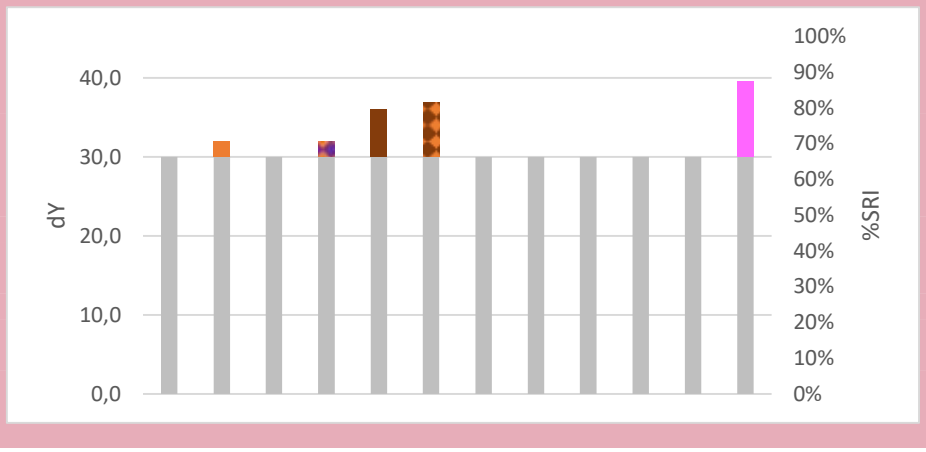
Order Code:	Substrate:	Yu:
PC-H089	Polyester/Cotton (PCN-01w3x)	87,9
P-H089	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

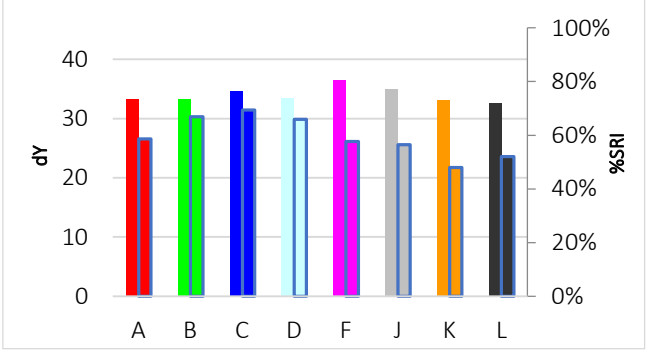


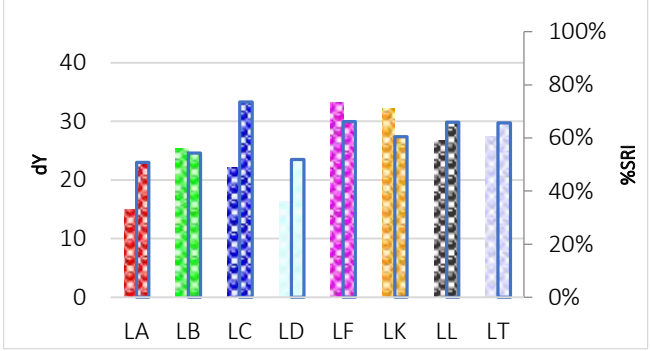


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H091

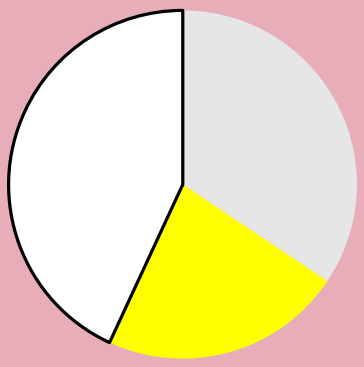
Health drink, raspberry/apple

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

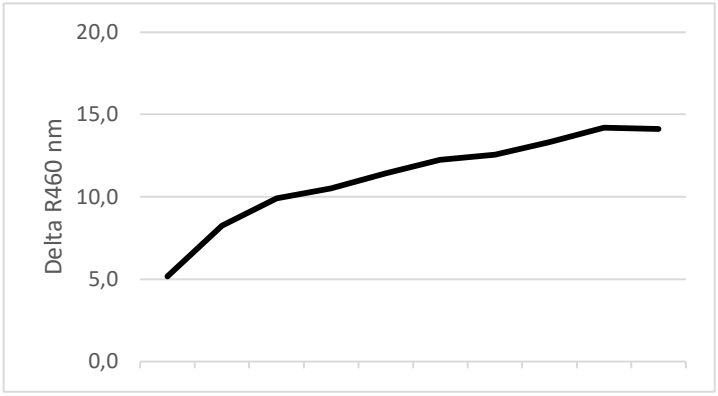
Order Code:	Substrate:	Yu:
C-H091	Woven Cotton (CN-11 w3x)	90,9
KC-H091	Knitted Cotton (CN-42w3x)	94,5

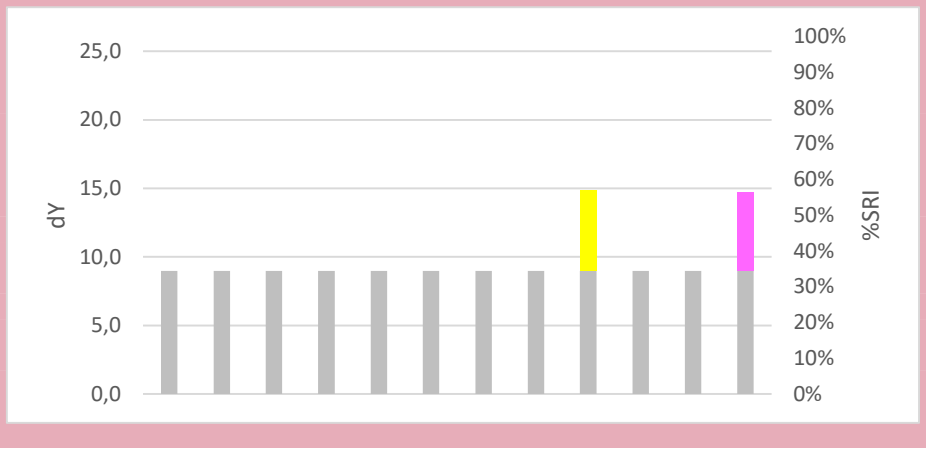
Order Code:	Substrate:	Yu:
PC-H091	Polyester/Cotton (PCN-01w3x)	87,9
P-H091	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

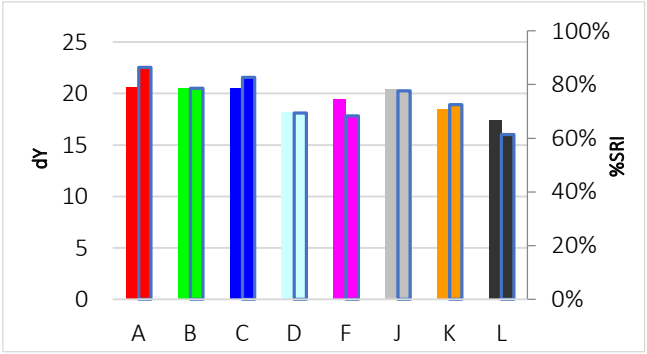


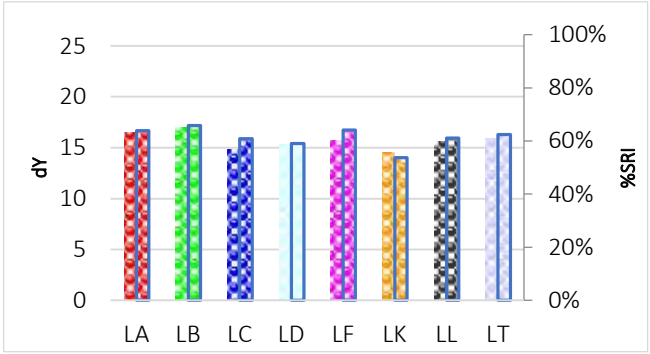


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H092

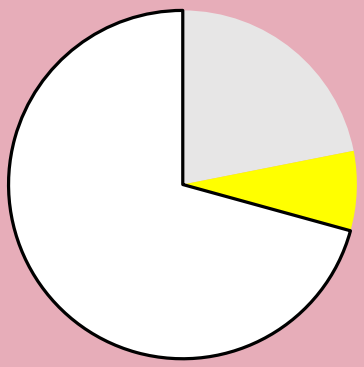
Health drink, red fruit

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★☆☆☆☆

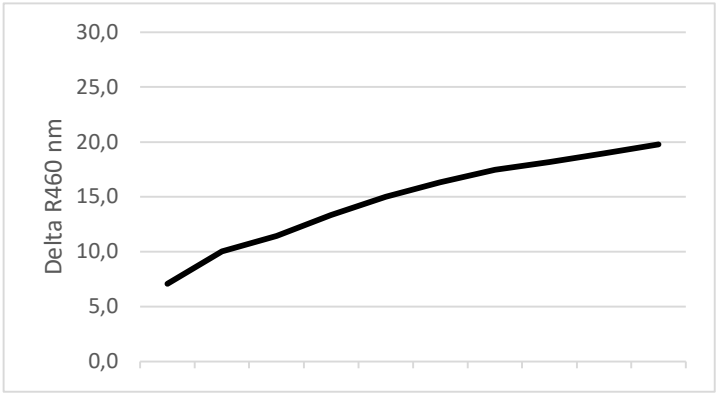
Order Code:	Substrate:	Yu:
C-H092	Woven Cotton (CN-11 w3x)	90,9
KC-H092	Knitted Cotton (CN-42w3x)	94,5

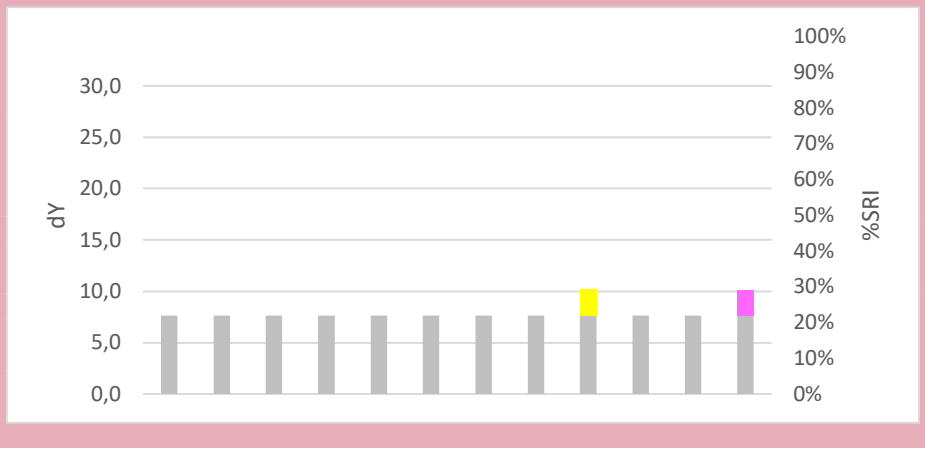
Order Code:	Substrate:	Yu:
PC-H092	Polyester/Cotton (PCN-01w3x)	87,9
P-H092	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

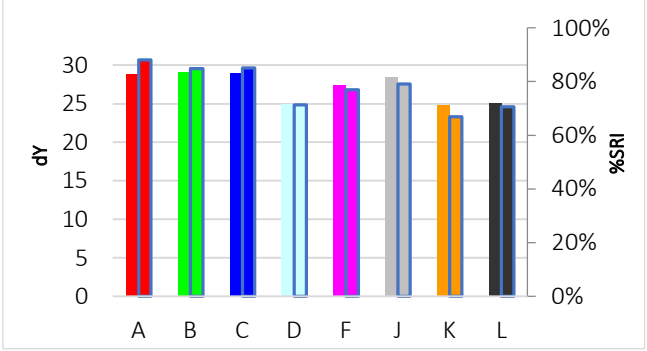


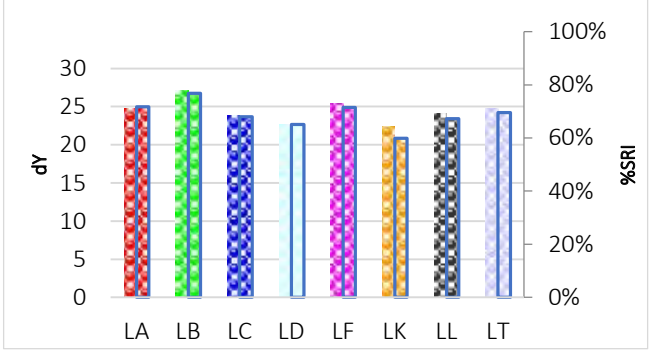


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H094

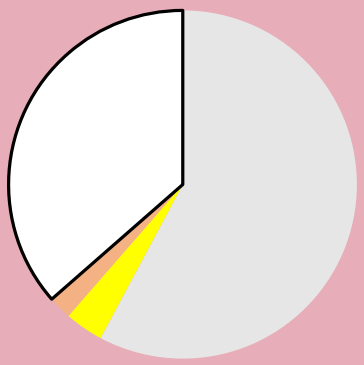
Eyeliner, black

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★☆☆☆
Reliability Ratio: ★☆☆☆☆
Popularity: ★☆☆☆☆

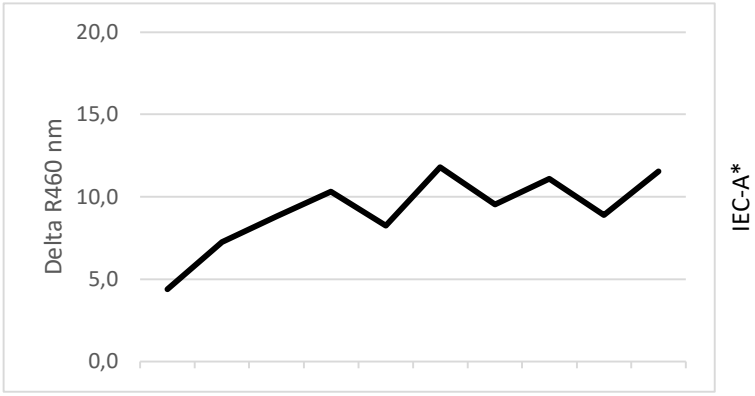
Order Code:	Substrate:	Yu:
C-H094	Woven Cotton (CN-11 w3x)	90,9
KC-H094	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H094	Polyester/Cotton (PCN-01w3x)	87,9
P-H094	Polyester (PN-01 w3x)	86,5

Detergent Component Response



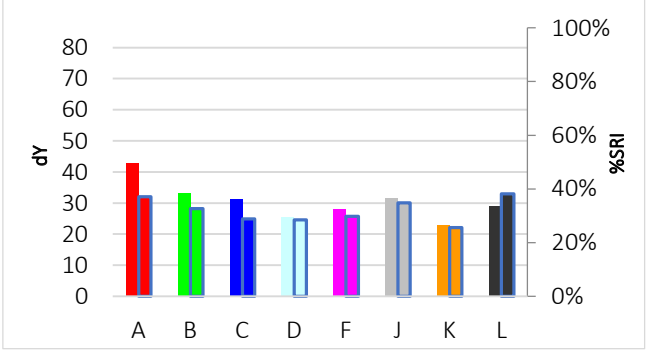
Detergent Dosage/Response & QC

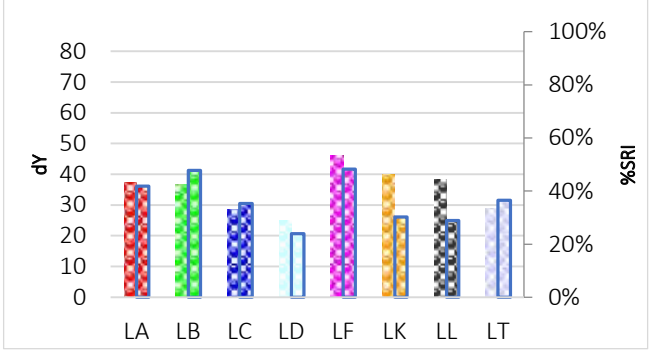


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H095

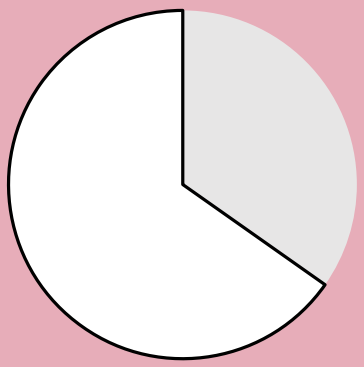
Hair gel, green

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

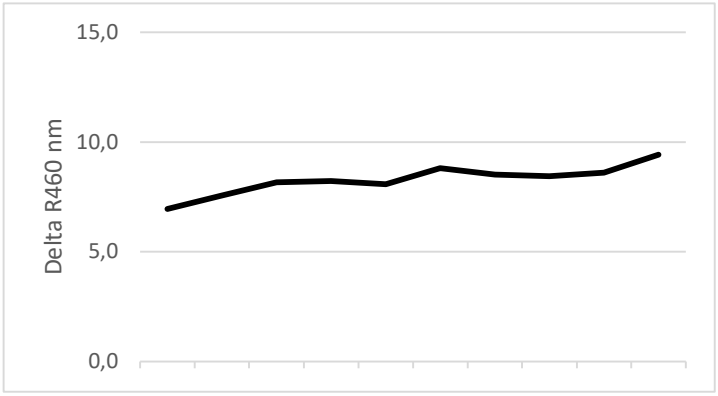
Order Code:	Substrate:	Yu:
C-H095	Woven Cotton (CN-11 w3x)	90,9
KC-H095	Knitted Cotton (CN-42w3x)	94,5

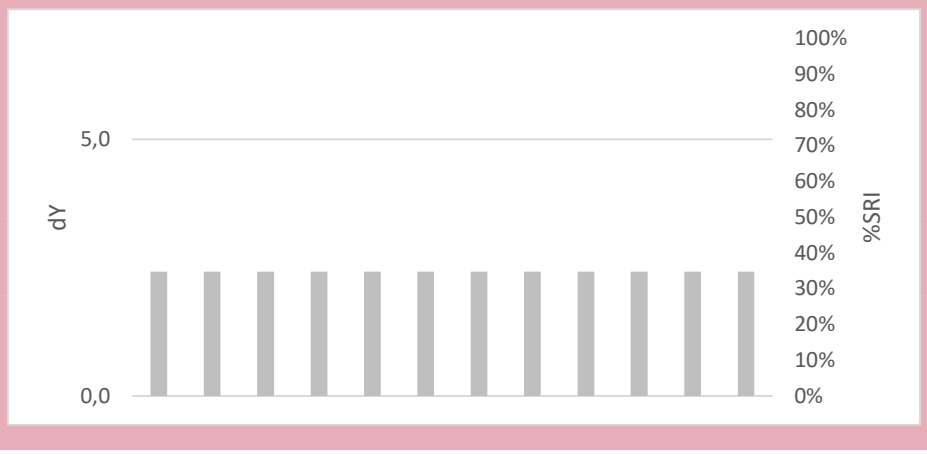
Order Code:	Substrate:	Yu:
PC-H095	Polyester/Cotton (PCN-01w3x)	87,9
P-H095	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

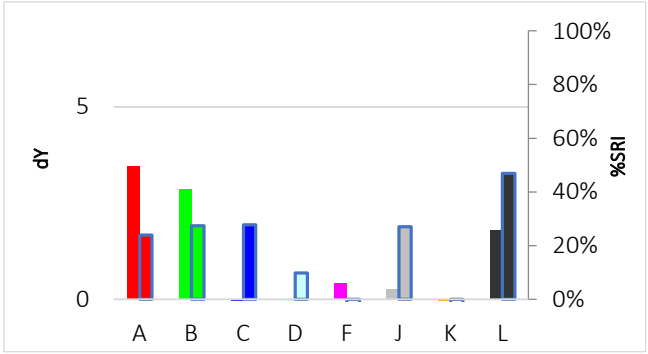


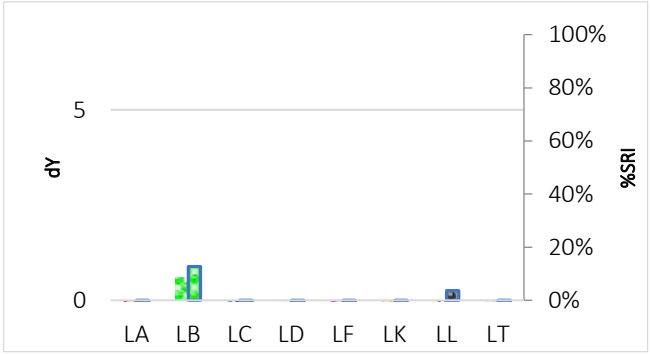


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT

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C-H096

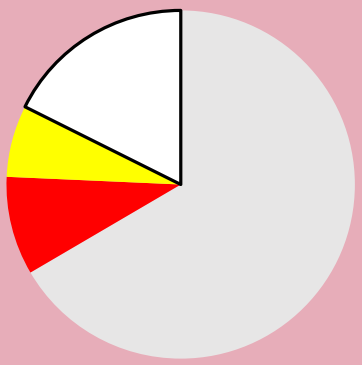
Mustard, American, French's Squeezy

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

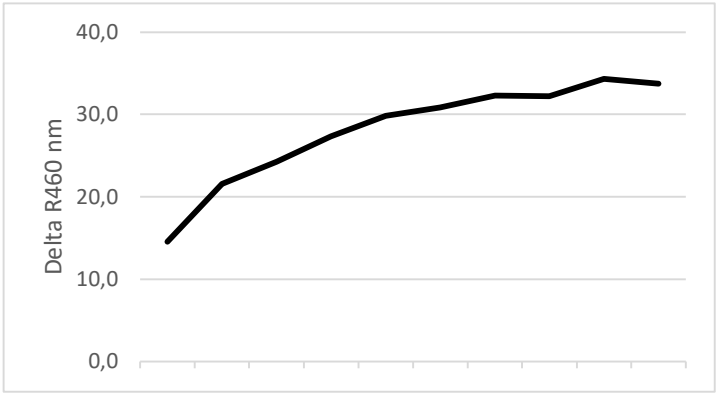
Order Code:	Substrate:	Yu:
C-H096	Woven Cotton (CN-11 w3x)	90,9
KC-H096	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H096	Polyester/Cotton (PCN-01w3x)	87,9
P-H096	Polyester (PN-01 w3x)	86,5

Detergent Component Response



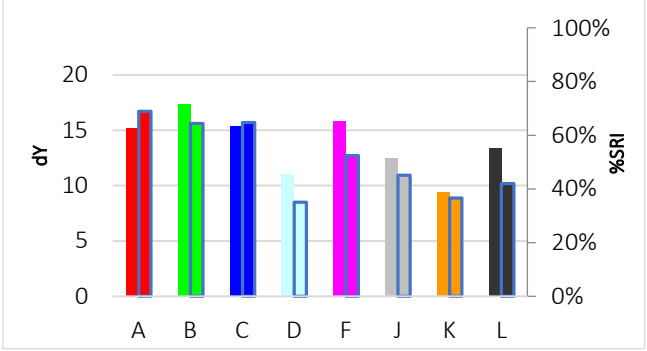
Detergent Dosage/Response & QC

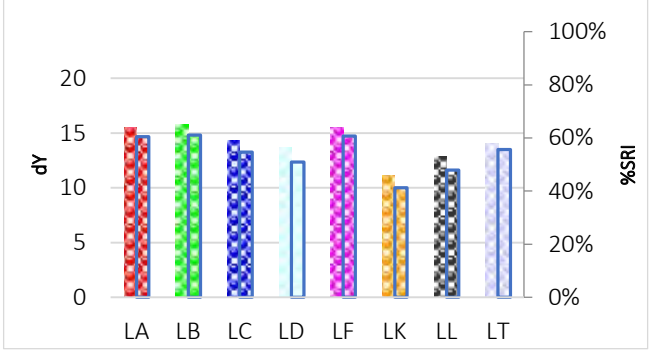


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H097

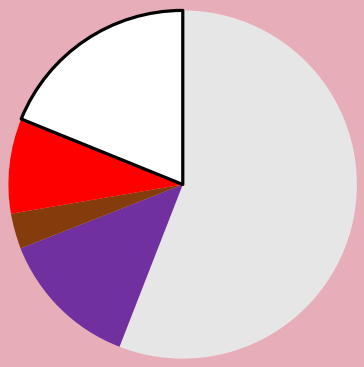
Oatmeal, coloured with chocolate

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

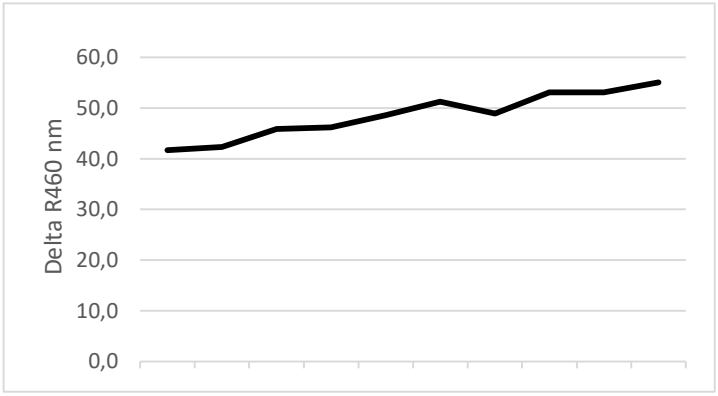
Order Code:	Substrate:	Yu:
C-H097	Woven Cotton (CN-11 w3x)	90,9
KC-H097	Knitted Cotton (CN-42w3x)	94,5

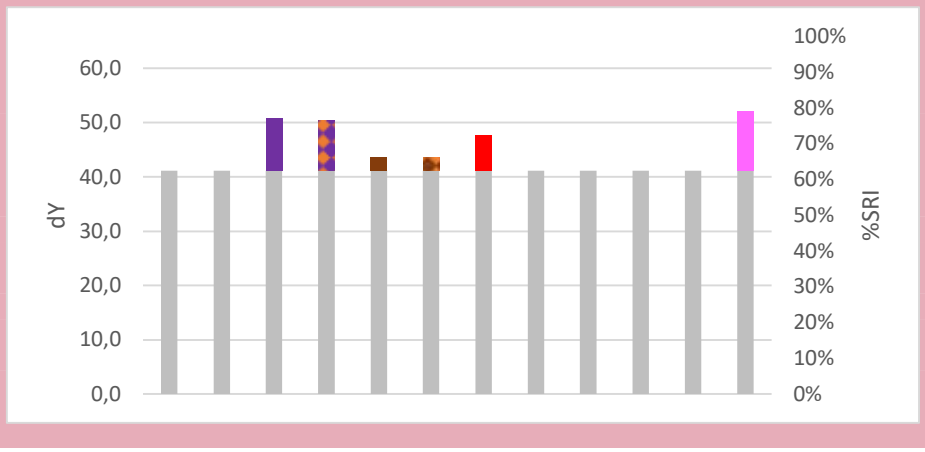
Order Code:	Substrate:	Yu:
PC-H097	Polyester/Cotton (PCN-01w3x)	87,9
P-H097	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

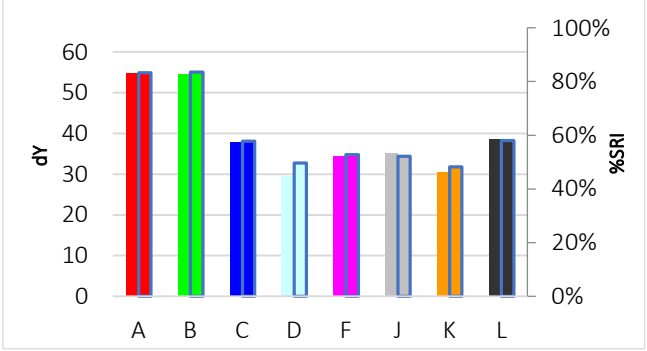


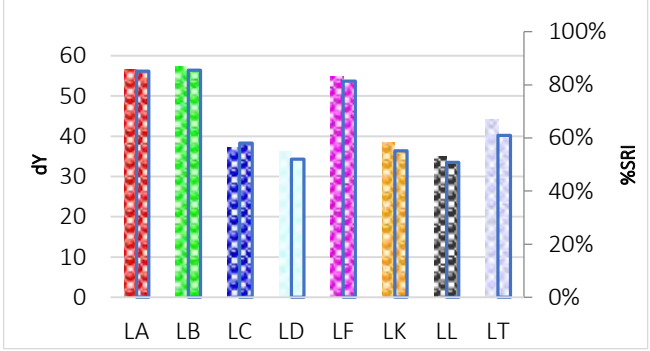


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
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C-H099

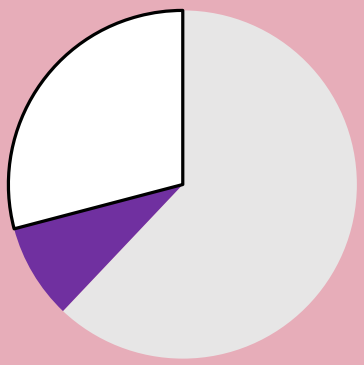
Blueberry quark

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

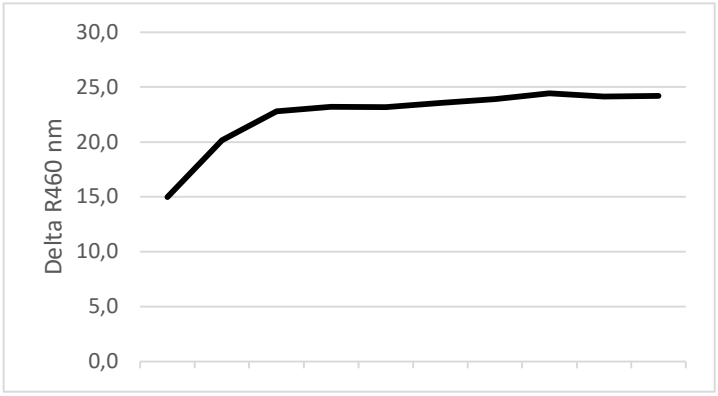
Order Code:	Substrate:	Yu:
C-H099	Woven Cotton (CN-11 w3x)	90,9
KC-H099	Knitted Cotton (CN-42w3x)	94,5

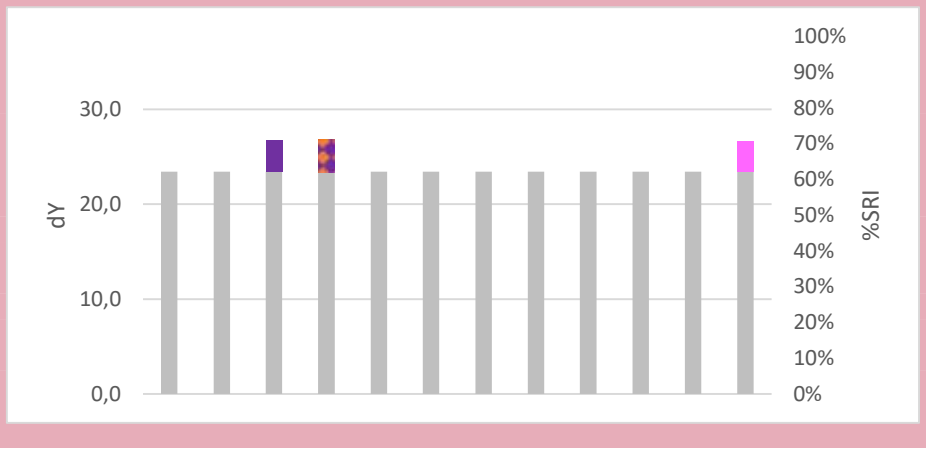
Order Code:	Substrate:	Yu:
PC-H099	Polyester/Cotton (PCN-01w3x)	87,9
P-H099	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

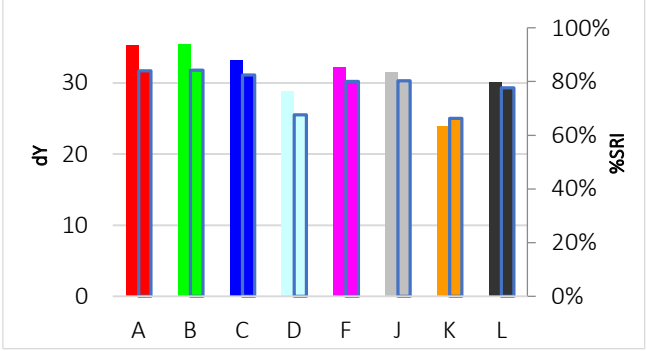


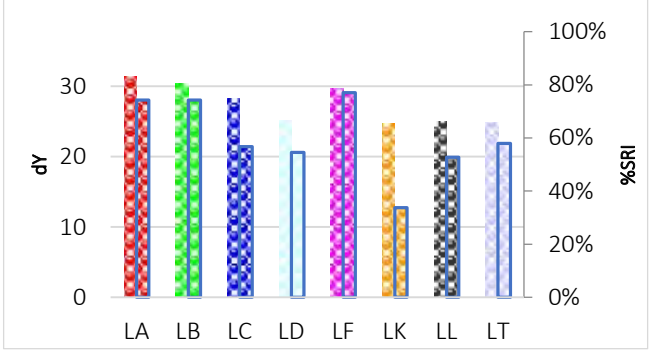


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H100

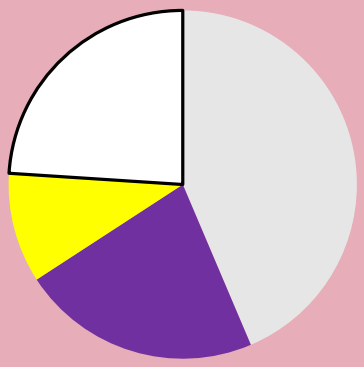
Soya yoghurt

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

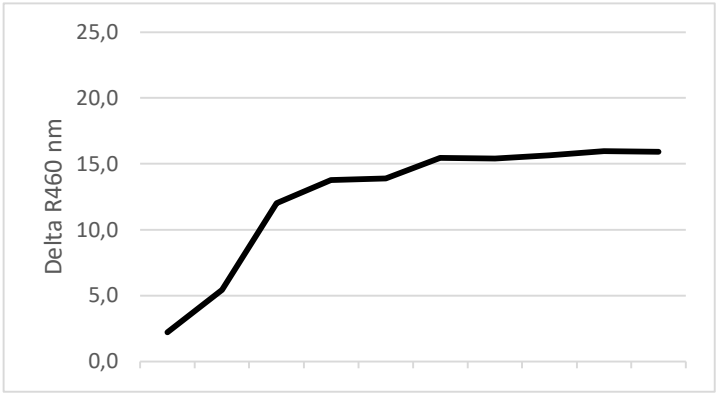
Order Code:	Substrate:	Yu:
C-H100	Woven Cotton (CN-11 w3x)	90,9
KC-H100	Knitted Cotton (CN-42w3x)	94,5

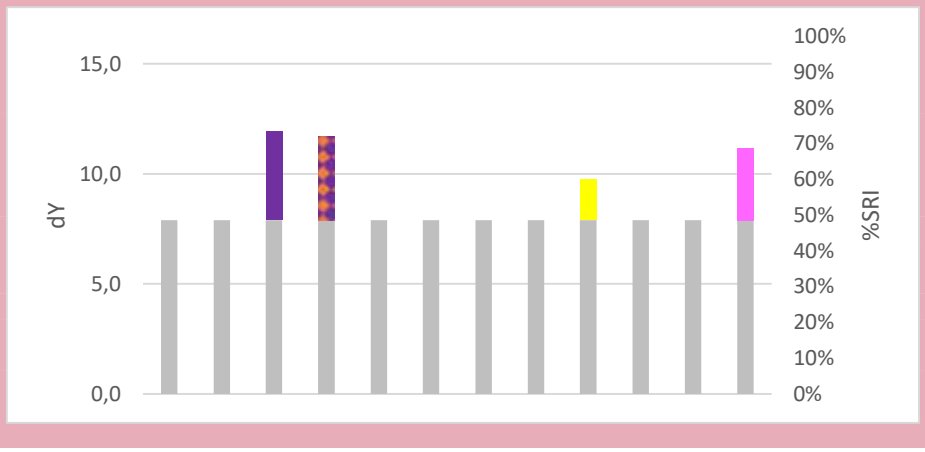
Order Code:	Substrate:	Yu:
PC-H100	Polyester/Cotton (PCN-01w3x)	87,9
P-H100	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

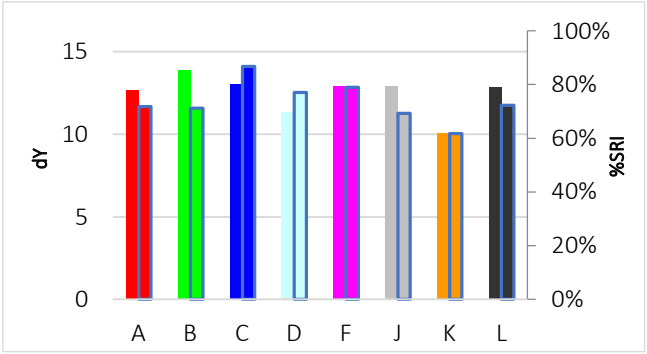


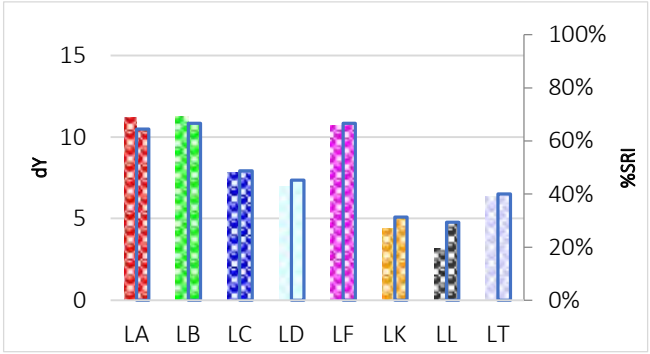


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H101

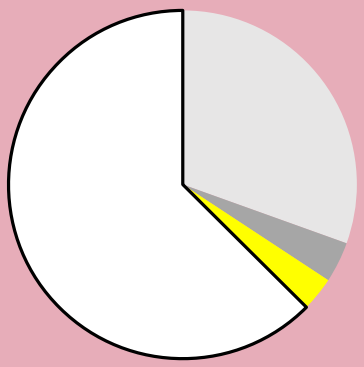
Pectin with sugar

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★☆☆
Popularity: ★★★★☆

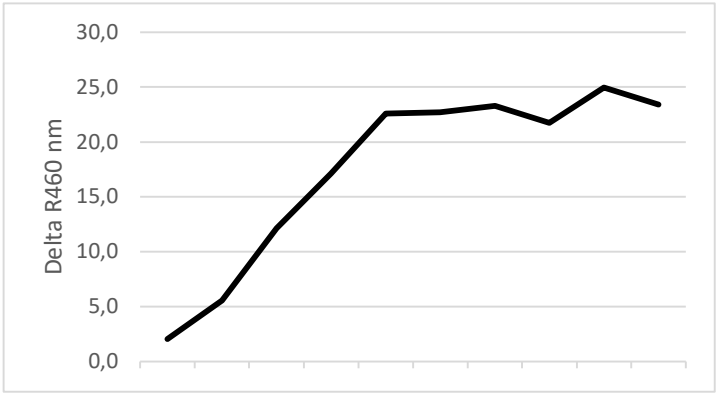
Order Code:	Substrate:	Yu:
C-H101	Woven Cotton (CN-11 w3x)	90,9
KC-H101	Knitted Cotton (CN-42w3x)	94,5

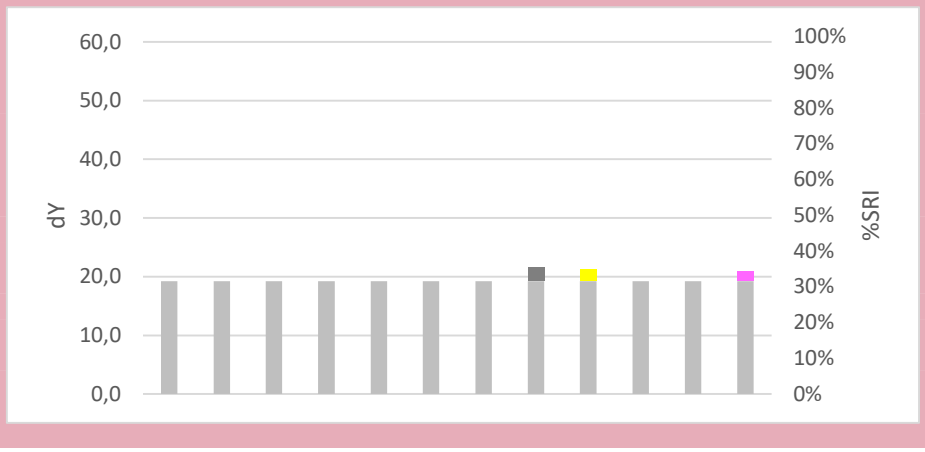
Order Code:	Substrate:	Yu:
PC-H101	Polyester/Cotton (PCN-01w3x)	87,9
P-H101	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

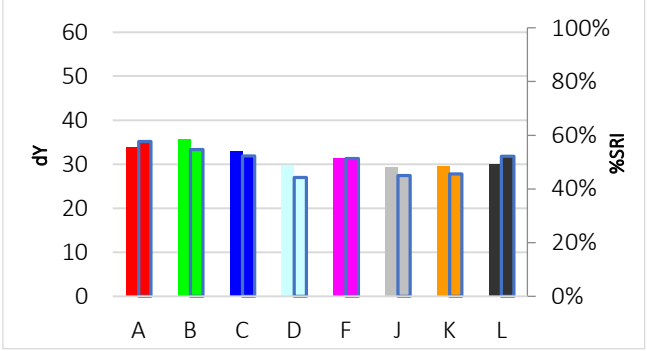


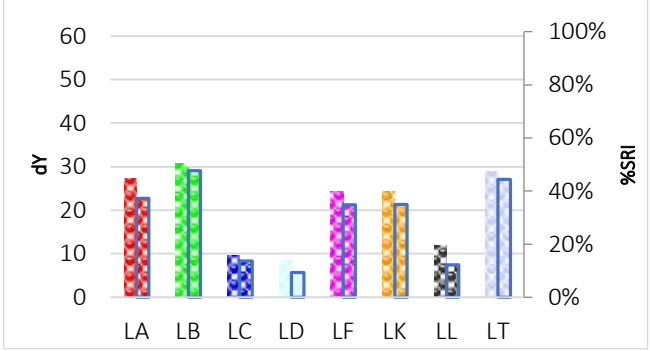


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H102

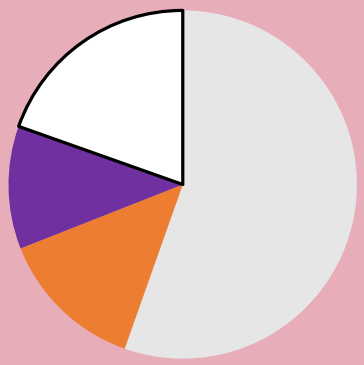
Baby food, carrot/potatoes

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★★☆

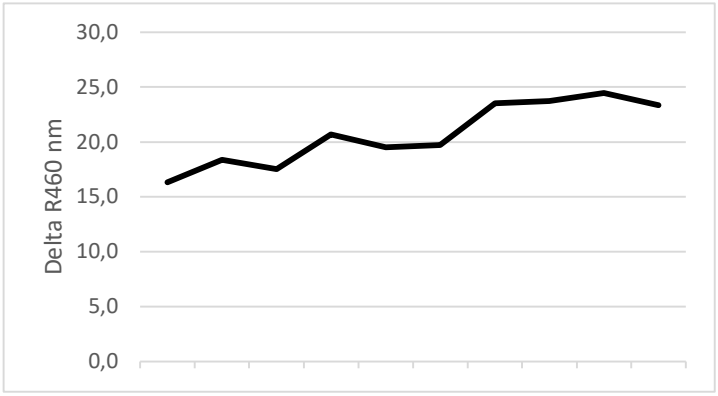
Order Code:	Substrate:	Yu:
C-H102	Woven Cotton (CN-11 w3x)	90,9
KC-H102	Knitted Cotton (CN-42w3x)	94,5

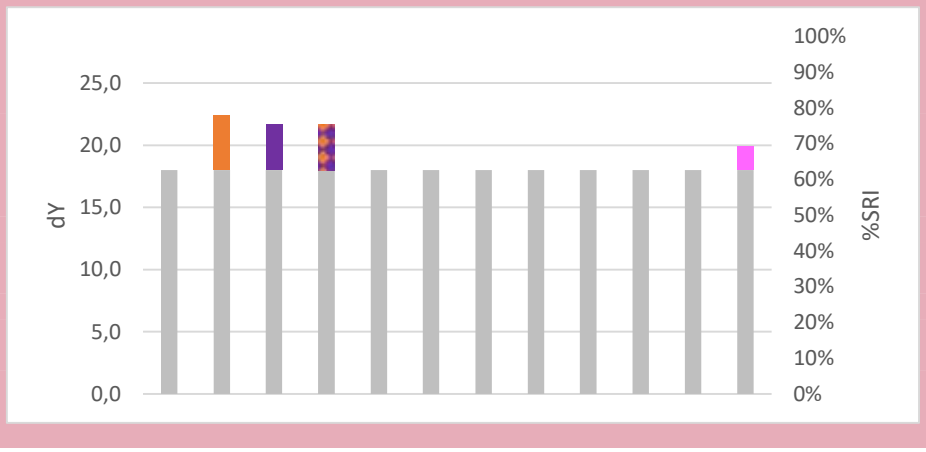
Order Code:	Substrate:	Yu:
PC-H102	Polyester/Cotton (PCN-01w3x)	87,9
P-H102	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

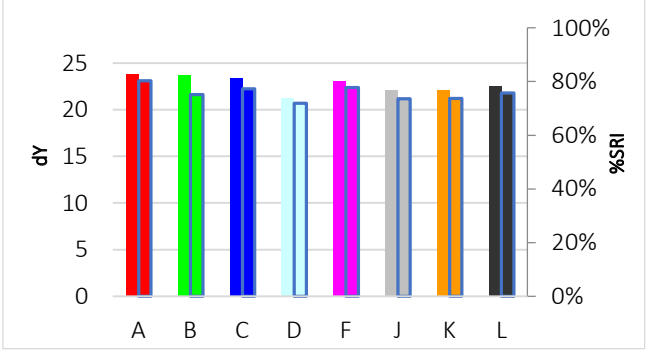


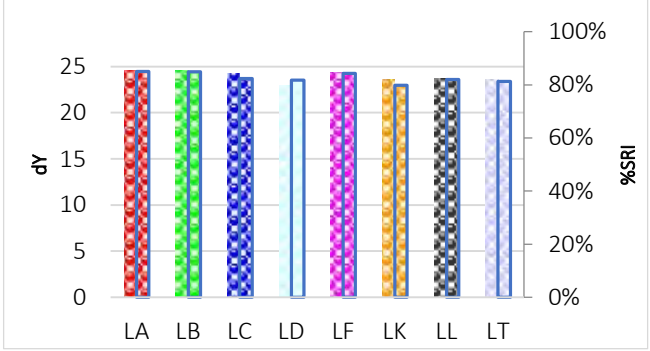


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H103

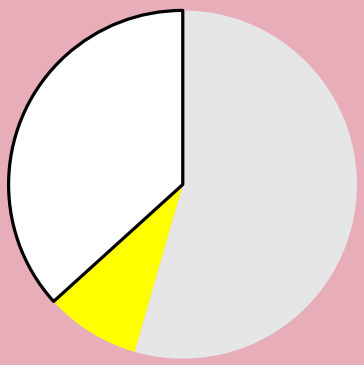
Peat

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★☆☆☆☆
Reliability Ratio: ★★☆☆☆
Popularity: ★☆☆☆☆

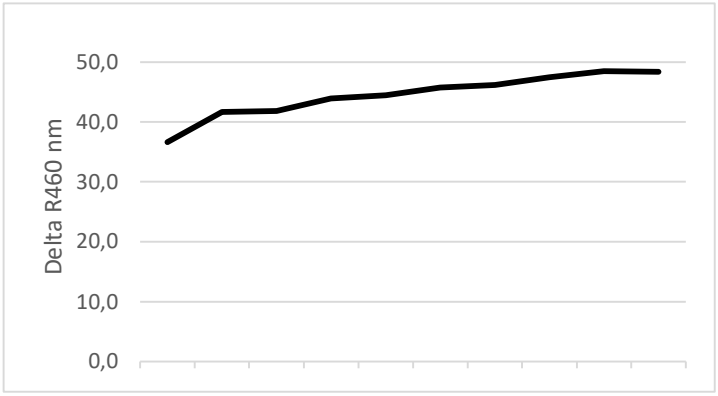
Order Code:	Substrate:	Yu:
C-H103	Woven Cotton (CN-11 w3x)	90,9
KC-H103	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H103	Polyester/Cotton (PCN-01w3x)	87,9
P-H103	Polyester (PN-01 w3x)	86,5

Detergent Component Response



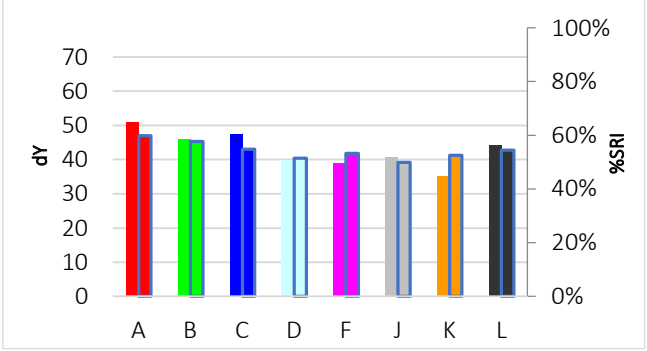
Detergent Dosage/Response & QC

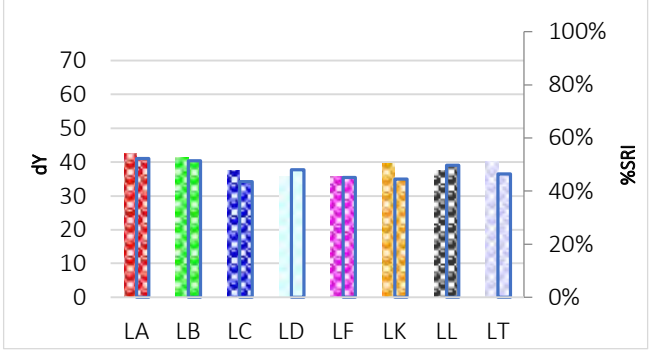


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H104

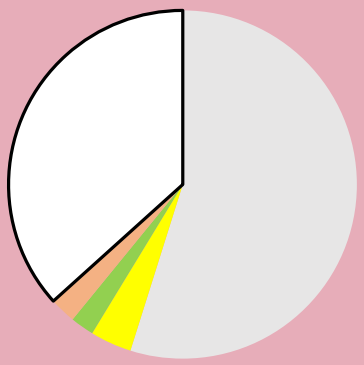
Household dust

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

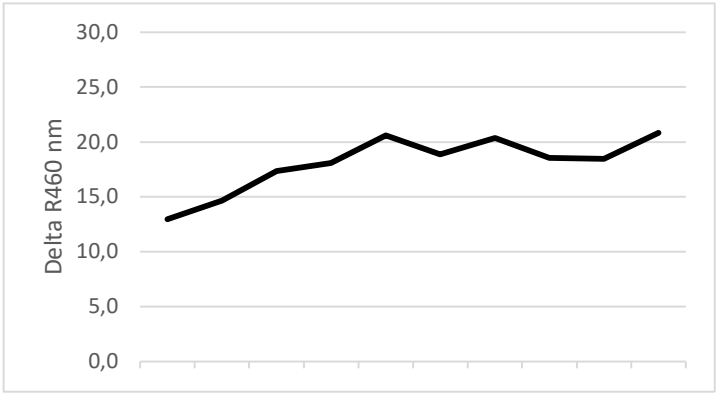
Order Code:	Substrate:	Yu:
C-H104	Woven Cotton (CN-11 w3x)	90,9
KC-H104	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H104	Polyester/Cotton (PCN-01w3x)	87,9
P-H104	Polyester (PN-01 w3x)	86,5

Detergent Component Response



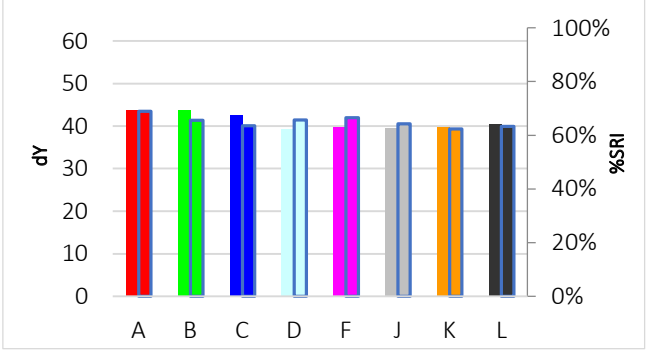
Detergent Dosage/Response & QC

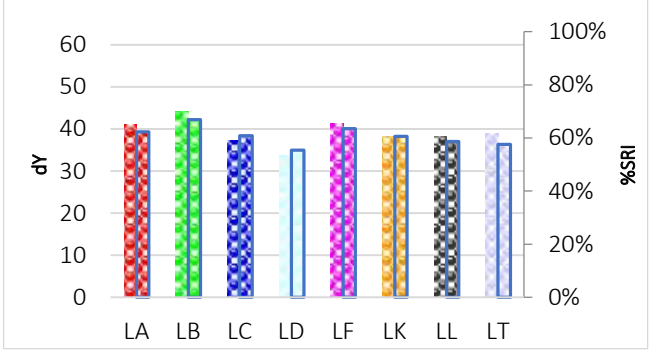


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H105

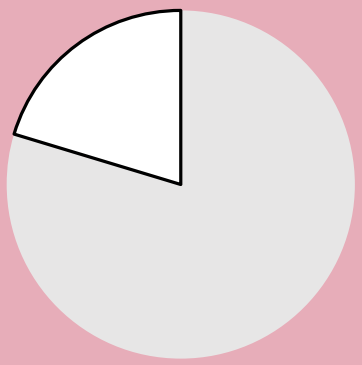
Tomato ketchup with olive oil

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★★☆

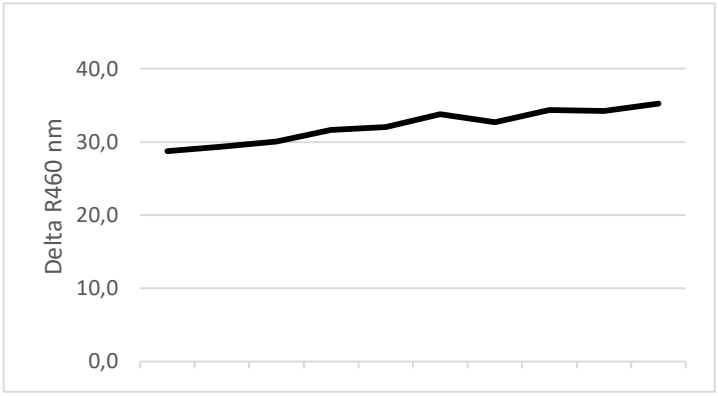
Order Code:	Substrate:	Yu:
C-H105	Woven Cotton (CN-11 w3x)	90,9
KC-H105	Knitted Cotton (CN-42w3x)	94,5

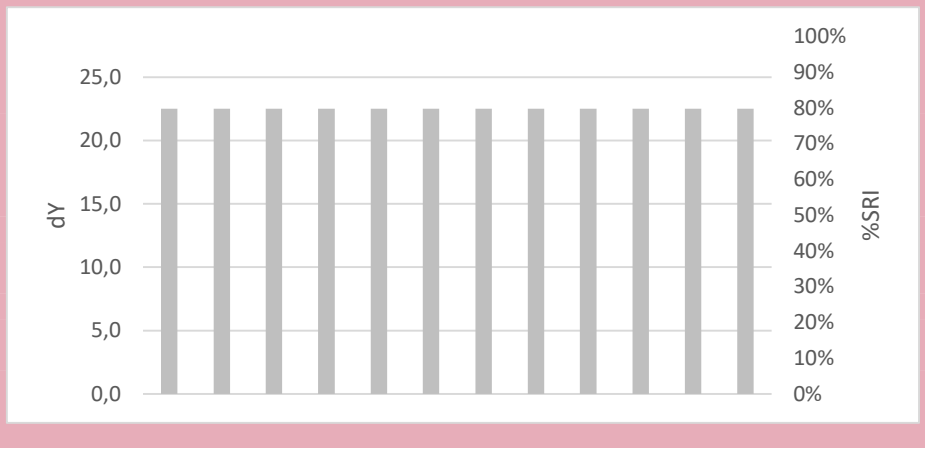
Order Code:	Substrate:	Yu:
PC-H105	Polyester/Cotton (PCN-01w3x)	87,9
P-H105	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

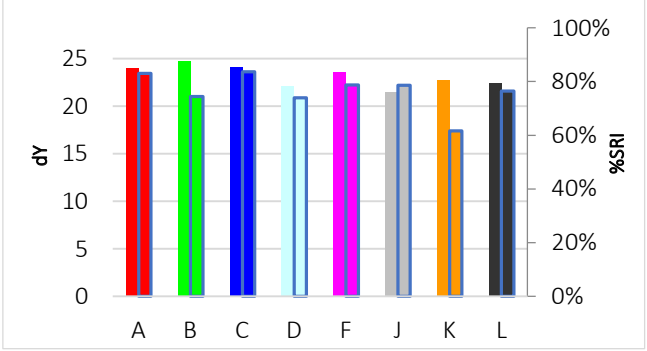


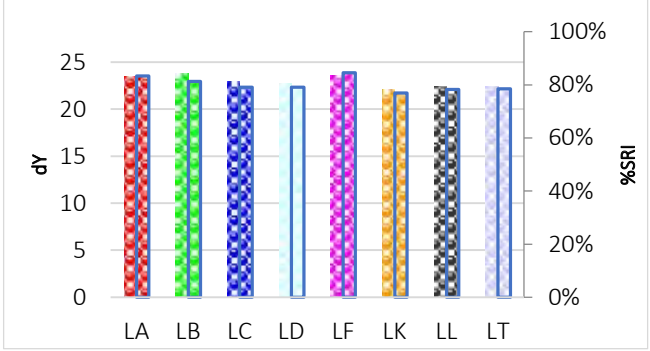


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H106

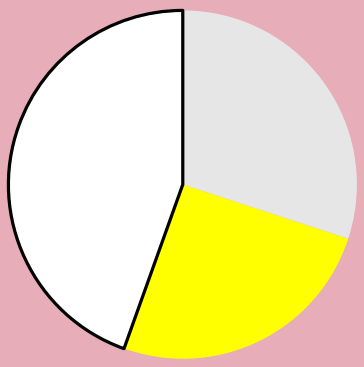
Grape juice

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

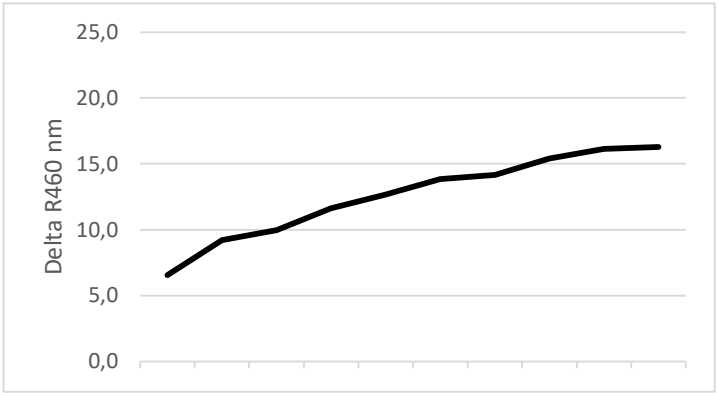
Order Code:	Substrate:	Yu:
C-H106	Woven Cotton (CN-11 w3x)	90,9
KC-H106	Knitted Cotton (CN-42w3x)	94,5

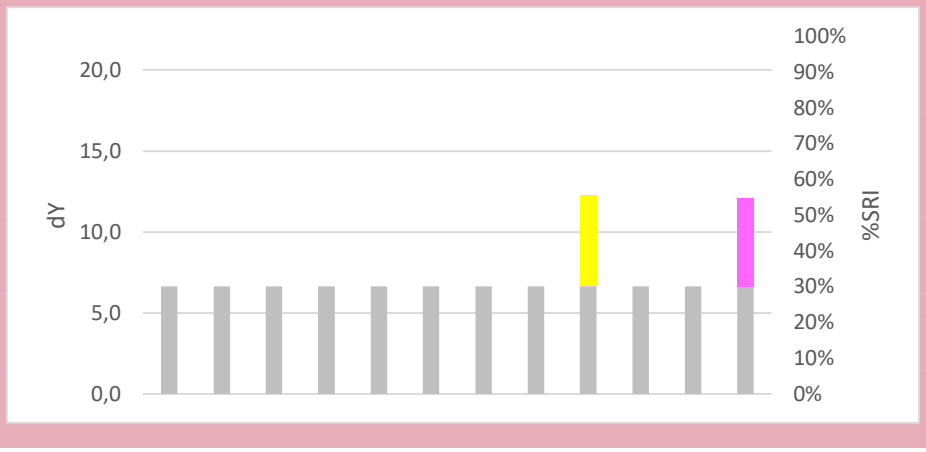
Order Code:	Substrate:	Yu:
PC-H106	Polyester/Cotton (PCN-01w3x)	87,9
P-H106	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

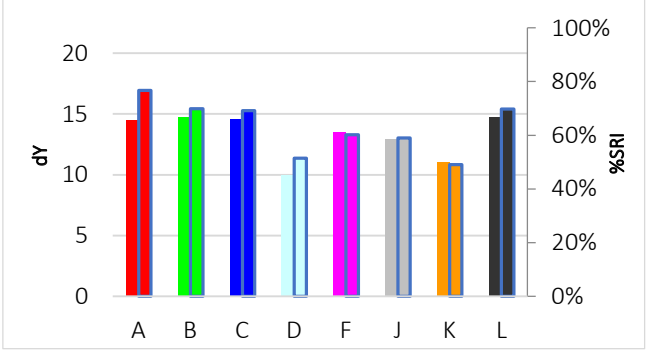


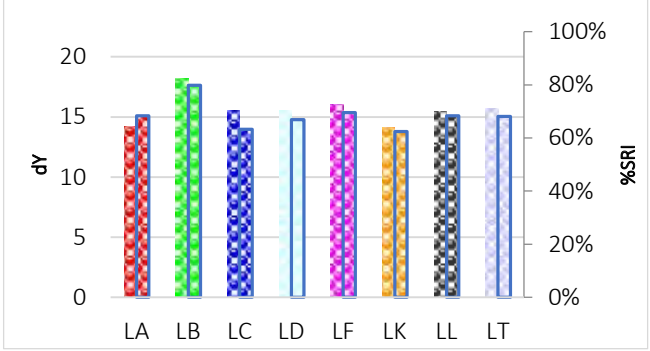


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H107

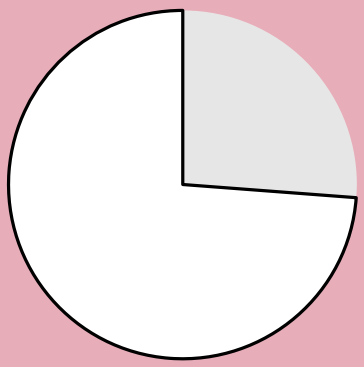
Sand

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

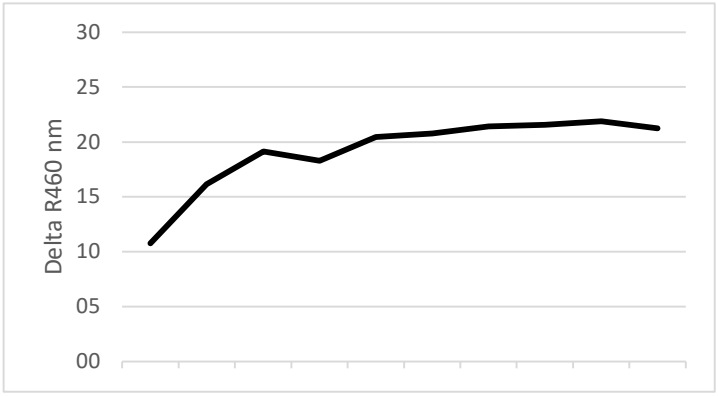
Order Code:	Substrate:	Yu:
C-H107	Woven Cotton (CN-11 w3x)	90,9
KC-H107	Knitted Cotton (CN-42w3x)	94,5

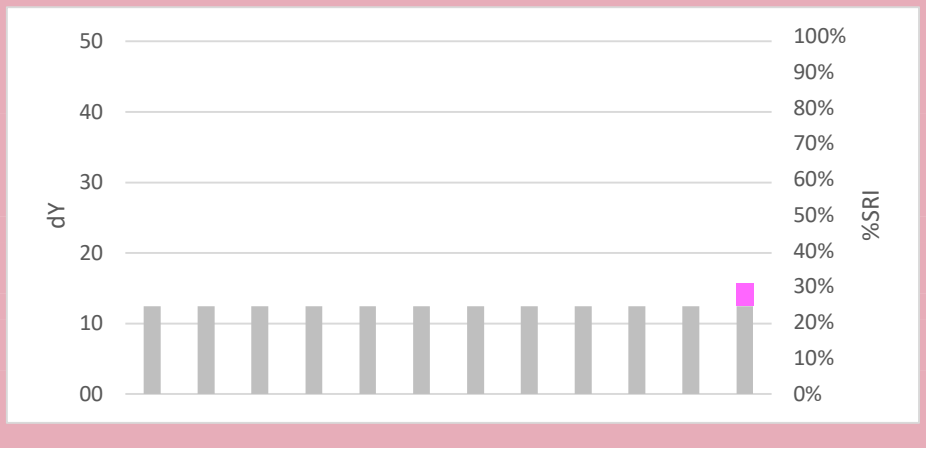
Order Code:	Substrate:	Yu:
PC-H107	Polyester/Cotton (PCN-01w3x)	87,9
P-H107	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

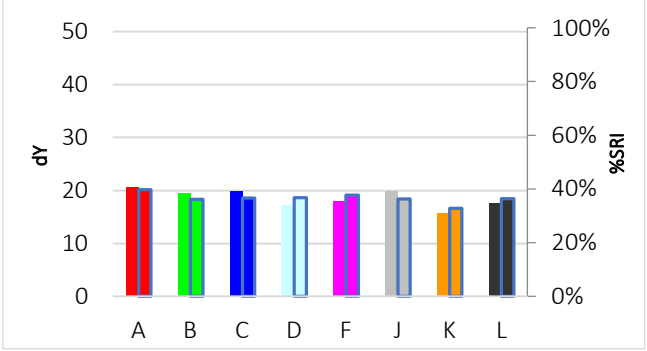


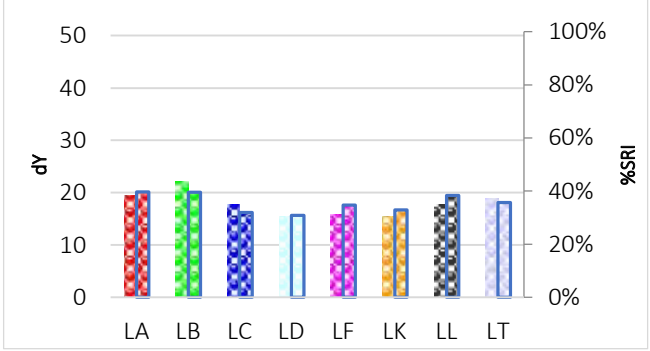


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H108

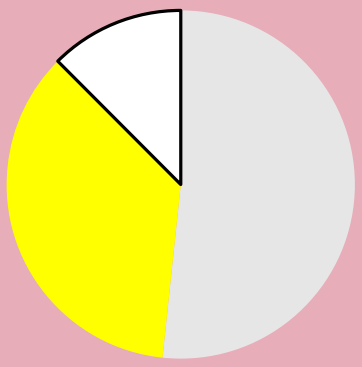
Blackberries

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

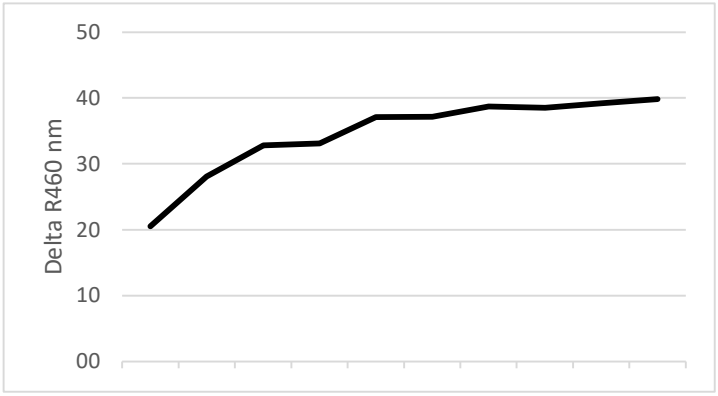
Order Code:	Substrate:	Yu:
C-H108	Woven Cotton (CN-11 w3x)	90,9
KC-H108	Knitted Cotton (CN-42w3x)	94,5

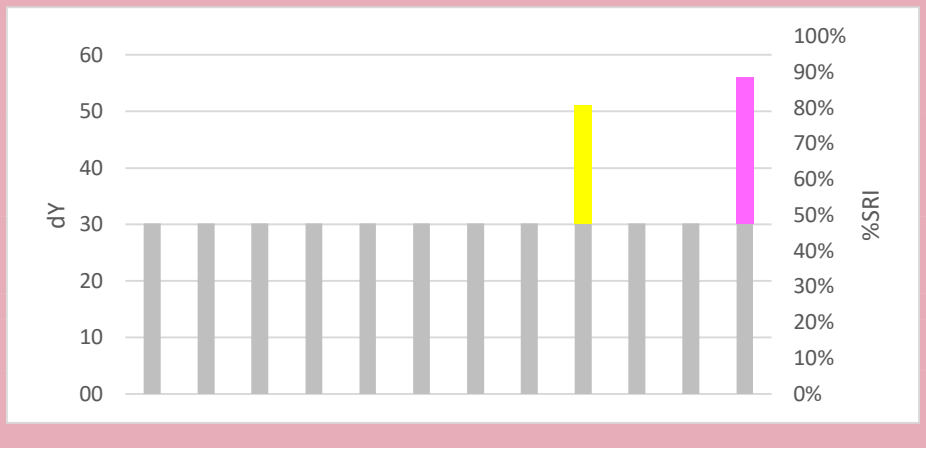
Order Code:	Substrate:	Yu:
PC-H108	Polyester/Cotton (PCN-01w3x)	87,9
P-H108	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

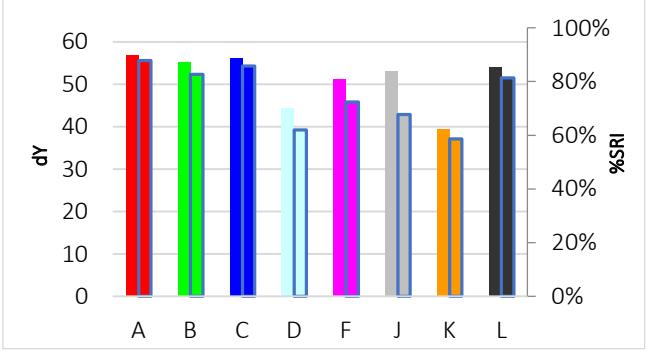


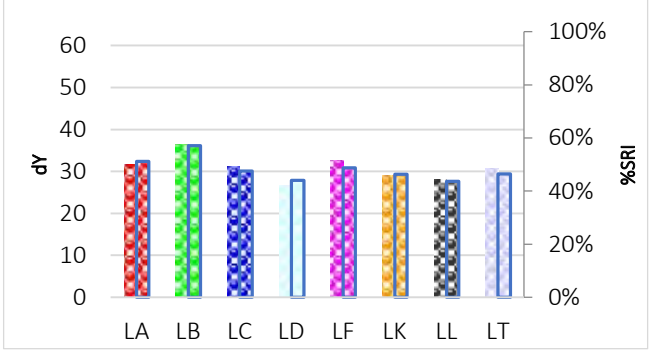


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H109

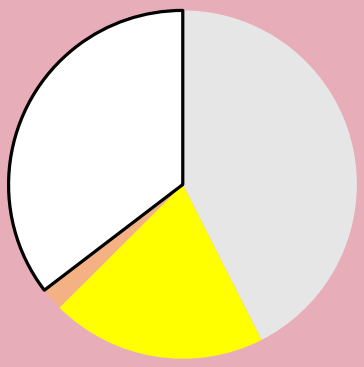
Coffee, espresso

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

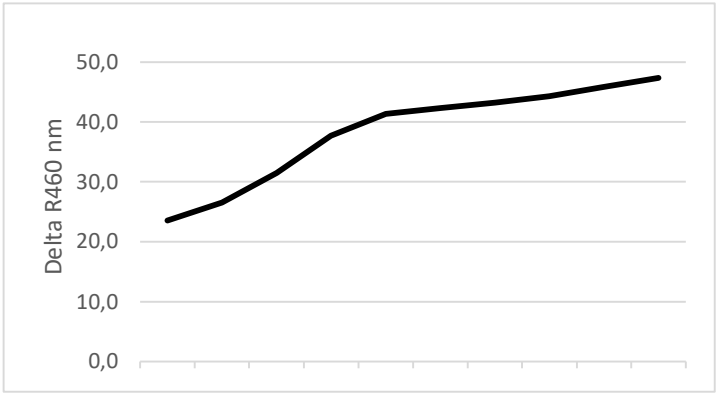
Order Code:	Substrate:	Yu:
C-H109	Woven Cotton (CN-11 w3x)	90,9
KC-H109	Knitted Cotton (CN-42w3x)	94,5

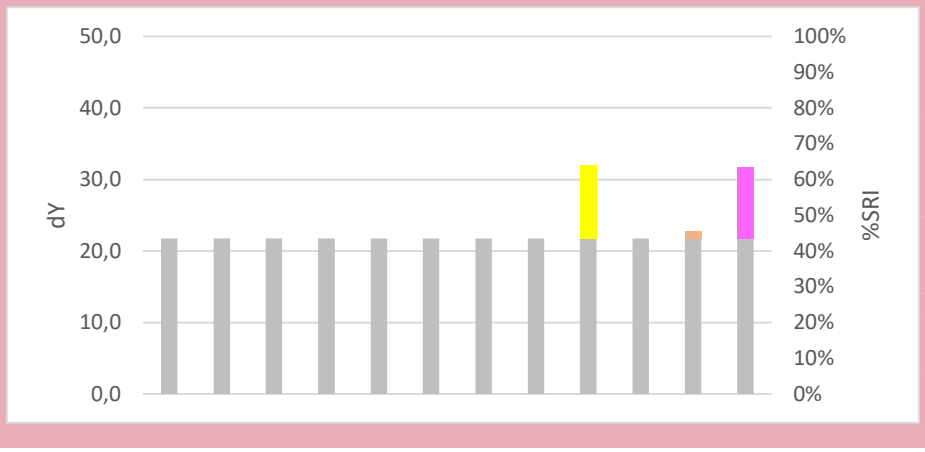
Order Code:	Substrate:	Yu:
PC-H109	Polyester/Cotton (PCN-01w3x)	87,9
P-H109	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

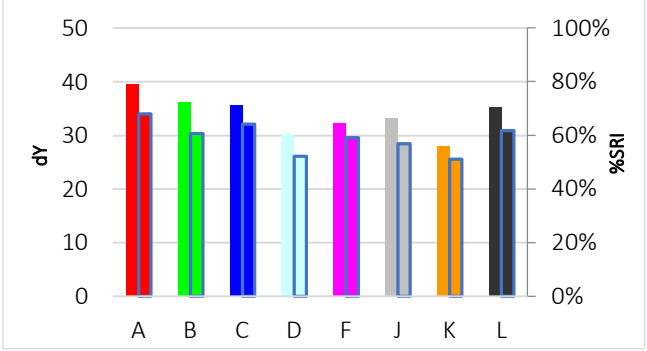


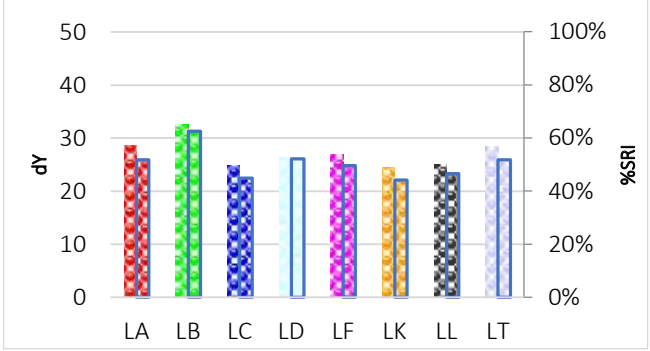


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H111

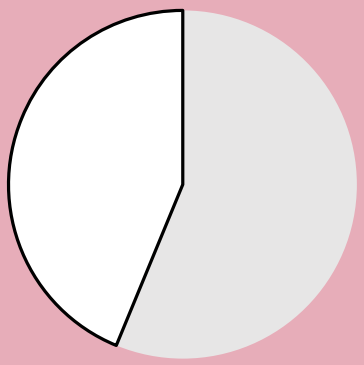
Curry, masala

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

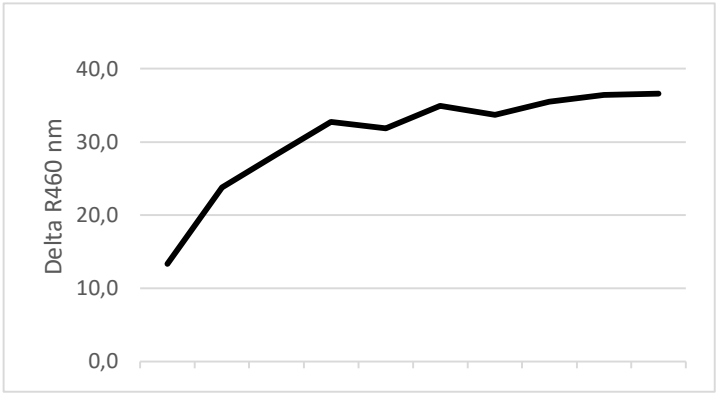
Order Code:	Substrate:	Yu:
C-H111	Woven Cotton (CN-11 w3x)	90,9
KC-H111	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H111	Polyester/Cotton (PCN-01w3x)	87,9
P-H111	Polyester (PN-01 w3x)	86,5

Detergent Component Response



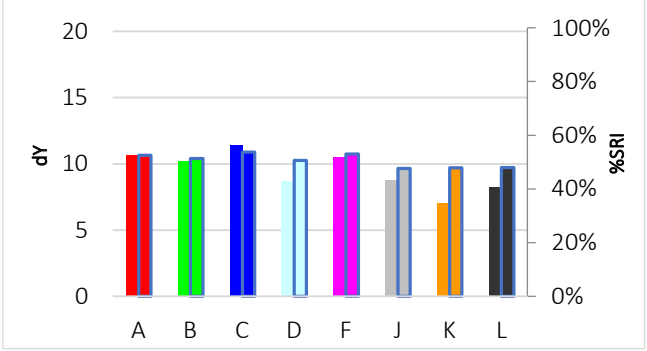
Detergent Dosage/Response & QC

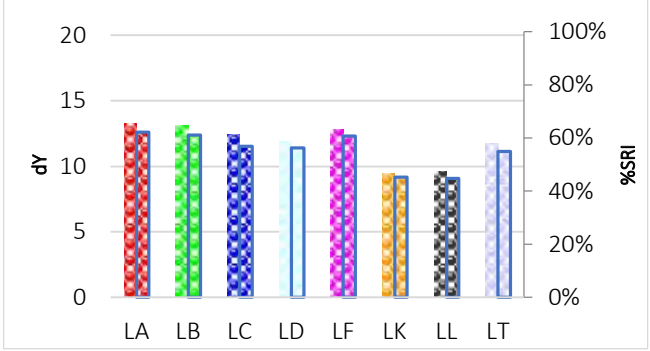


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H112

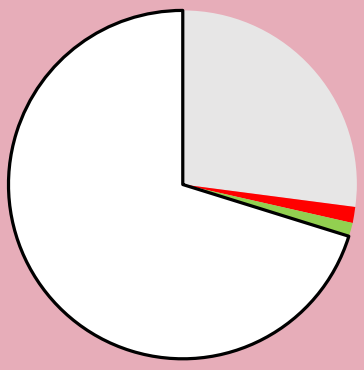
Beef fat, coloured with Sudan red

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

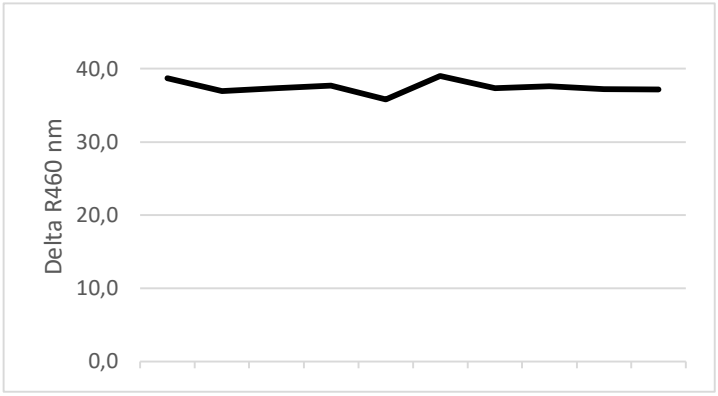
Order Code:	Substrate:	Yu:
C-H112	Woven Cotton (CN-11 w3x)	90,9
KC-H112	Knitted Cotton (CN-42w3x)	94,5

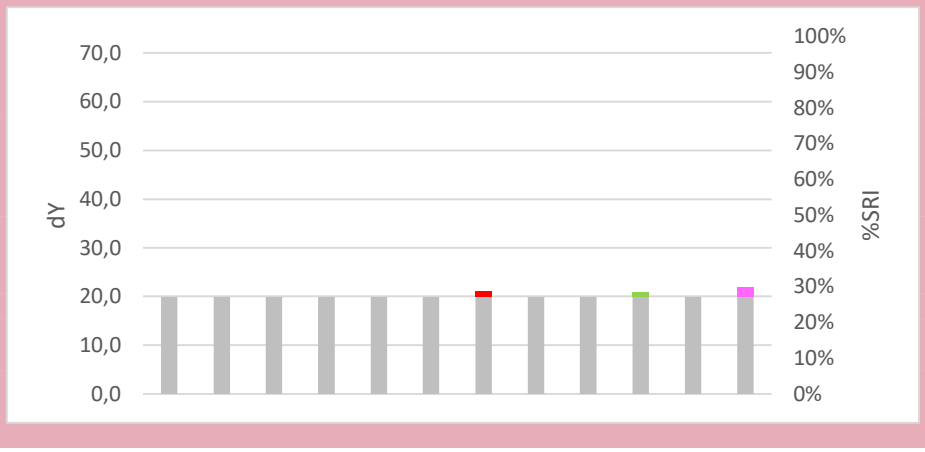
Order Code:	Substrate:	Yu:
PC-H112	Polyester/Cotton (PCN-01w3x)	87,9
P-H112	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

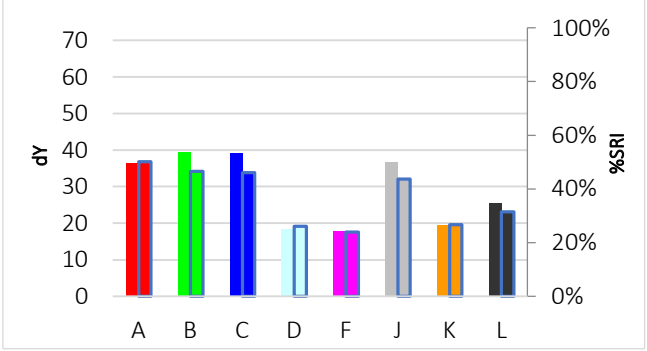


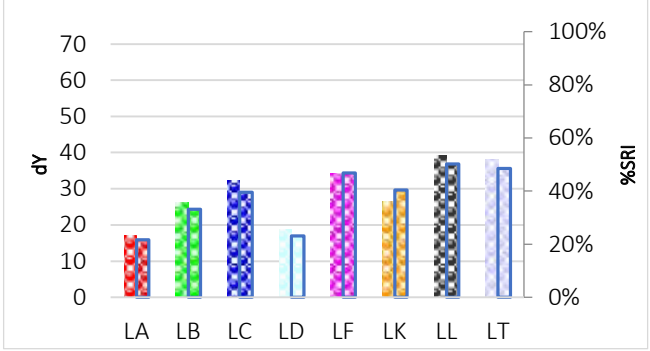


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H112X

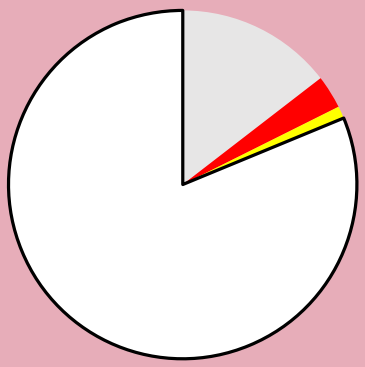
Beef fat, coloured with safe food colourant

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

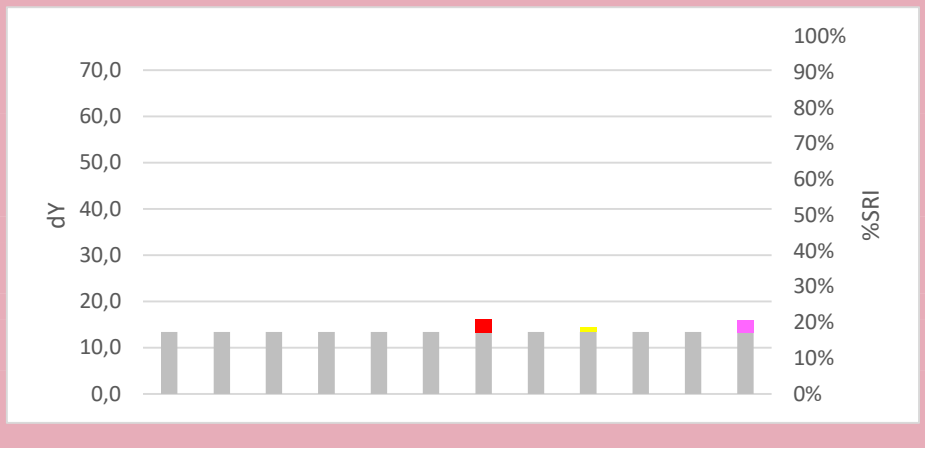
Order Code:	Substrate:	Yu:
C-H112X	Woven Cotton (CN-11 w3x)	90,9
KC-H112X	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H112X	Polyester/Cotton (PCN-01w3x)	87,9
P-H112X	Polyester (PN-01 w3x)	86,5

Detergent Component Response



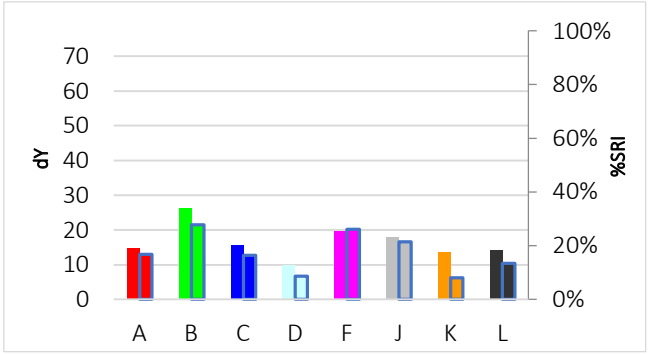
Detergent Dosage/Response & QC

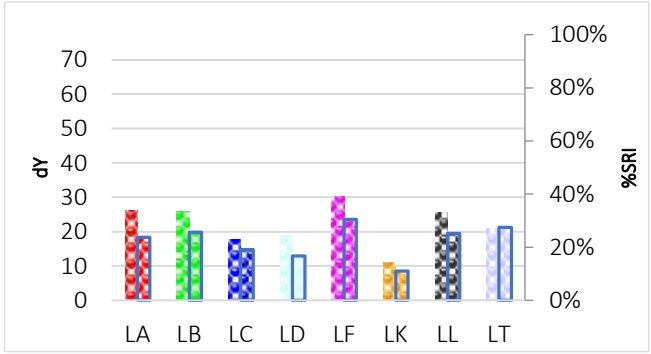


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
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C-H113

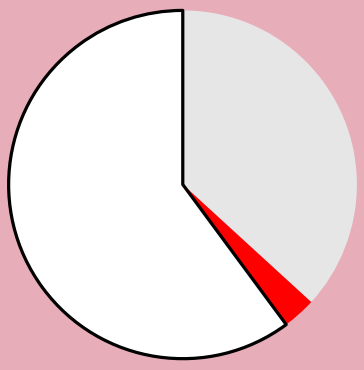
Lard, coloured with Sudan red

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

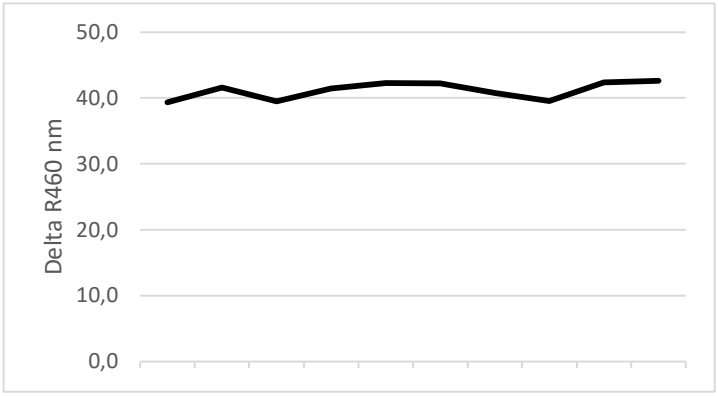
Order Code:	Substrate:	Yu:
C-H113	Woven Cotton (CN-11 w3x)	90,9
KC-H113	Knitted Cotton (CN-42w3x)	94,5

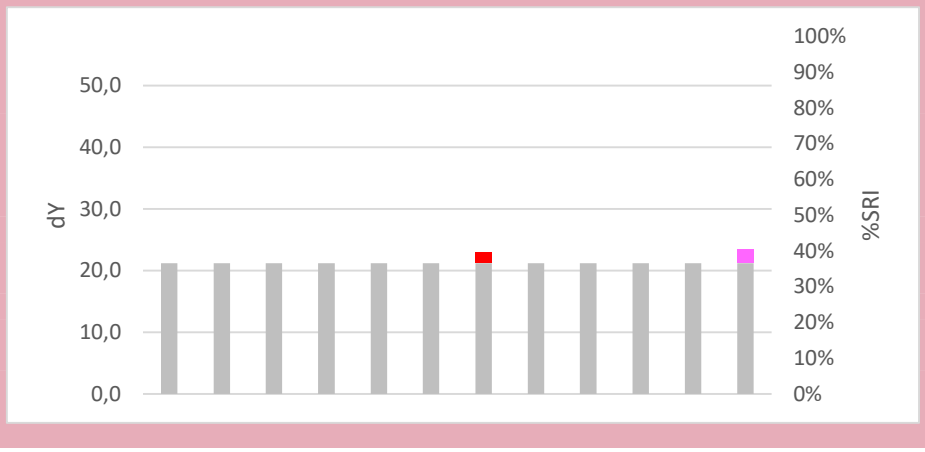
Order Code:	Substrate:	Yu:
PC-H113	Polyester/Cotton (PCN-01w3x)	87,9
P-H113	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

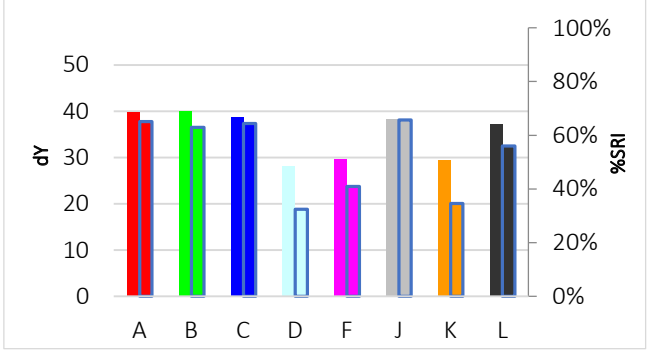


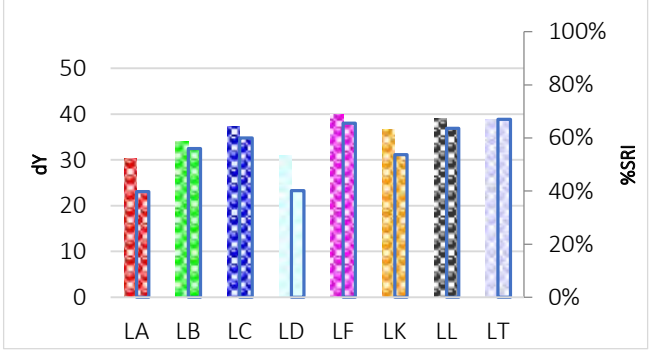


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H113X

Lard, coloured with safe food colourant

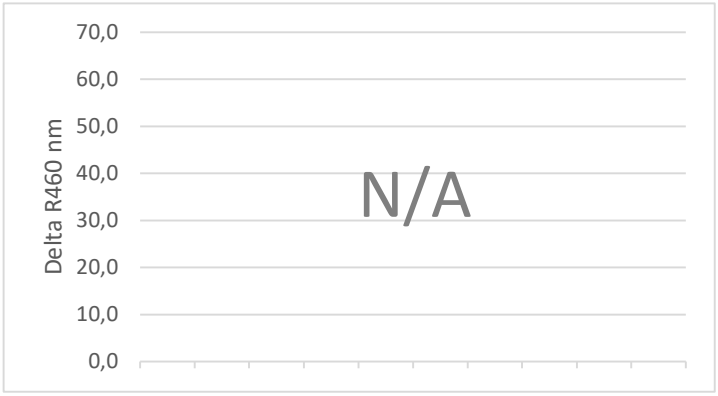
Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

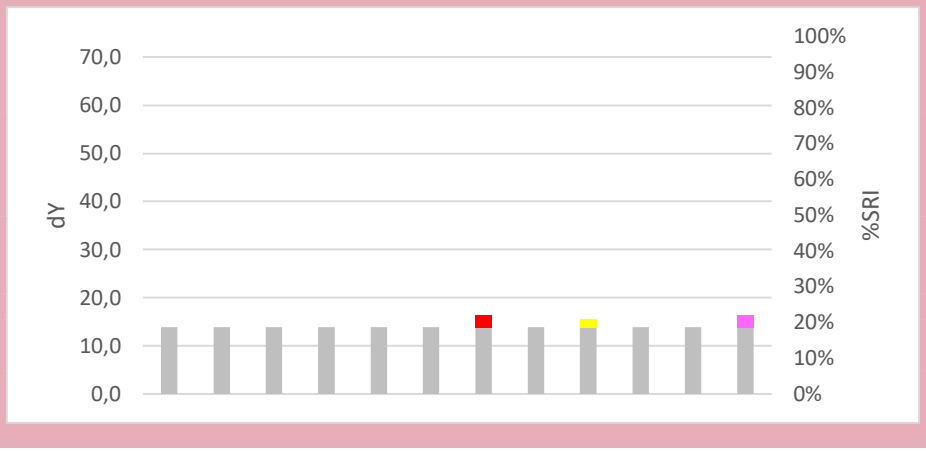
Order Code:	Substrate:	Yu:
C-H113X	Woven Cotton (CN-11 w3x)	90,9
KC-H113X	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H113X	Polyester/Cotton (PCN-01w3x)	87,9
P-H113X	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

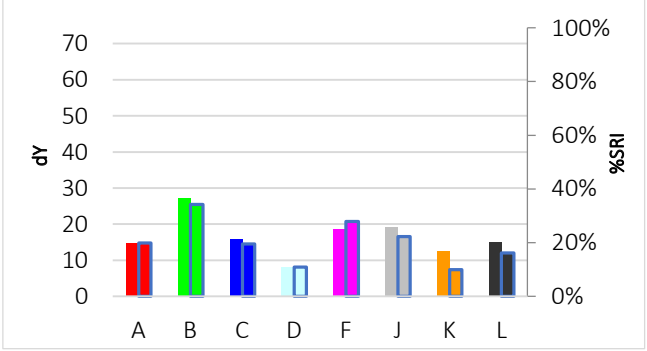


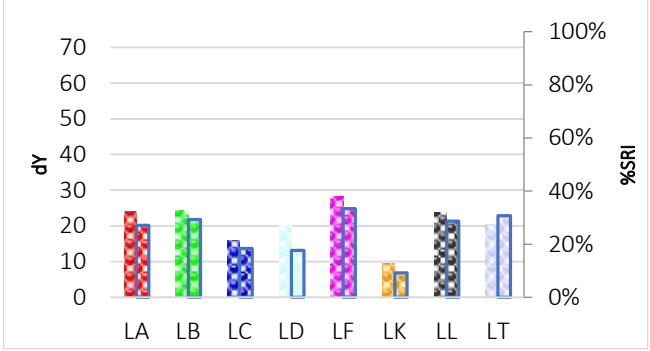


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H114

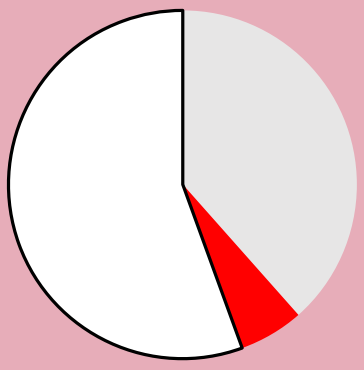
Butter

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★☆☆

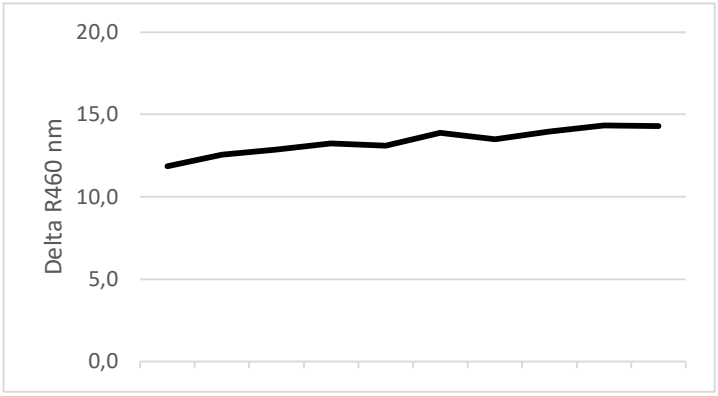
Order Code:	Substrate:	Yu:
C-H114	Woven Cotton (CN-11 w3x)	90,9
KC-H114	Knitted Cotton (CN-42w3x)	94,5

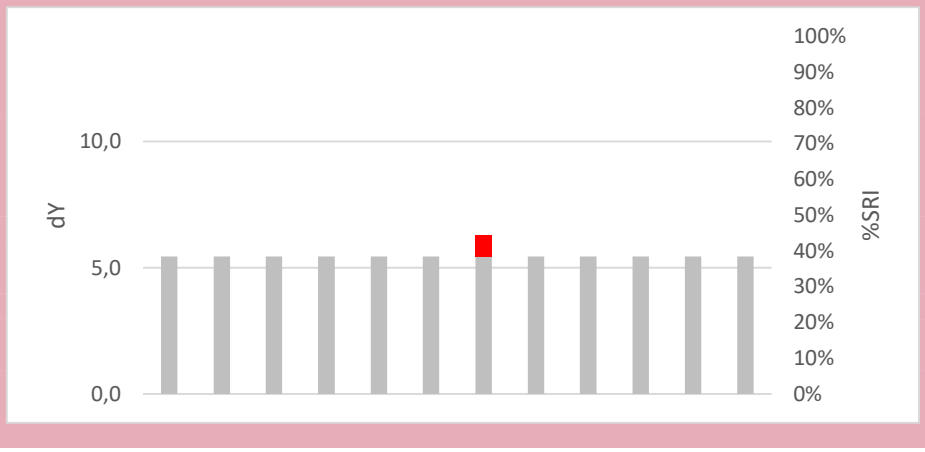
Order Code:	Substrate:	Yu:
PC-H114	Polyester/Cotton (PCN-01w3x)	87,9
P-H114	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

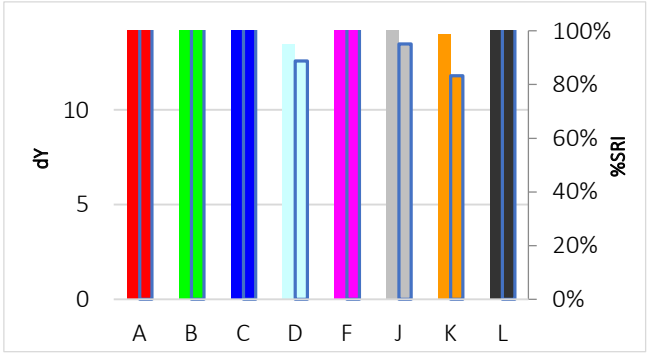


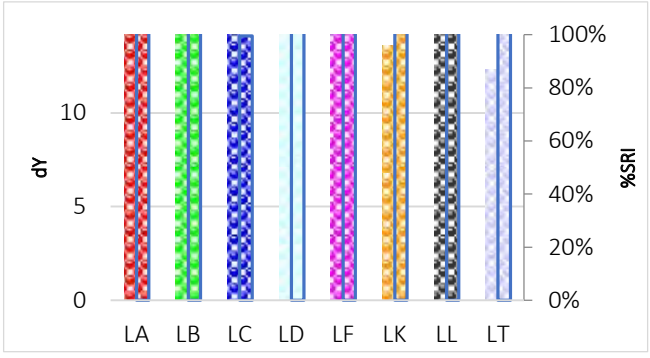


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H115

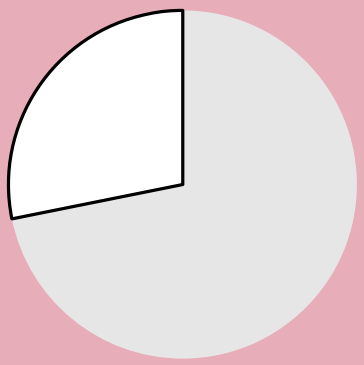
Standard clay

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

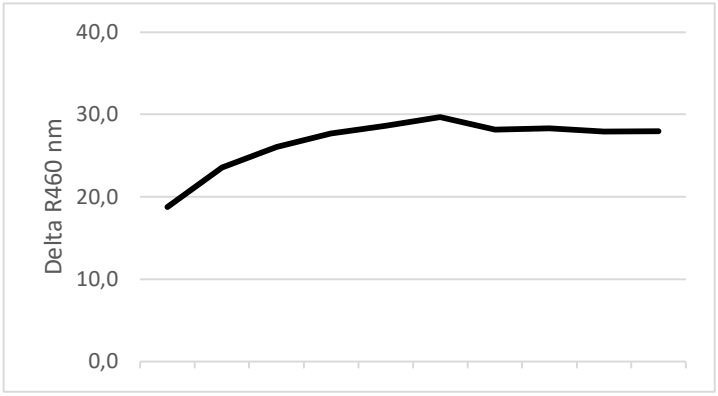
Order Code:	Substrate:	Yu:
C-H115	Woven Cotton (CN-11 w3x)	90,9
KC-H115	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H115	Polyester/Cotton (PCN-01w3x)	87,9
P-H115	Polyester (PN-01 w3x)	86,5

Detergent Component Response



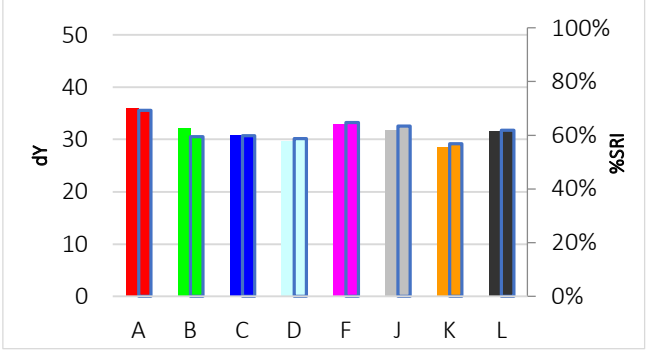
Detergent Dosage/Response & QC

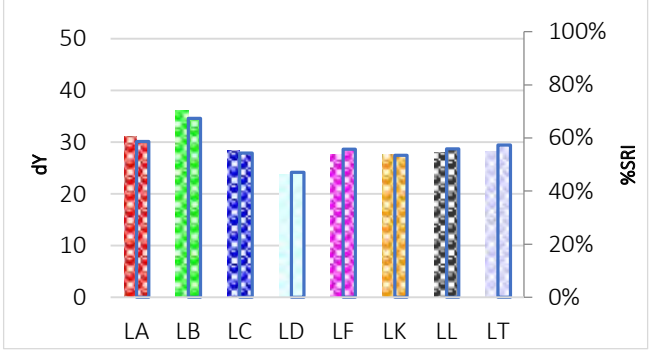


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT CENTER FOR TESTMATERIALS *This circular stain book has been compiled with the greatest possible care, but no rights can de derived from its contents.*

C-H116

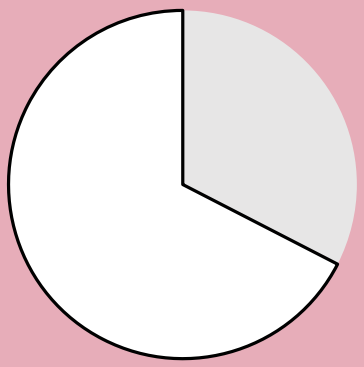
Carrot juice

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★☆☆

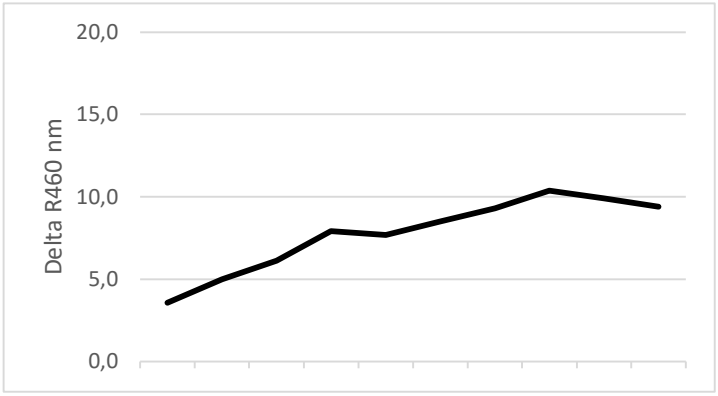
Order Code:	Substrate:	Yu:
C-H116	Woven Cotton (CN-11 w3x)	90,9
KC-H116	Knitted Cotton (CN-42w3x)	94,5

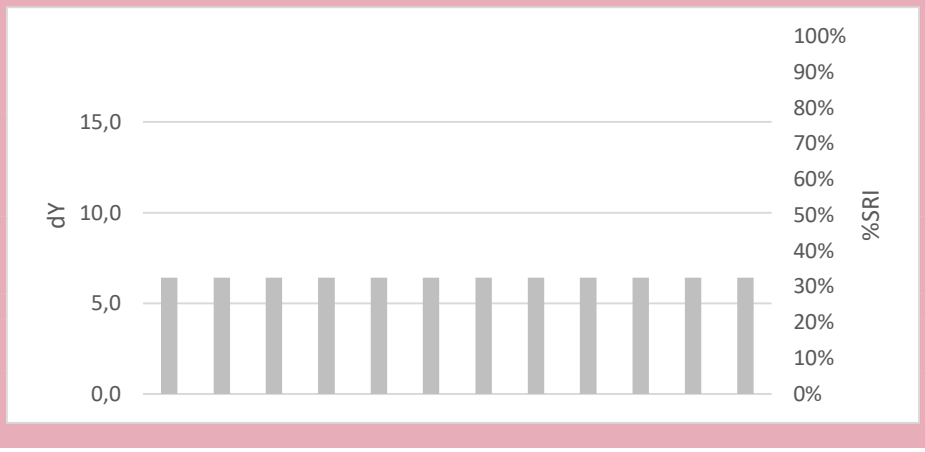
Order Code:	Substrate:	Yu:
PC-H116	Polyester/Cotton (PCN-01w3x)	87,9
P-H116	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

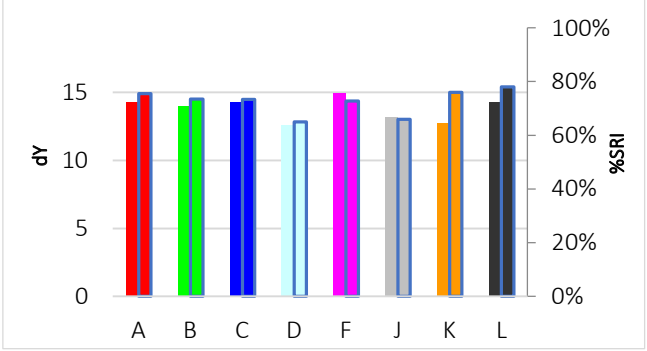


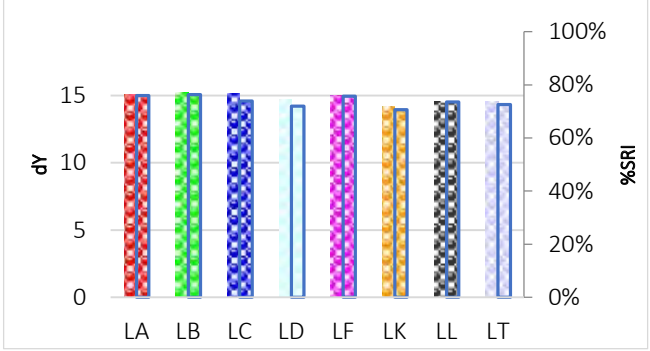


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H117

Bacon grease

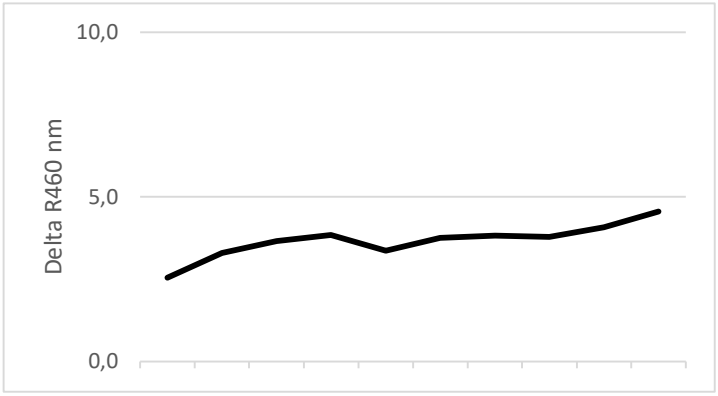
Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★★★

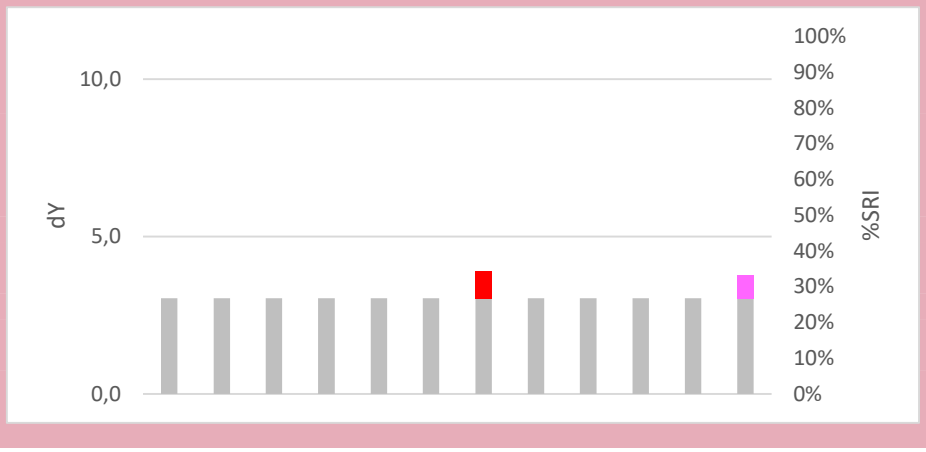
Order Code:	Substrate:	Yu:
C-H117	Woven Cotton (CN-11 w3x)	90,9
KC-H117	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H117	Polyester/Cotton (PCN-01w3x)	87,9
P-H117	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

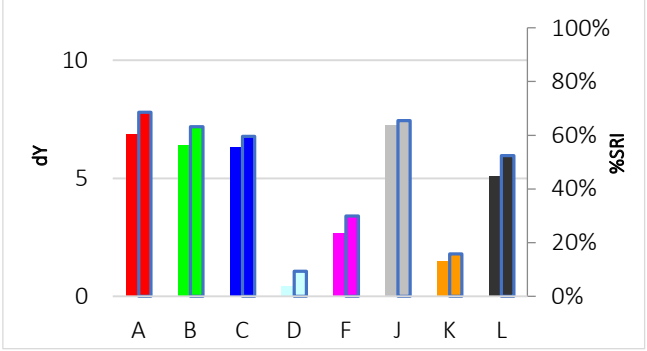


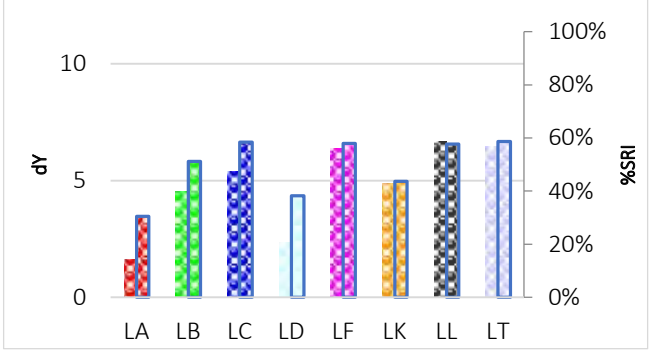


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H118

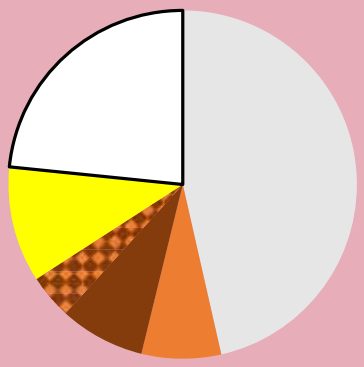
Chocolate pudding

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

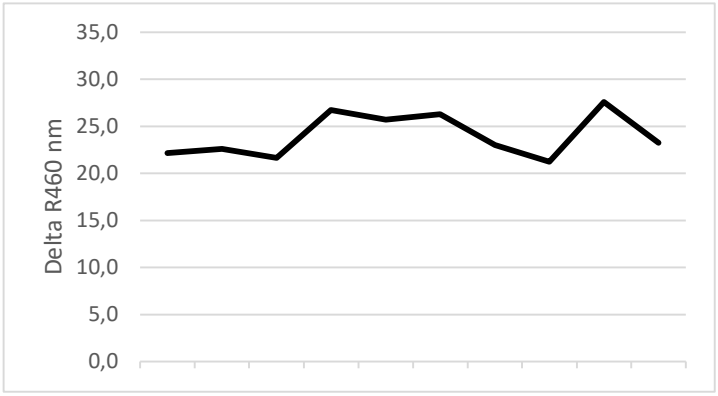
Order Code:	Substrate:	Yu:
C-H118	Woven Cotton (CN-11 w3x)	90,9
KC-H118	Knitted Cotton (CN-42w3x)	94,5

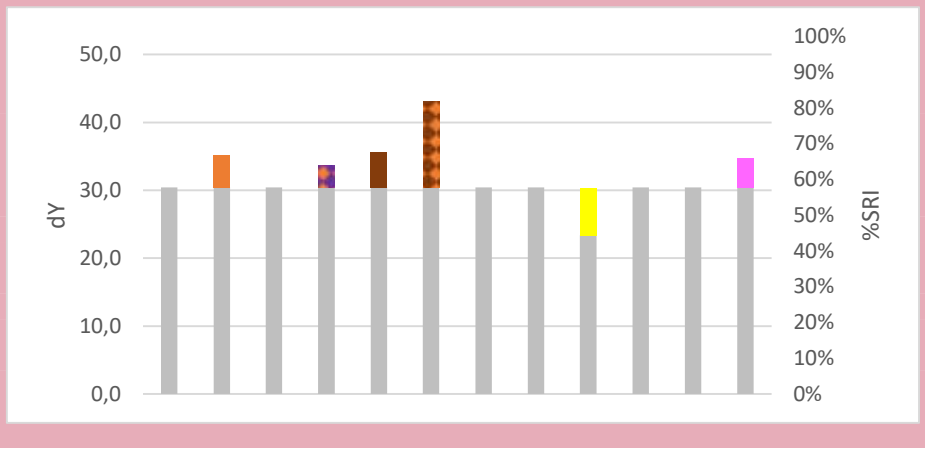
Order Code:	Substrate:	Yu:
PC-H118	Polyester/Cotton (PCN-01w3x)	87,9
P-H118	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

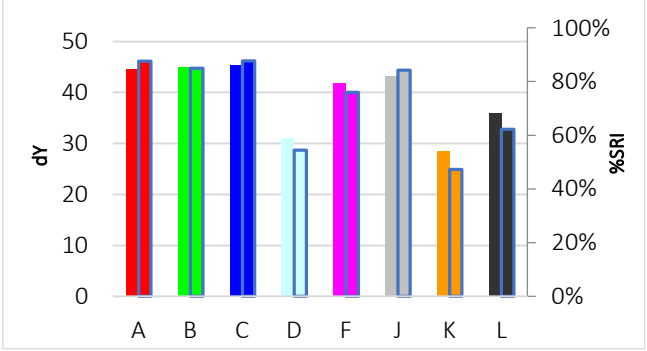


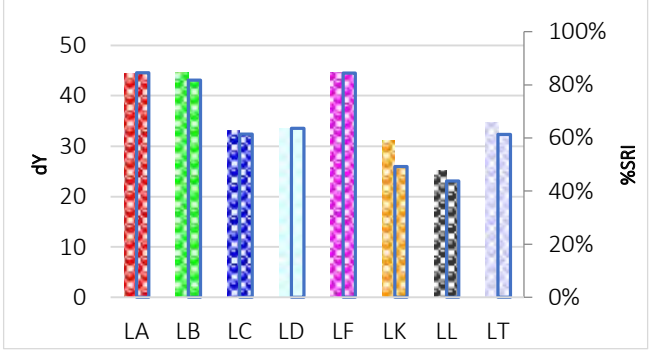


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H119

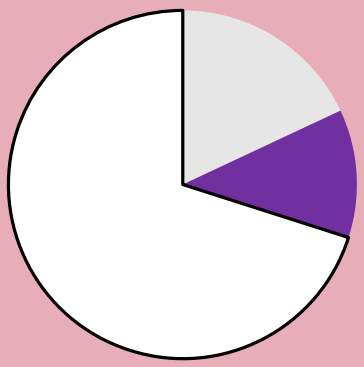
Baby food, Grandpa's Sunday Lunch

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

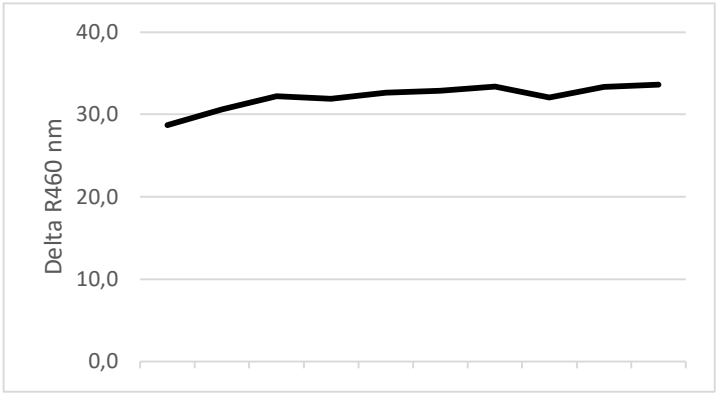
Order Code:	Substrate:	Yu:
C-H119	Woven Cotton (CN-11 w3x)	90,9
KC-H119	Knitted Cotton (CN-42w3x)	94,5

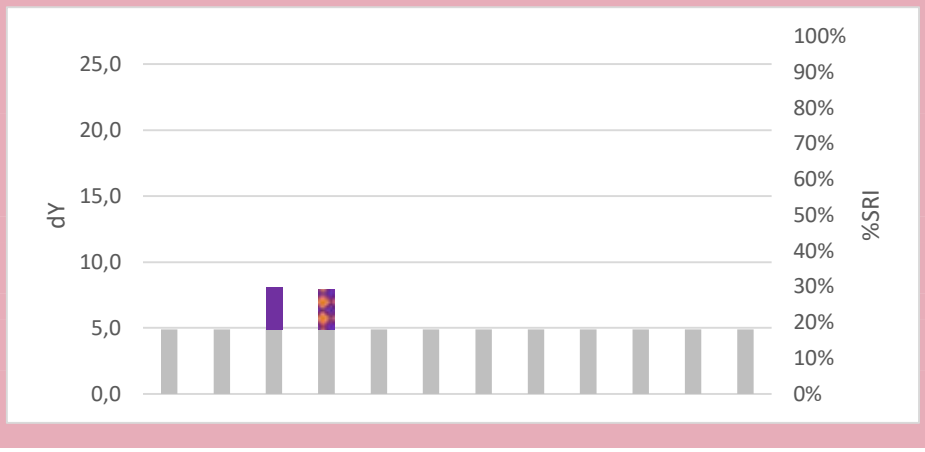
Order Code:	Substrate:	Yu:
PC-H119	Polyester/Cotton (PCN-01w3x)	87,9
P-H119	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

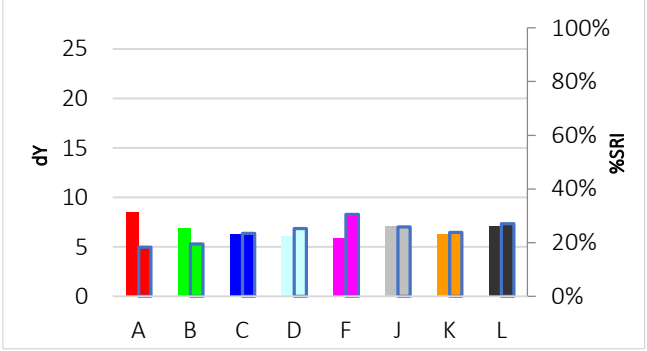


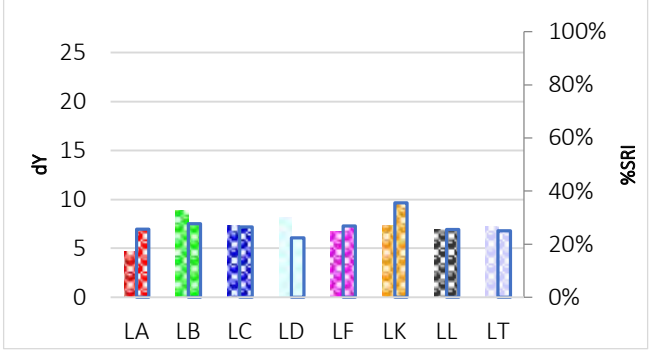


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H120

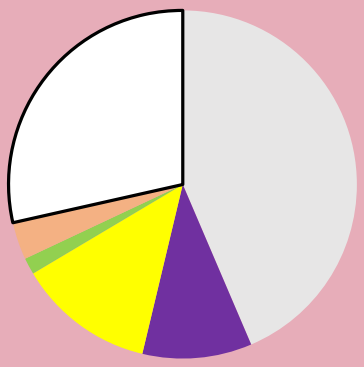
Peat, type B

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★☆☆
Popularity: ★☆☆☆☆

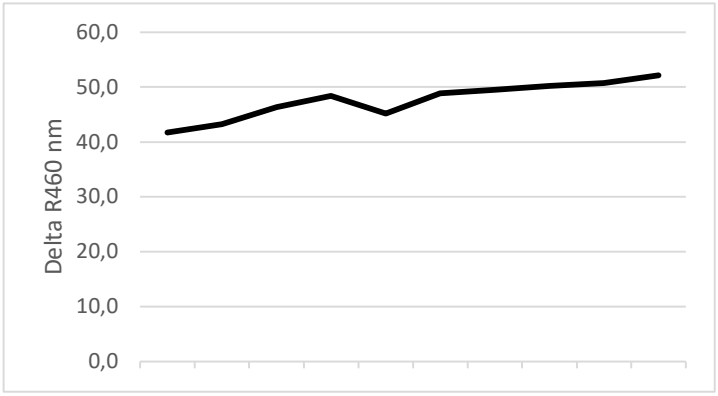
Order Code:	Substrate:	Yu:
C-H120	Woven Cotton (CN-11 w3x)	90,9
KC-H120	Knitted Cotton (CN-42w3x)	94,5

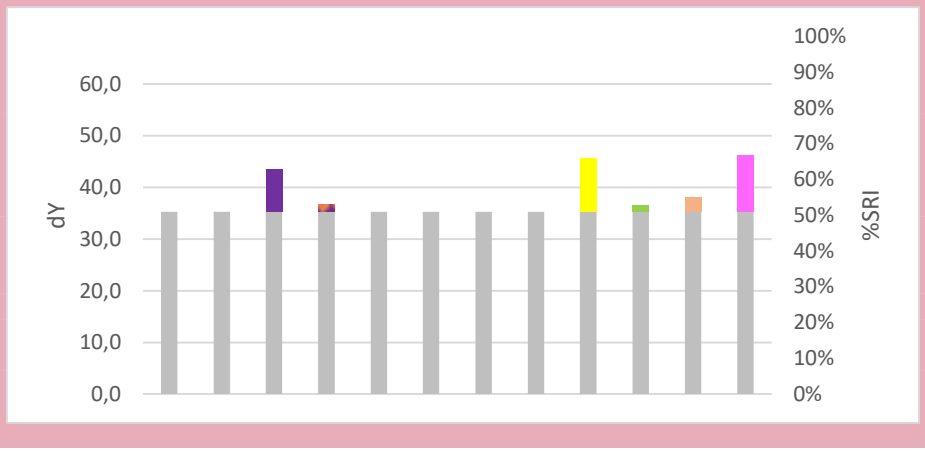
Order Code:	Substrate:	Yu:
PC-H120	Polyester/Cotton (PCN-01w3x)	87,9
P-H120	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

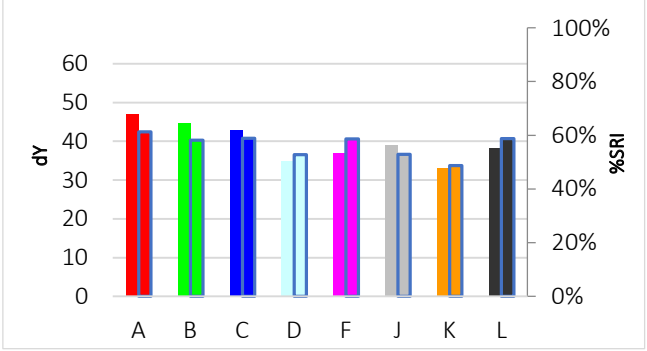


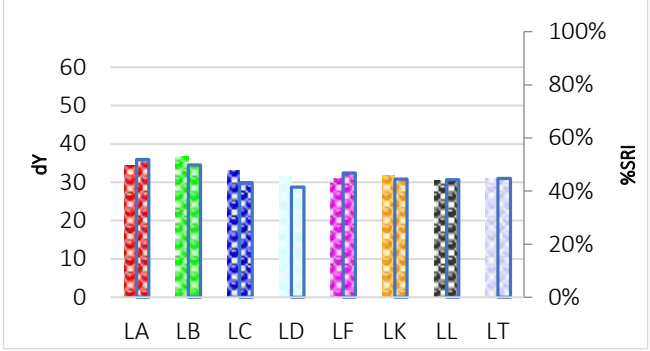


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H122

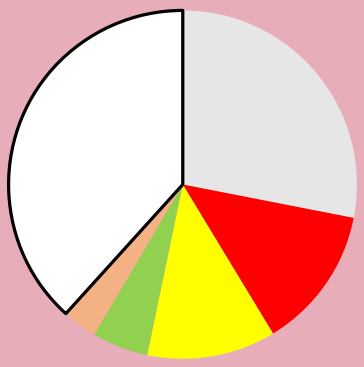
Lipstick, gold

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

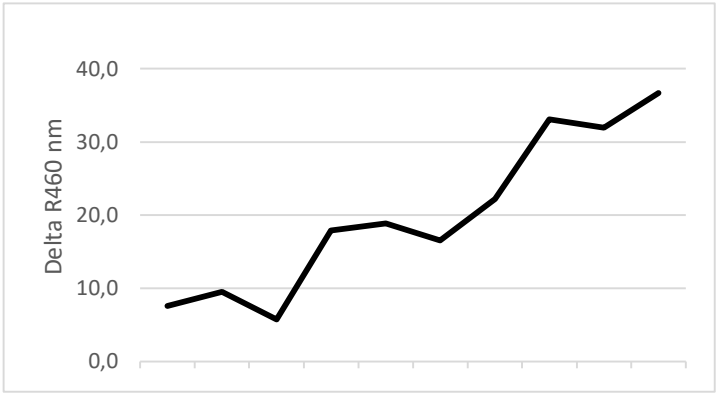
Order Code:	Substrate:	Yu:
C-H122	Woven Cotton (CN-11 w3x)	90,9
KC-H122	Knitted Cotton (CN-42w3x)	94,5

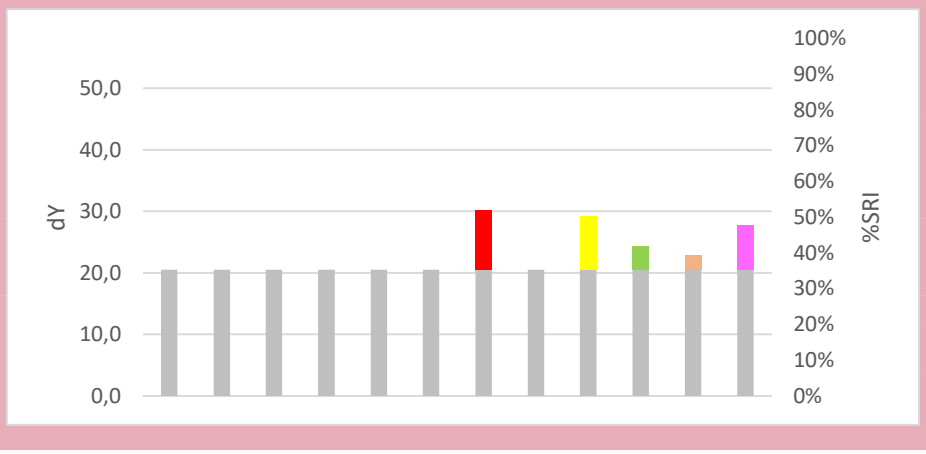
Order Code:	Substrate:	Yu:
PC-H122	Polyester/Cotton (PCN-01w3x)	87,9
P-H122	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

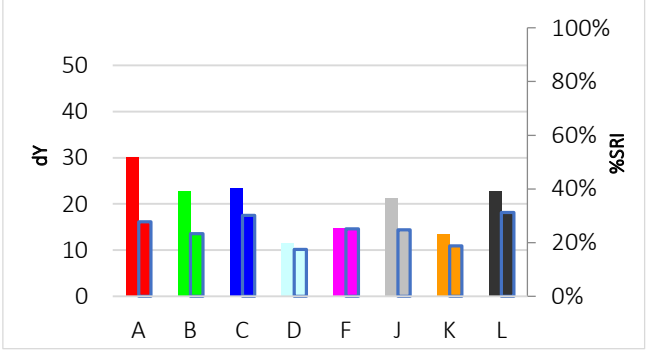


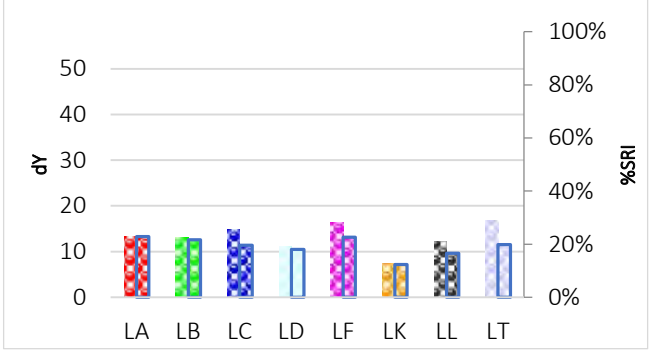


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H123

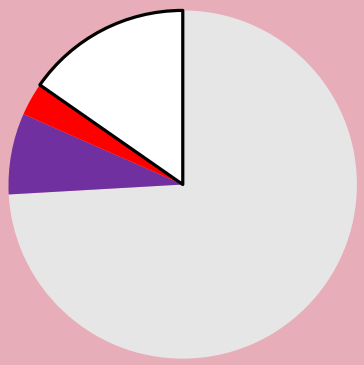
Chocolate Syrup

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

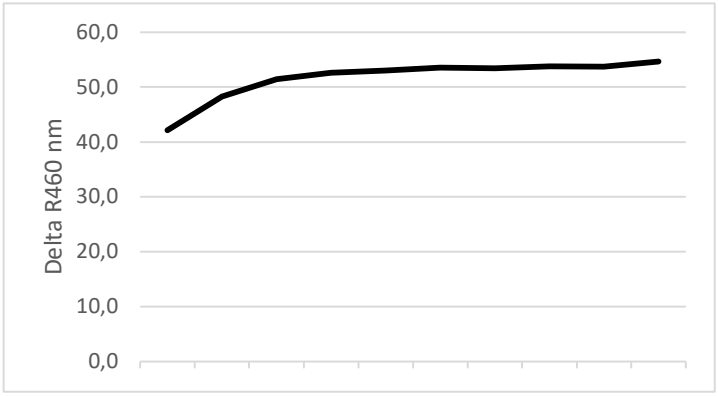
Order Code:	Substrate:	Yu:
C-H123	Woven Cotton (CN-11 w3x)	90,9
KC-H123	Knitted Cotton (CN-42w3x)	94,5

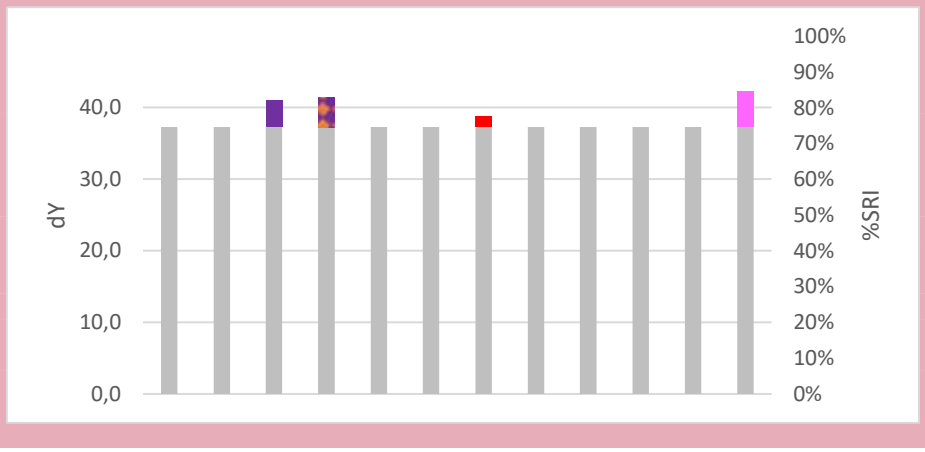
Order Code:	Substrate:	Yu:
PC-H123	Polyester/Cotton (PCN-01w3x)	87,9
P-H123	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

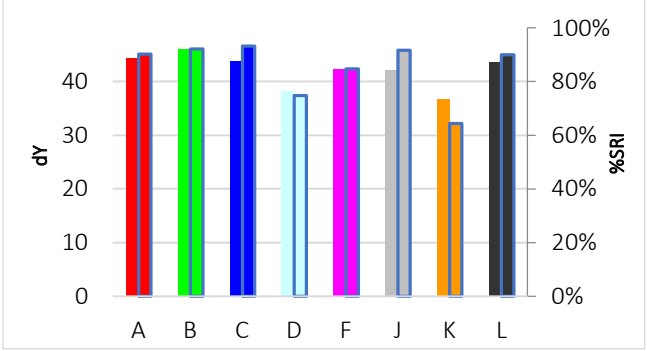


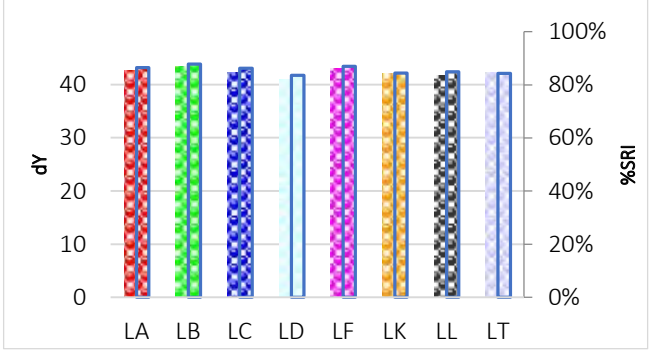


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H124

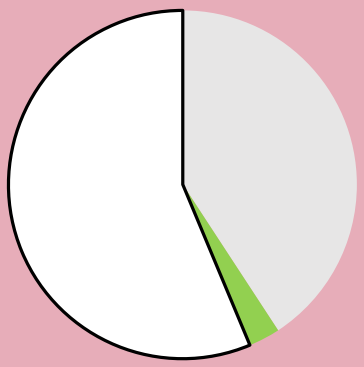
Corn oil, coloured with violet dye

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★☆☆
Popularity: ★★★★☆

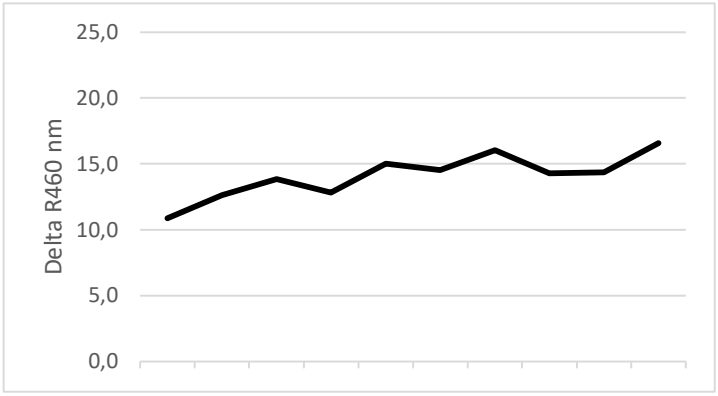
Order Code:	Substrate:	Yu:
C-H124	Woven Cotton (CN-11 w3x)	90,9
KC-H124	Knitted Cotton (CN-42w3x)	94,5

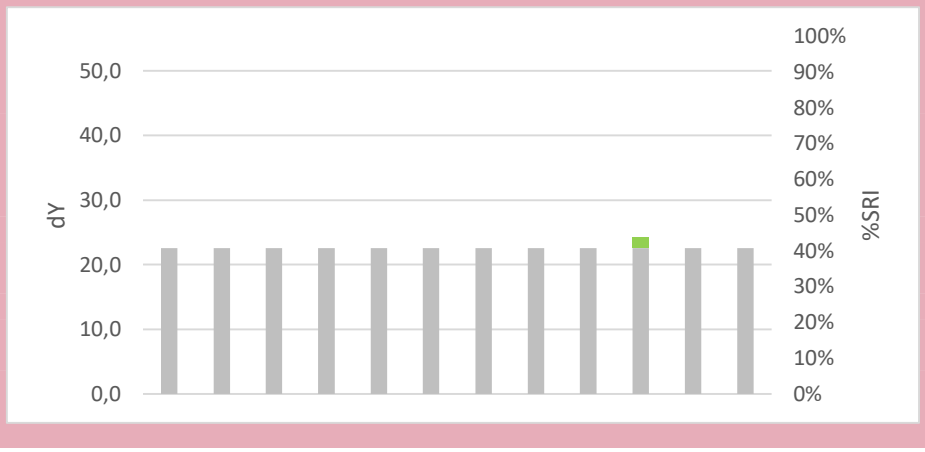
Order Code:	Substrate:	Yu:
PC-H124	Polyester/Cotton (PCN-01w3x)	87,9
P-H124	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

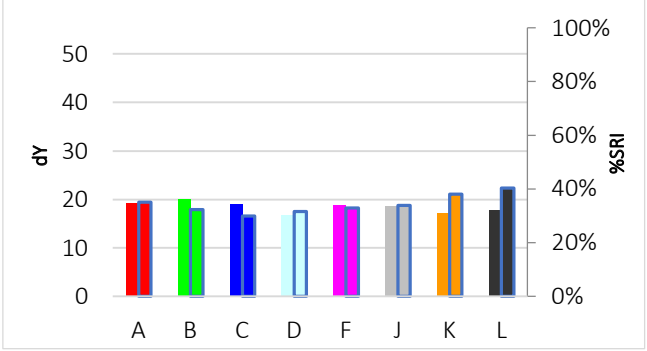


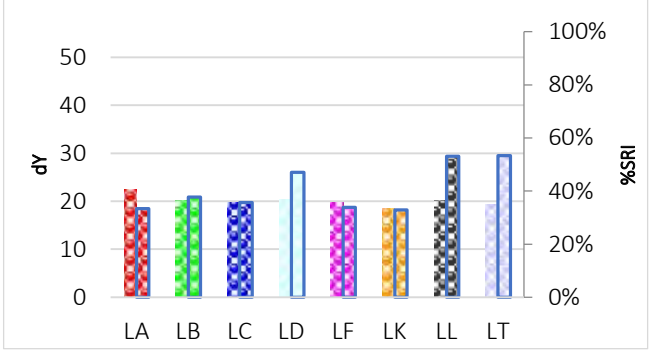


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H125

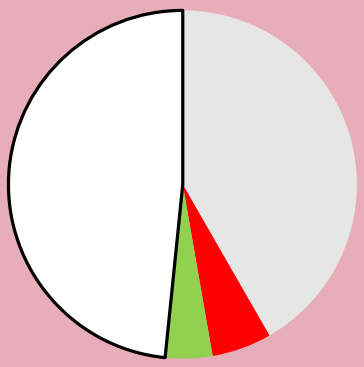
Olive oil, coloured with violet dye

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

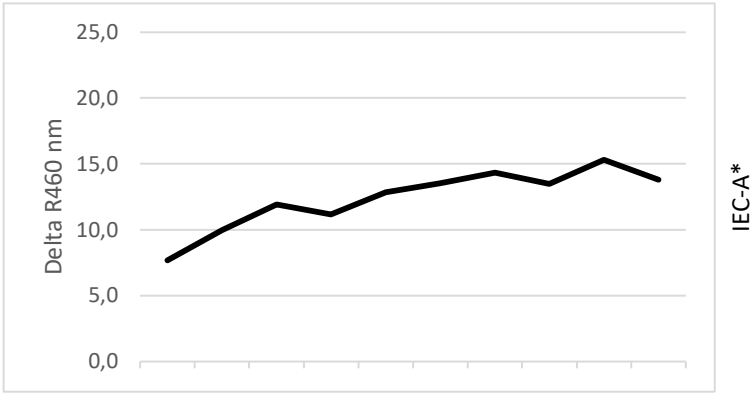
Order Code:	Substrate:	Yu:
C-H125	Woven Cotton (CN-11 w3x)	90,9
KC-H125	Knitted Cotton (CN-42w3x)	94,5

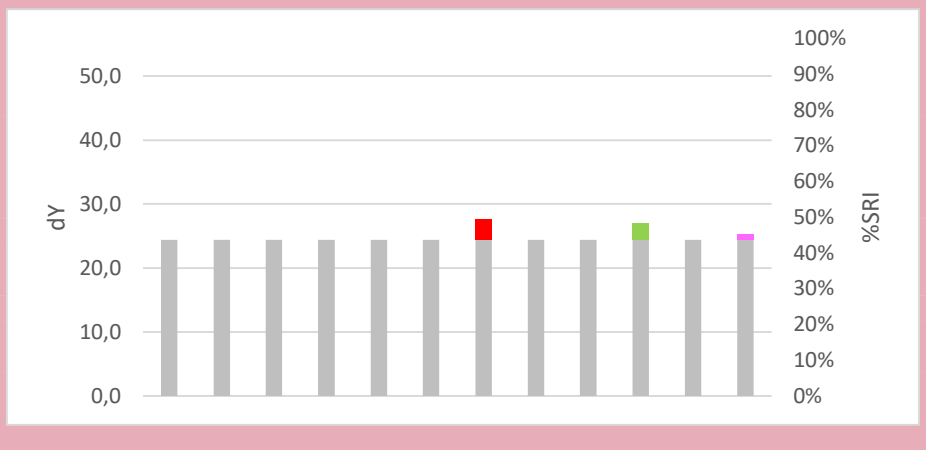
Order Code:	Substrate:	Yu:
PC-H125	Polyester/Cotton (PCN-01w3x)	87,9
P-H125	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

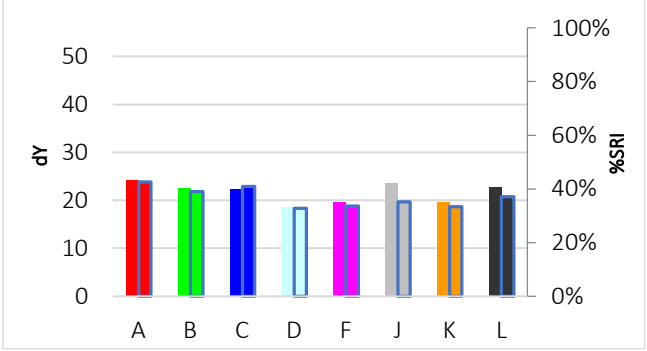


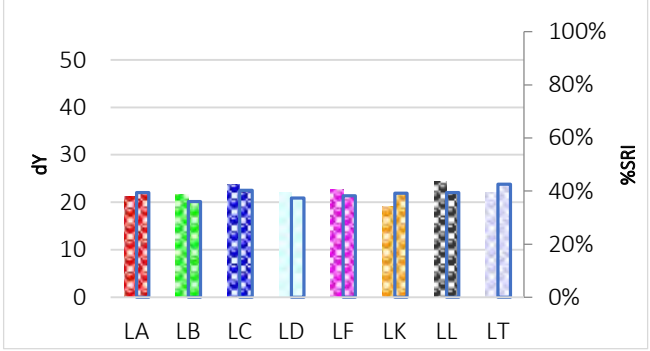


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H126

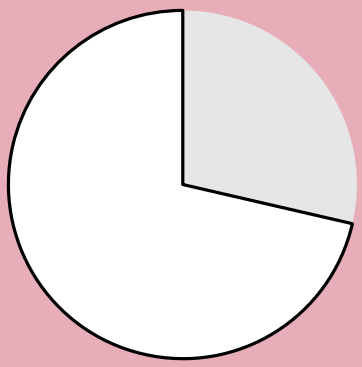
Vegetable oil, coloured with violet dye

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★☆☆
Popularity: ★★★★★

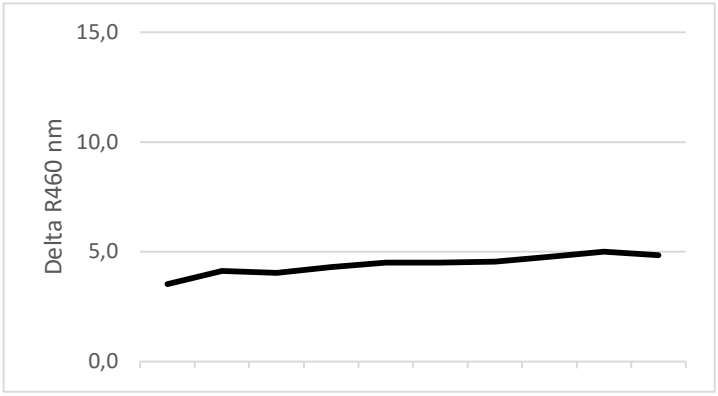
Order Code:	Substrate:	Yu:
C-H126	Woven Cotton (CN-11 w3x)	90,9
KC-H126	Knitted Cotton (CN-42w3x)	94,5

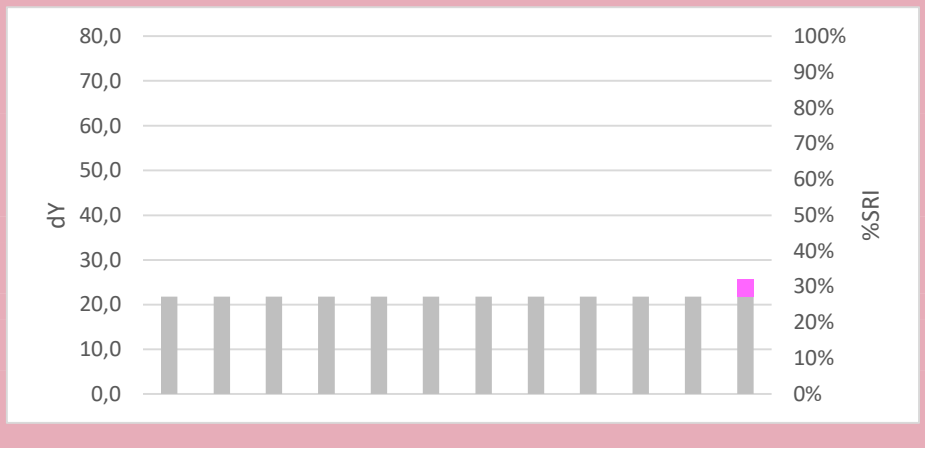
Order Code:	Substrate:	Yu:
PC-H126	Polyester/Cotton (PCN-01w3x)	87,9
P-H126	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

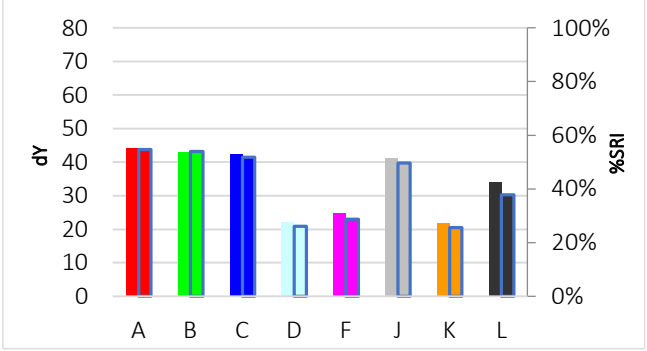


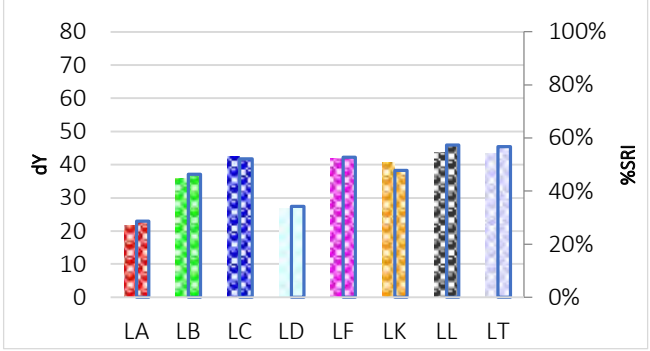


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H127

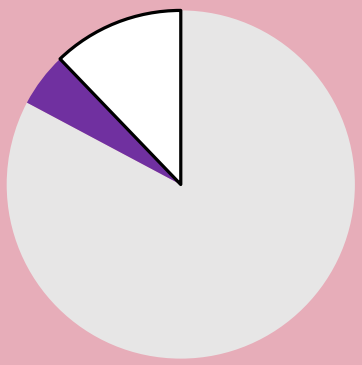
Blood with extra anti-coagulant

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

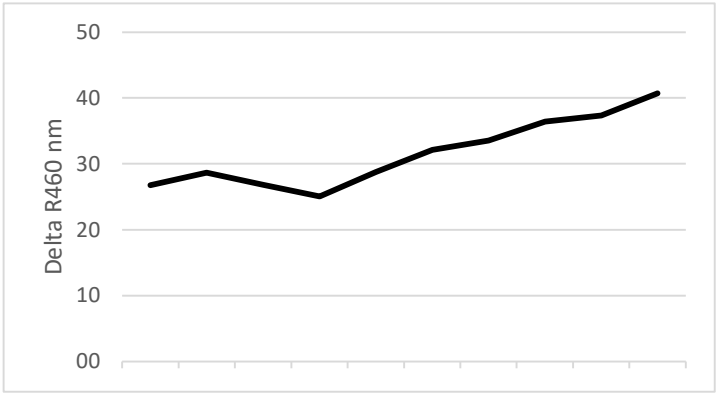
Order Code:	Substrate:	Yu:
C-H127	Woven Cotton (CN-11 w3x)	90,9
KC-H127	Knitted Cotton (CN-42w3x)	94,5

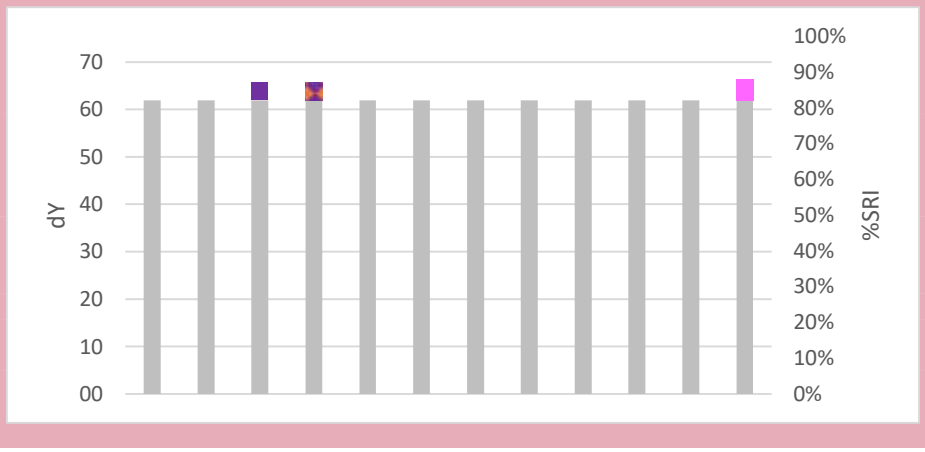
Order Code:	Substrate:	Yu:
PC-H127	Polyester/Cotton (PCN-01w3x)	87,9
P-H127	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

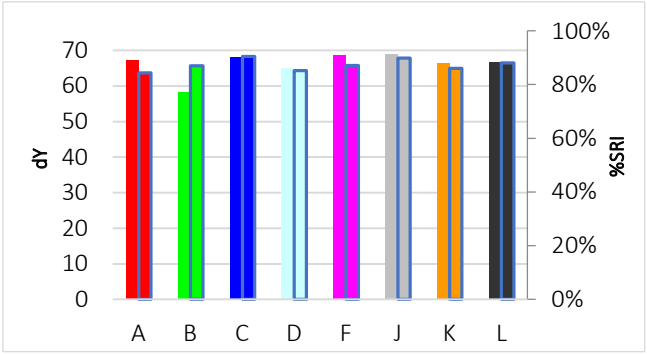


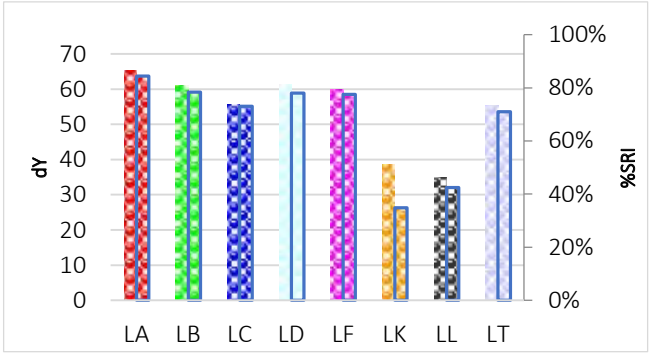


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H128

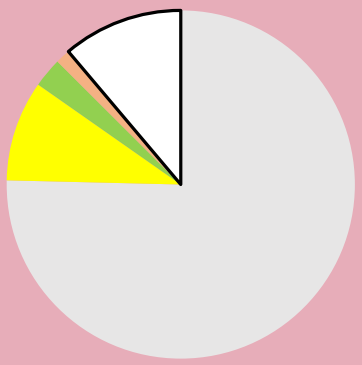
Fountain pen ink

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

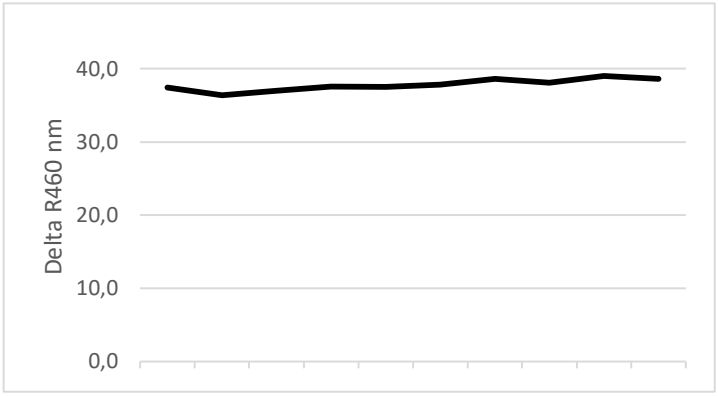
Order Code:	Substrate:	Yu:
C-H128	Woven Cotton (CN-11 w3x)	90,9
KC-H128	Knitted Cotton (CN-42w3x)	94,5

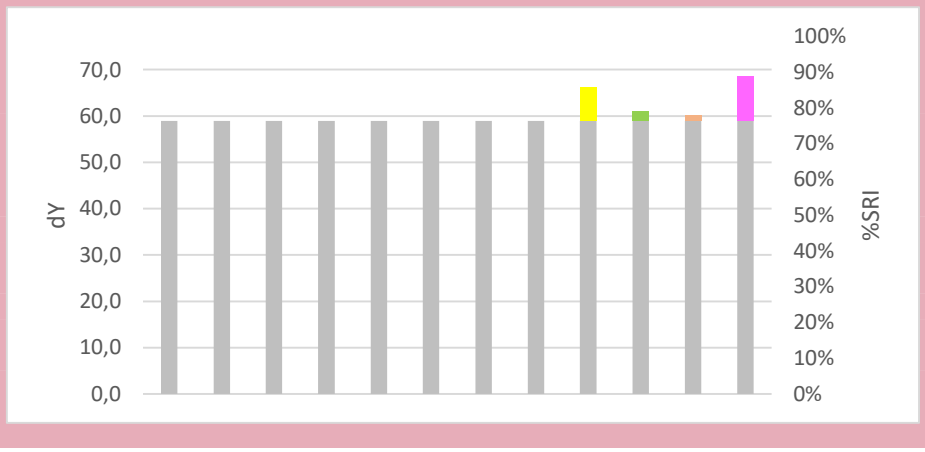
Order Code:	Substrate:	Yu:
PC-H128	Polyester/Cotton (PCN-01w3x)	87,9
P-H128	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

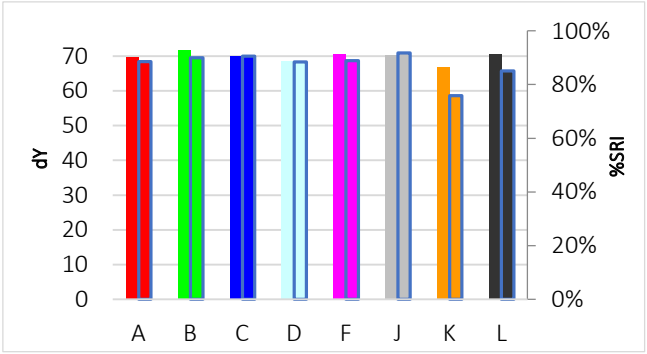


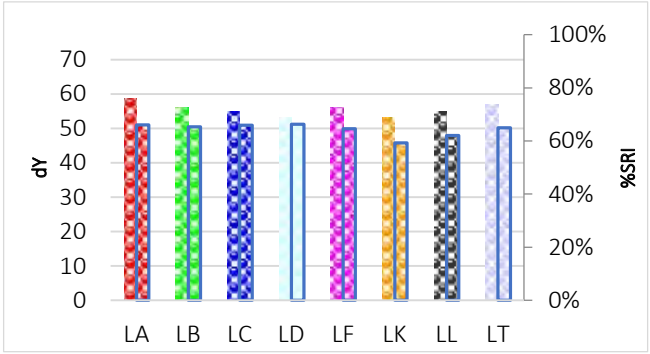


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H129

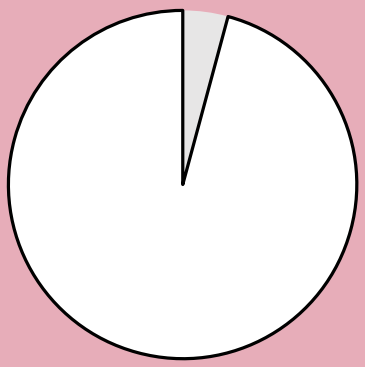
Make-up, Stay Matte

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

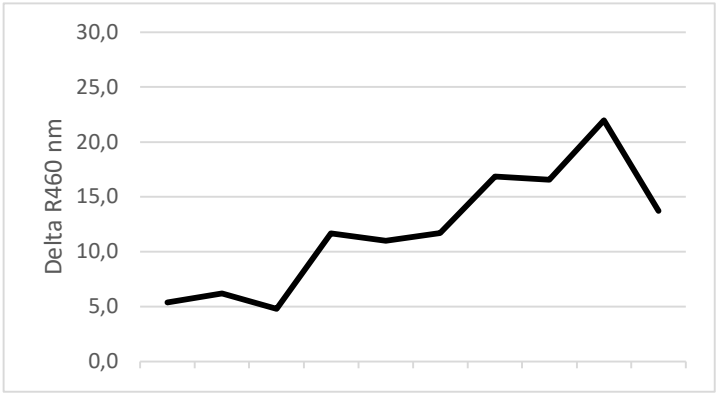
Order Code:	Substrate:	Yu:
C-H129	Woven Cotton (CN-11 w3x)	90,9
KC-H129	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H129	Polyester/Cotton (PCN-01w3x)	87,9
P-H129	Polyester (PN-01 w3x)	86,5

Detergent Component Response



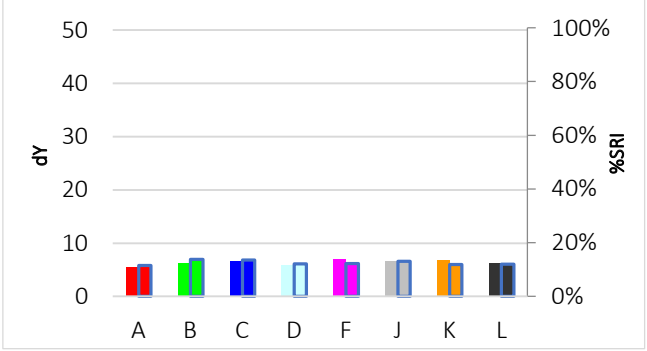
Detergent Dosage/Response & QC

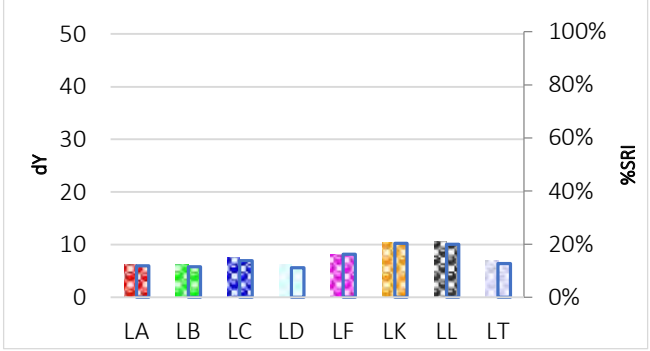


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H130

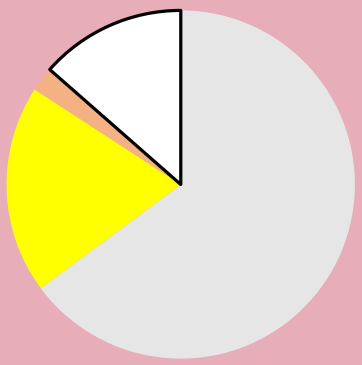
Blueberries, fresh

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★☆☆☆☆
Reliability Ratio: ★★★☆☆
Popularity: ★★★☆☆

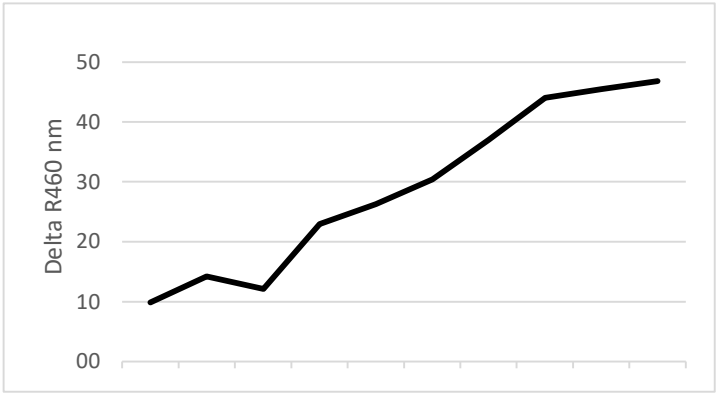
Order Code:	Substrate:	Yu:
C-H130	Woven Cotton (CN-11 w3x)	90,9
KC-H130	Knitted Cotton (CN-42w3x)	94,5

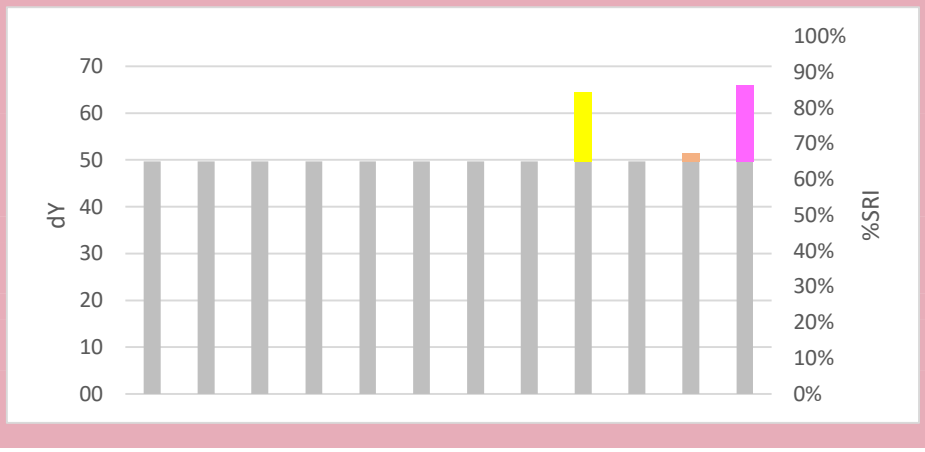
Order Code:	Substrate:	Yu:
PC-H130	Polyester/Cotton (PCN-01w3x)	87,9
P-H130	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

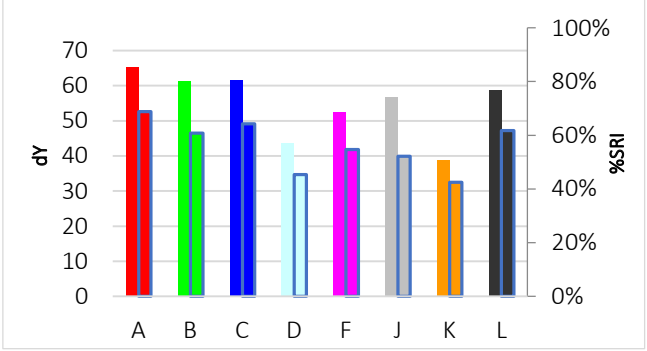


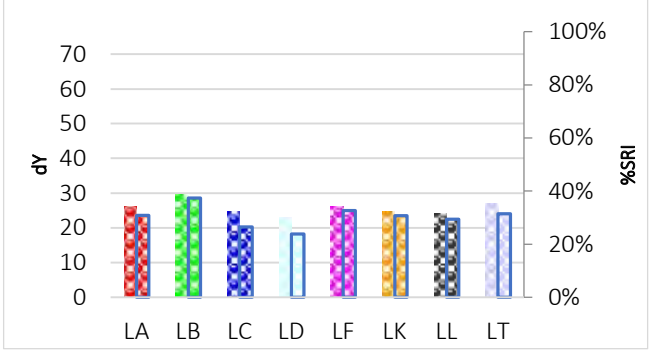


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H131

Butterfat, coloured

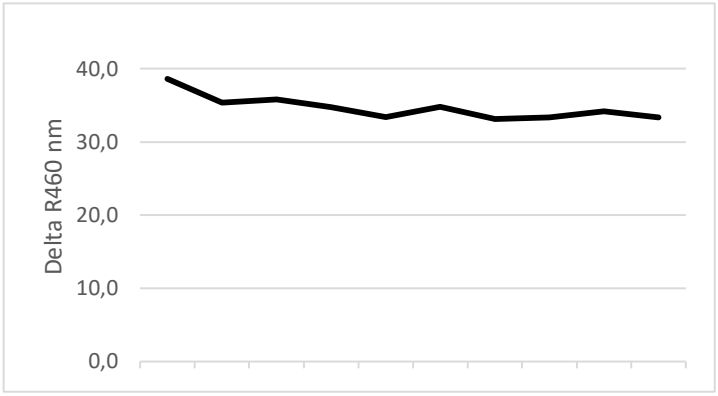
Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

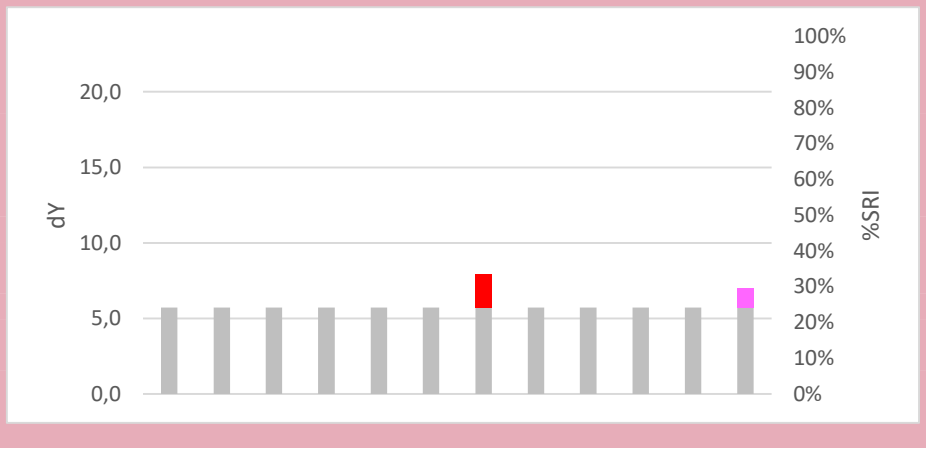
Order Code:	Substrate:	Yu:
C-H131	Woven Cotton (CN-11 w3x)	90,9
KC-H131	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H131	Polyester/Cotton (PCN-01w3x)	87,9
P-H131	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

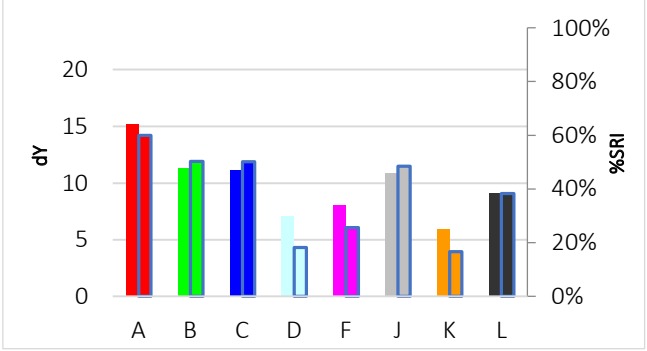


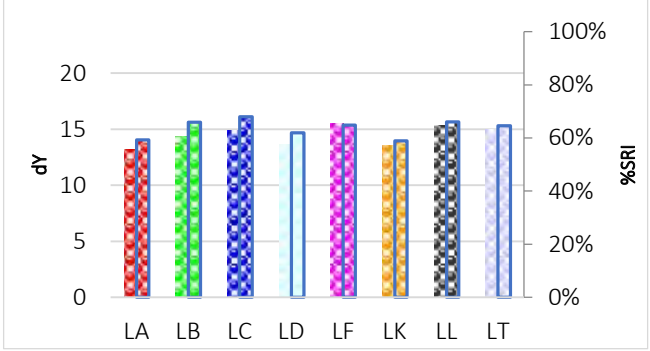


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H132

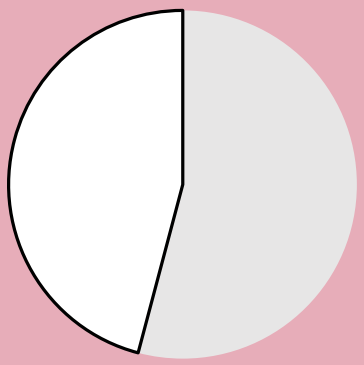
Tomato with sunflower oil

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★★★

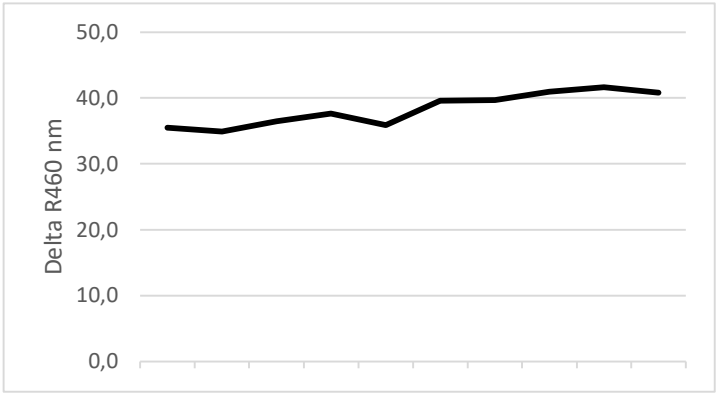
Order Code:	Substrate:	Yu:
C-H132	Woven Cotton (CN-11 w3x)	90,9
KC-H132	Knitted Cotton (CN-42w3x)	94,5

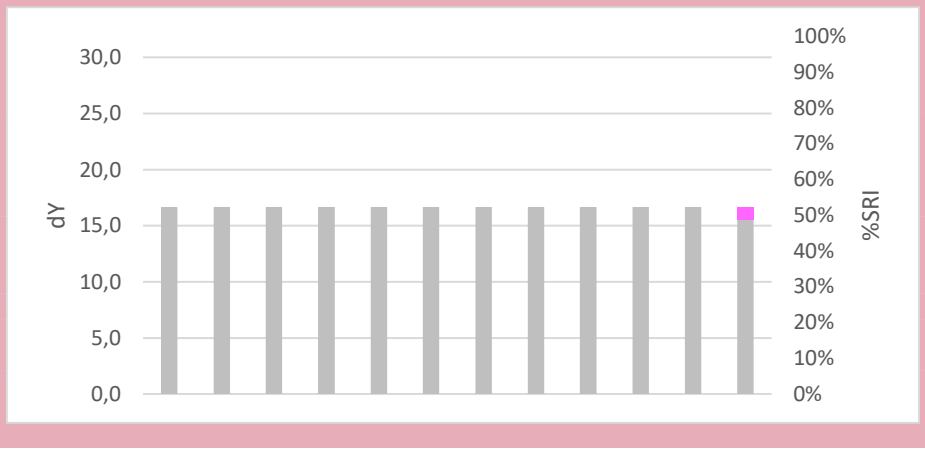
Order Code:	Substrate:	Yu:
PC-H132	Polyester/Cotton (PCN-01w3x)	87,9
P-H132	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

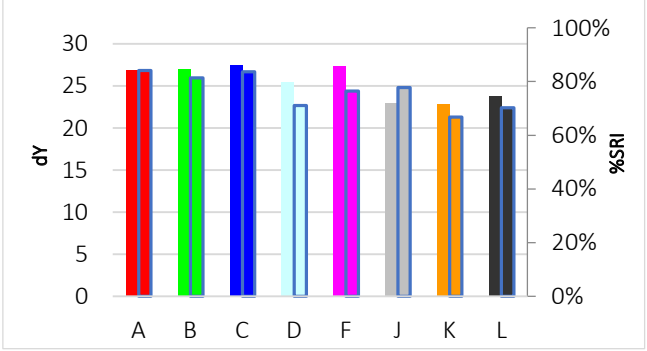


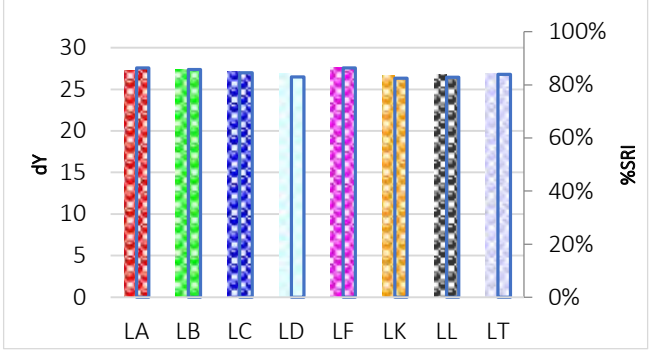


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
This circular stain book has been compiled with the greatest possible care, but no rights can de derived from its contents.

C-H133

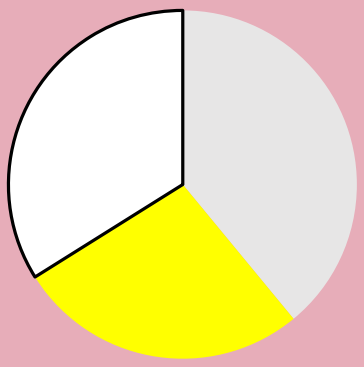
Coffee, black

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★☆☆

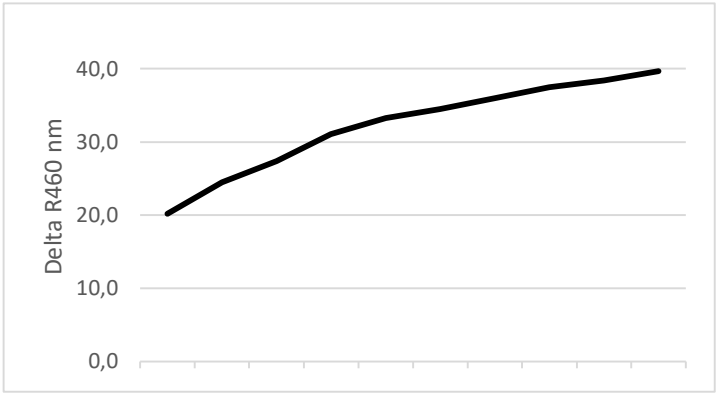
Order Code:	Substrate:	Yu:
C-H133	Woven Cotton (CN-11 w3x)	90,9
KC-H133	Knitted Cotton (CN-42w3x)	94,5

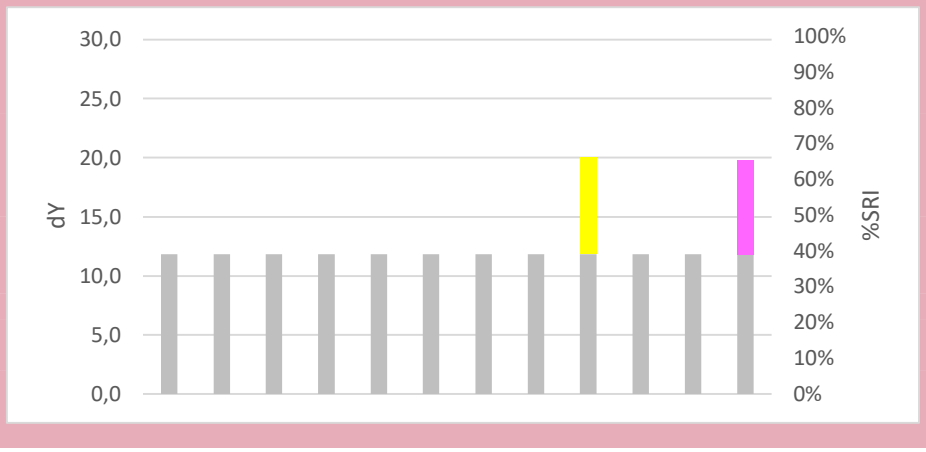
Order Code:	Substrate:	Yu:
PC-H133	Polyester/Cotton (PCN-01w3x)	87,9
P-H133	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

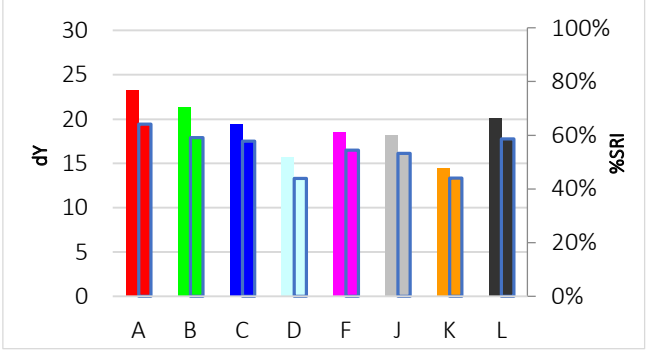


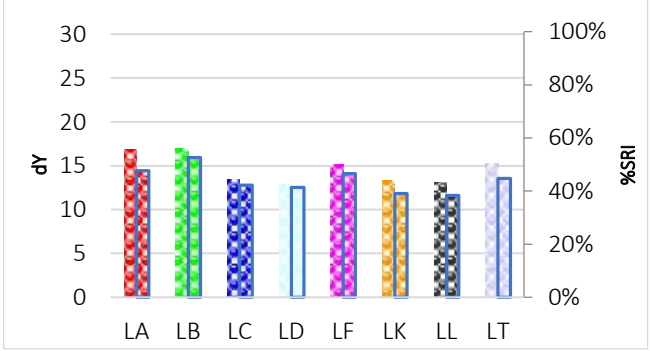


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H134

Hamburger grease

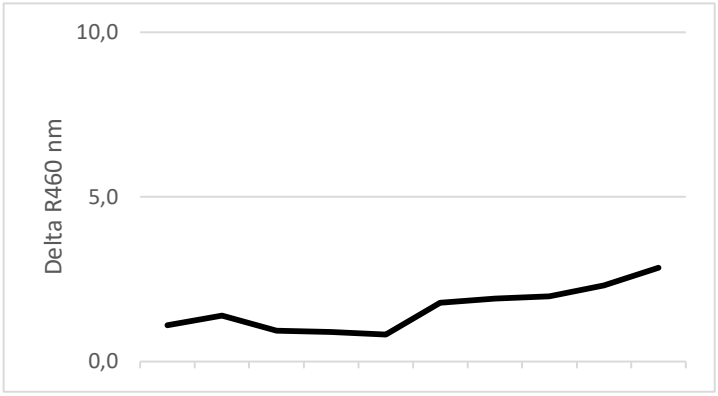
Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★★☆☆

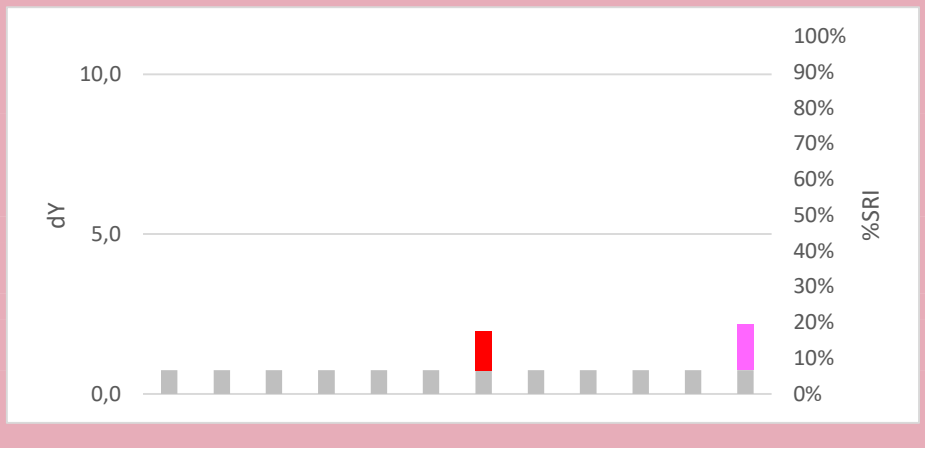
Order Code:	Substrate:	Yu:
C-H134	Woven Cotton (CN-11 w3x)	90,9
KC-H134	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H134	Polyester/Cotton (PCN-01w3x)	87,9
P-H134	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

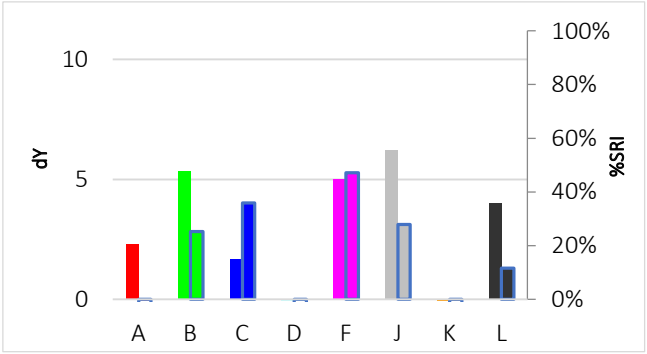


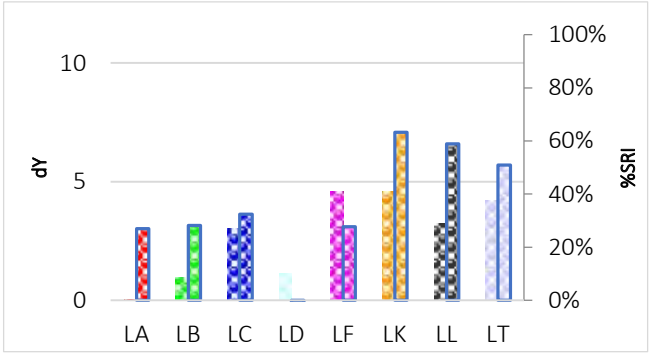


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H135

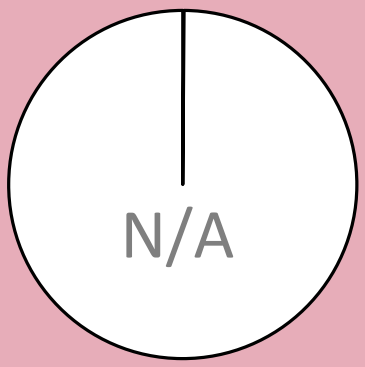
Mechanical grease

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

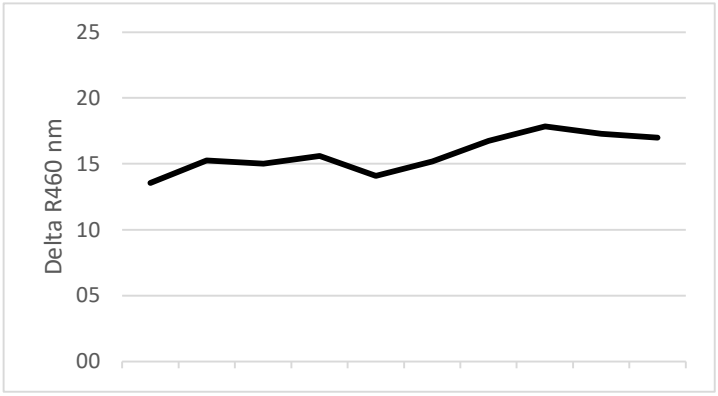
Order Code:	Substrate:	Yu:
C-H135	Woven Cotton (CN-11 w3x)	90,9
KC-H135	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H135	Polyester/Cotton (PCN-01w3x)	87,9
P-H135	Polyester (PN-01 w3x)	86,5

Detergent Component Response



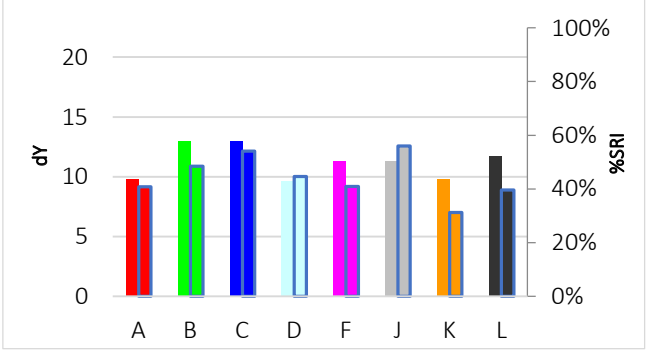
Detergent Dosage/Response & QC

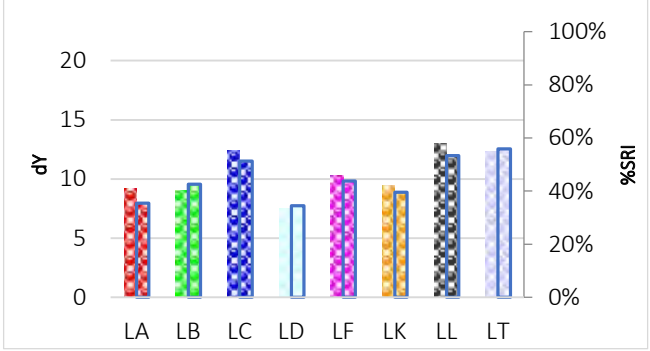


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H136

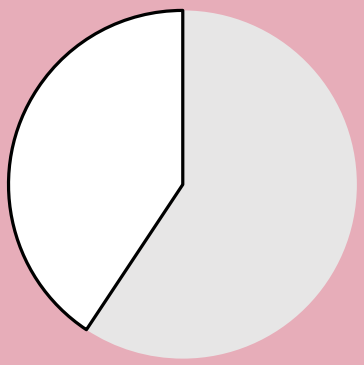
Red pepper

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

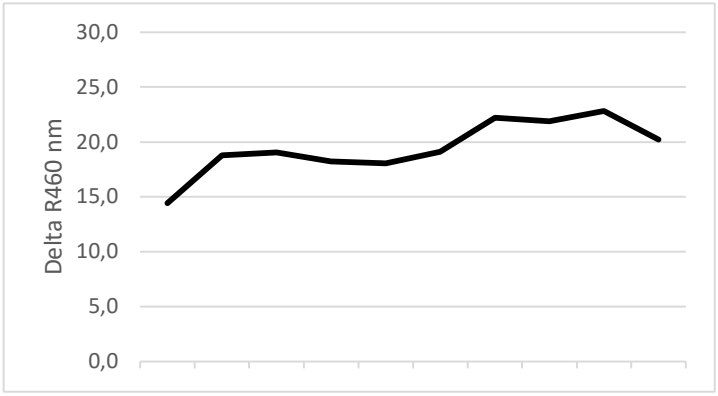
Order Code:	Substrate:	Yu:
C-H136	Woven Cotton (CN-11 w3x)	90,9
KC-H136	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H136	Polyester/Cotton (PCN-01w3x)	87,9
P-H136	Polyester (PN-01 w3x)	86,5

Detergent Component Response



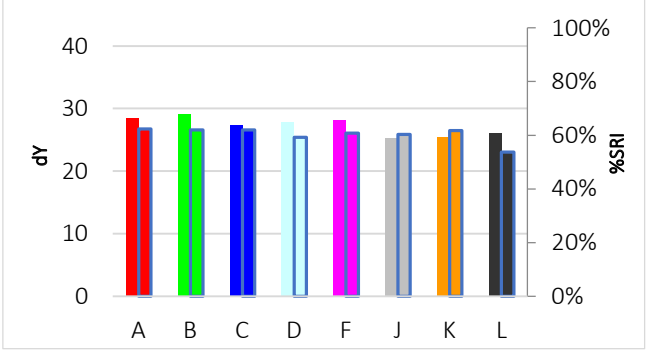
Detergent Dosage/Response & QC

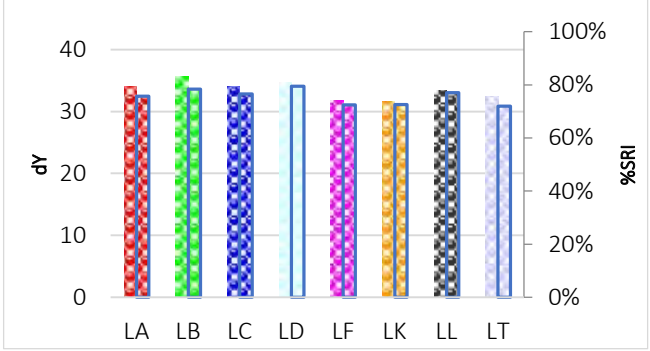


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H137

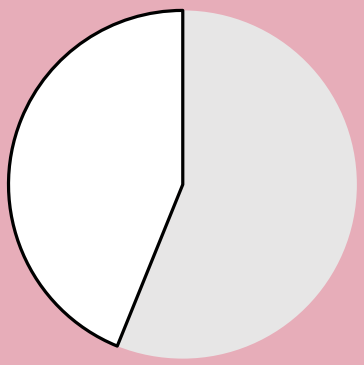
Spaghetti sauce with sunflower oil

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

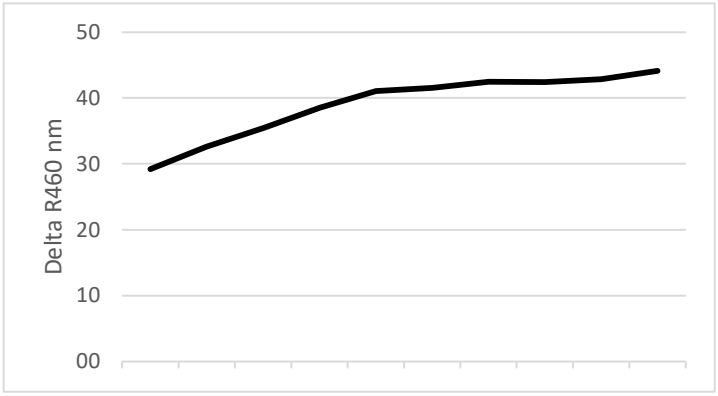
Order Code:	Substrate:	Yu:
C-H137	Woven Cotton (CN-11 w3x)	90,9
KC-H137	Knitted Cotton (CN-42w3x)	94,5

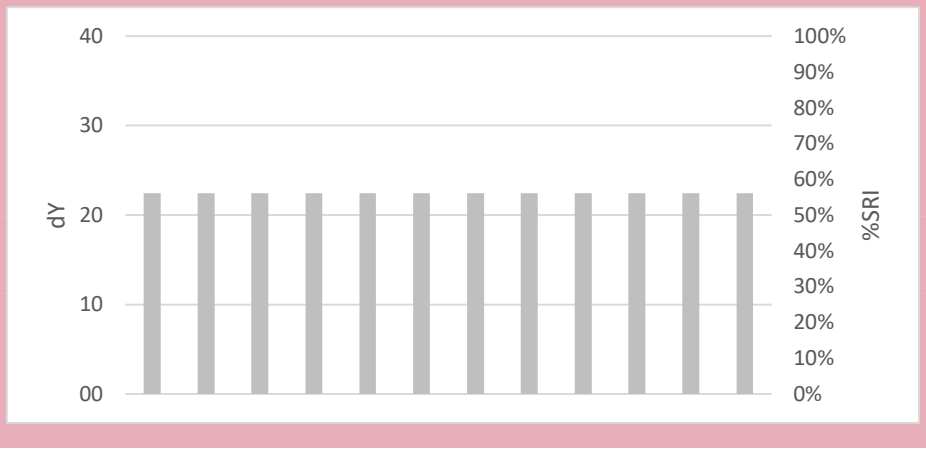
Order Code:	Substrate:	Yu:
PC-H137	Polyester/Cotton (PCN-01w3x)	87,9
P-H137	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

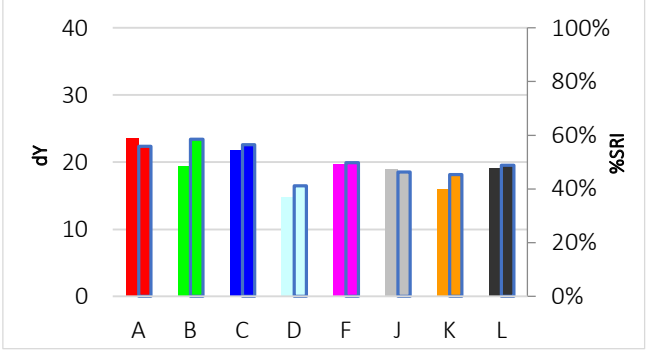


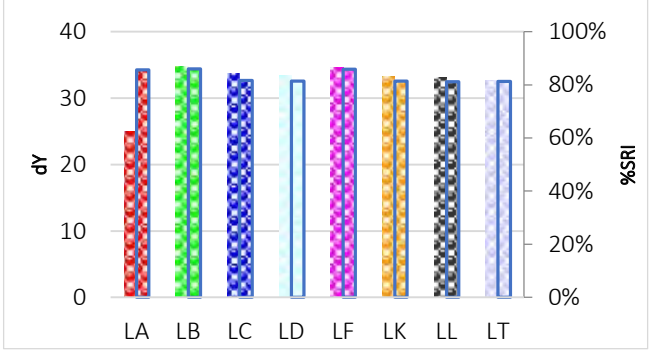


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H139

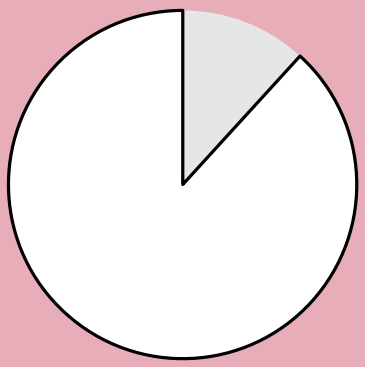
Yoghurt

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

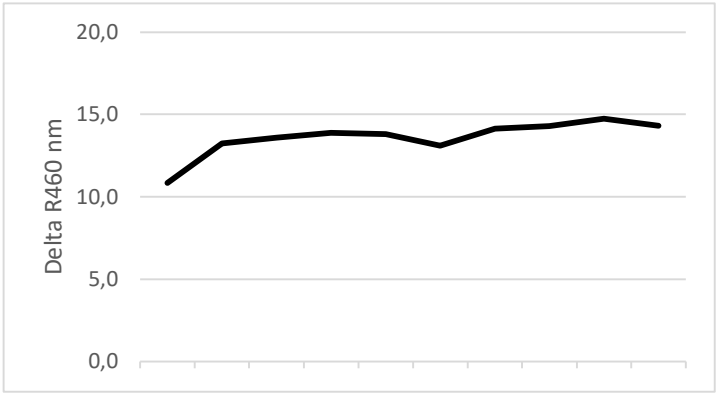
Order Code:	Substrate:	Yu:
C-H139	Woven Cotton (CN-11 w3x)	90,9
KC-H139	Knitted Cotton (CN-42w3x)	94,5

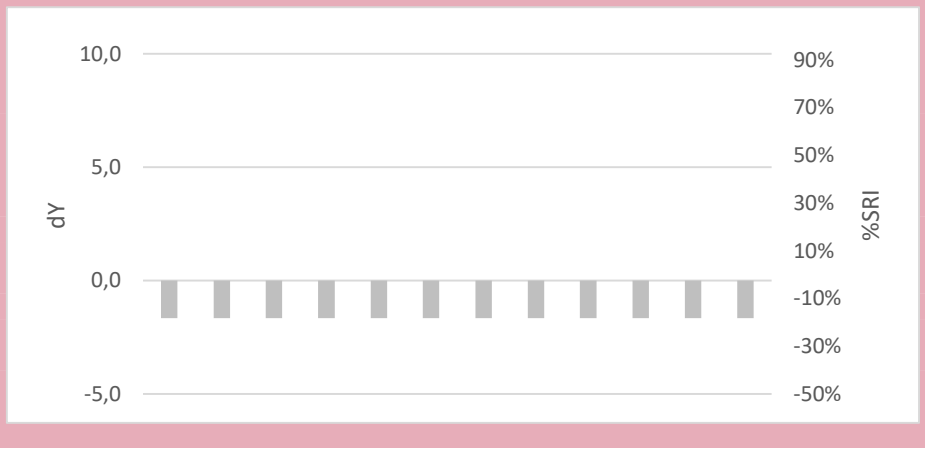
Order Code:	Substrate:	Yu:
PC-H139	Polyester/Cotton (PCN-01w3x)	87,9
P-H139	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

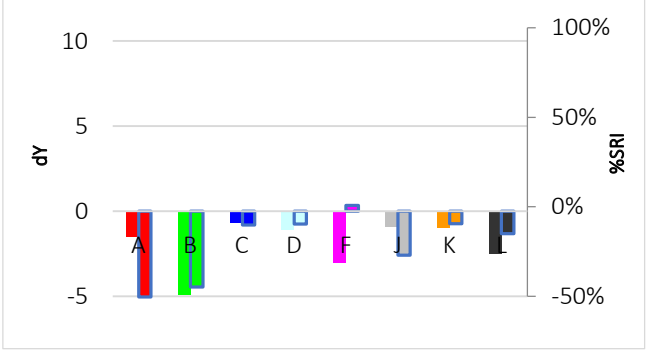


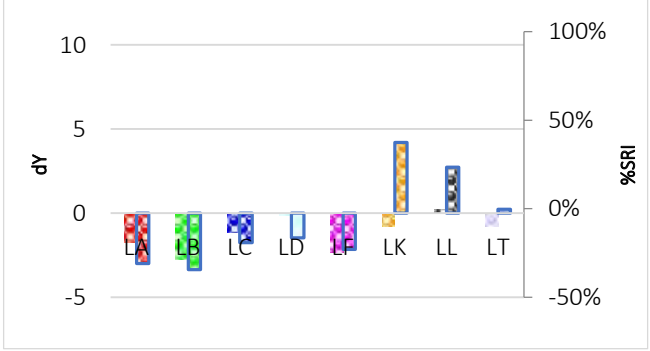


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
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C-H140

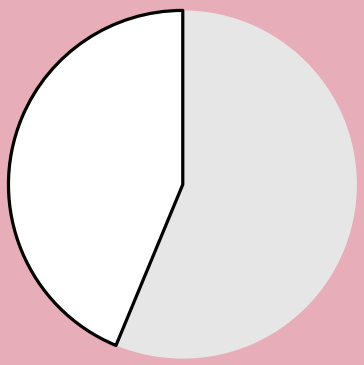
Tomato, fresh

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

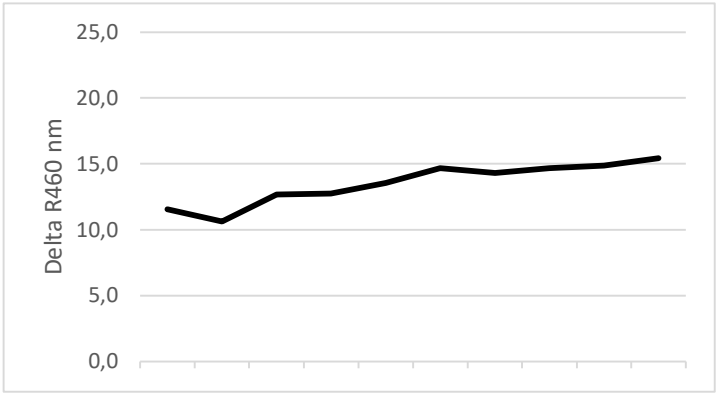
Order Code:	Substrate:	Yu:
C-H140	Woven Cotton (CN-11 w3x)	90,9
KC-H140	Knitted Cotton (CN-42w3x)	94,5

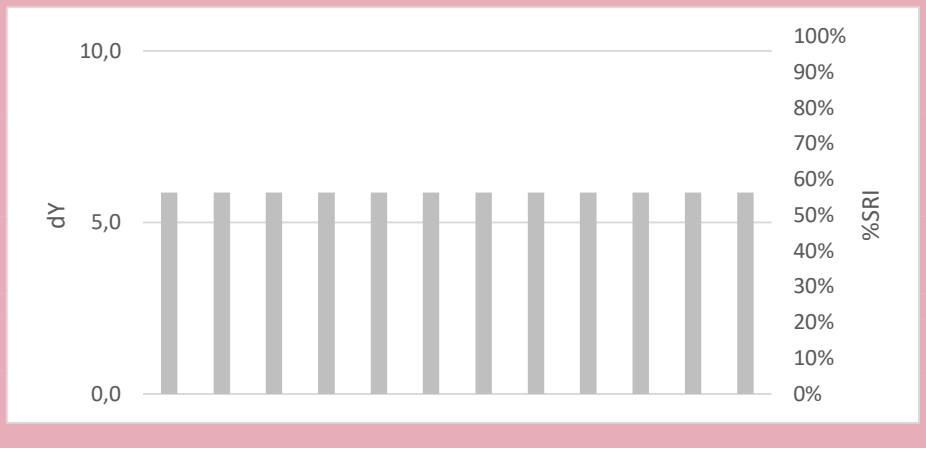
Order Code:	Substrate:	Yu:
PC-H140	Polyester/Cotton (PCN-01w3x)	87,9
P-H140	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

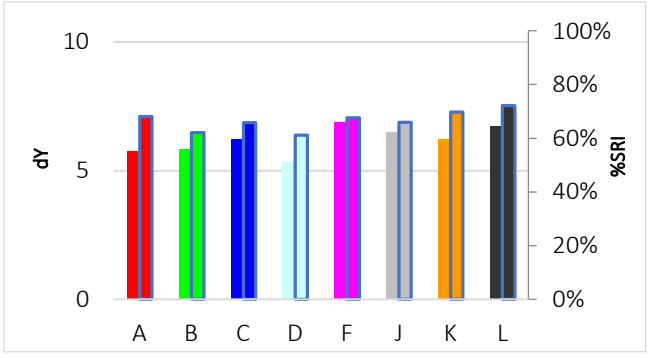


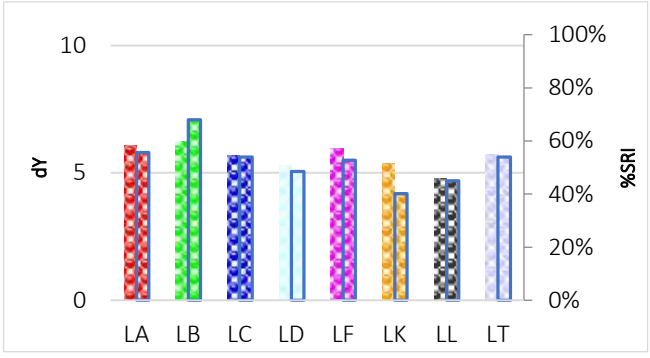


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H141

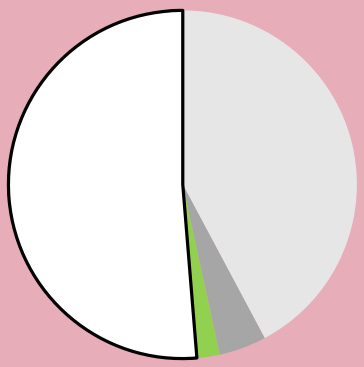
Pectin without sugar

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★☆☆
Popularity: ★★★★★

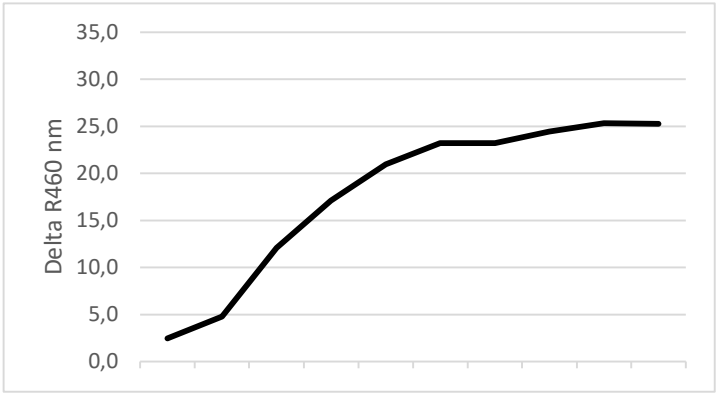
Order Code:	Substrate:	Yu:
C-H141	Woven Cotton (CN-11 w3x)	90,9
KC-H141	Knitted Cotton (CN-42w3x)	94,5

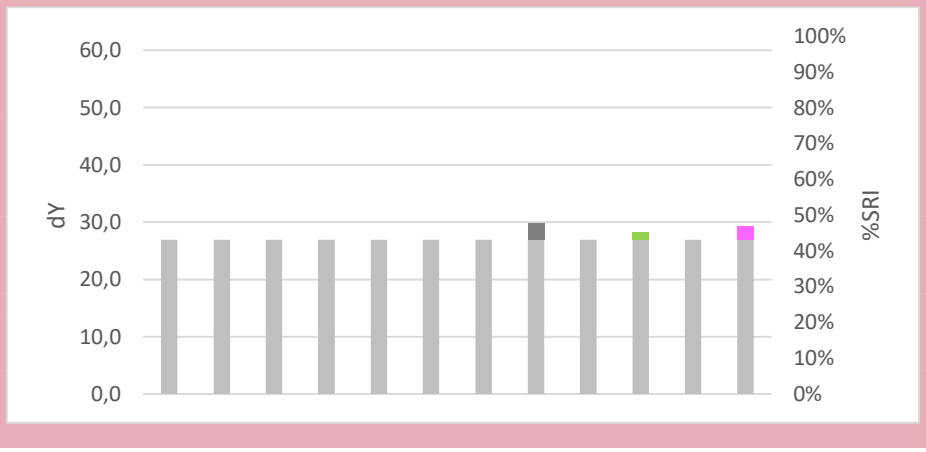
Order Code:	Substrate:	Yu:
PC-H141	Polyester/Cotton (PCN-01w3x)	87,9
P-H141	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

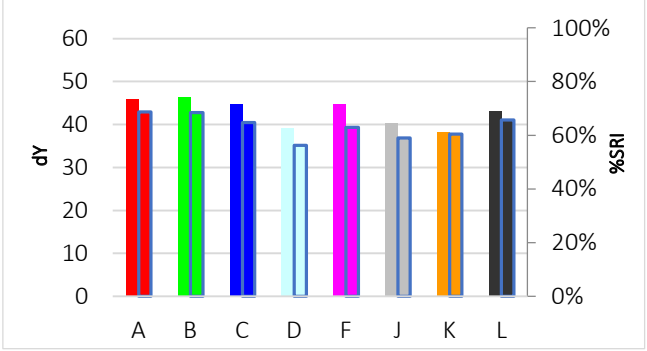


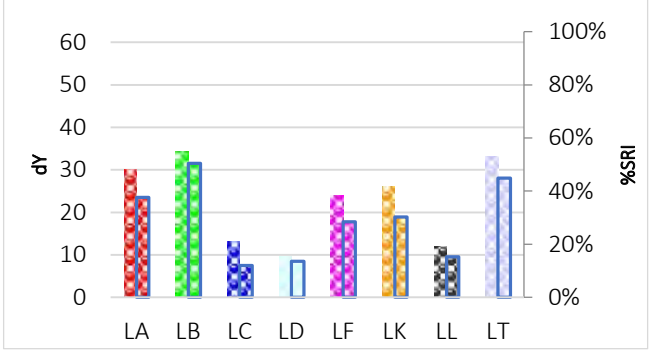


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H142

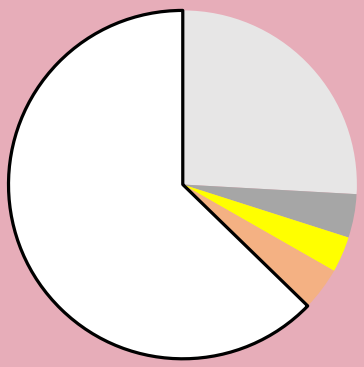
Orange peel with carbon black

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★☆☆☆☆
Reliability Ratio: ★★★☆☆
Popularity: ★☆☆☆☆

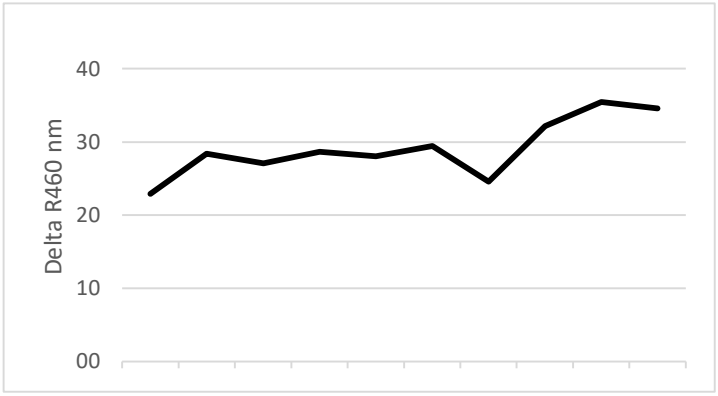
Order Code:	Substrate:	Yu:
C-H142	Woven Cotton (CN-11 w3x)	90,9
KC-H142	Knitted Cotton (CN-42w3x)	94,5

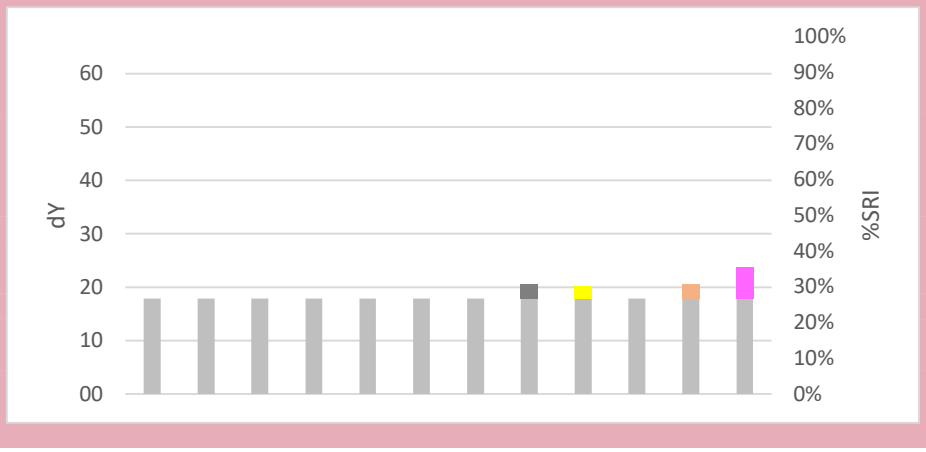
Order Code:	Substrate:	Yu:
PC-H142	Polyester/Cotton (PCN-01w3x)	87,9
P-H142	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

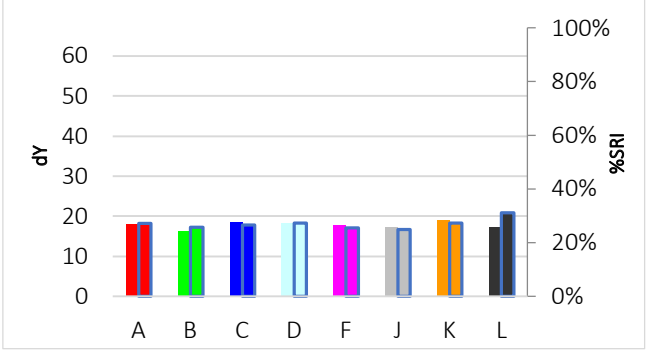


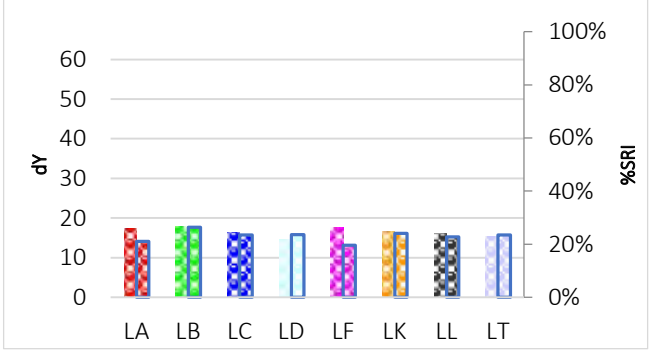


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H143

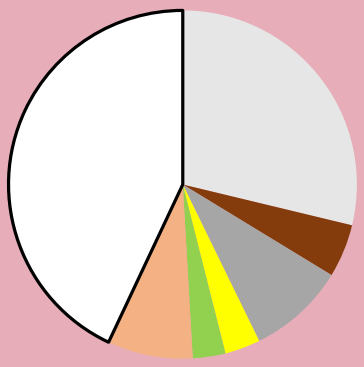
Grapefruit peel with carbon black

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★☆☆☆
Reliability Ratio: ★★★☆☆
Popularity: ★★☆☆☆

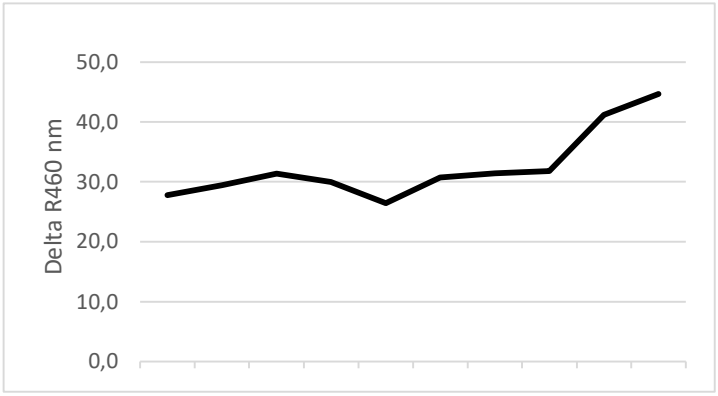
Order Code:	Substrate:	Yu:
C-H143	Woven Cotton (CN-11 w3x)	90,9
KC-H143	Knitted Cotton (CN-42w3x)	94,5

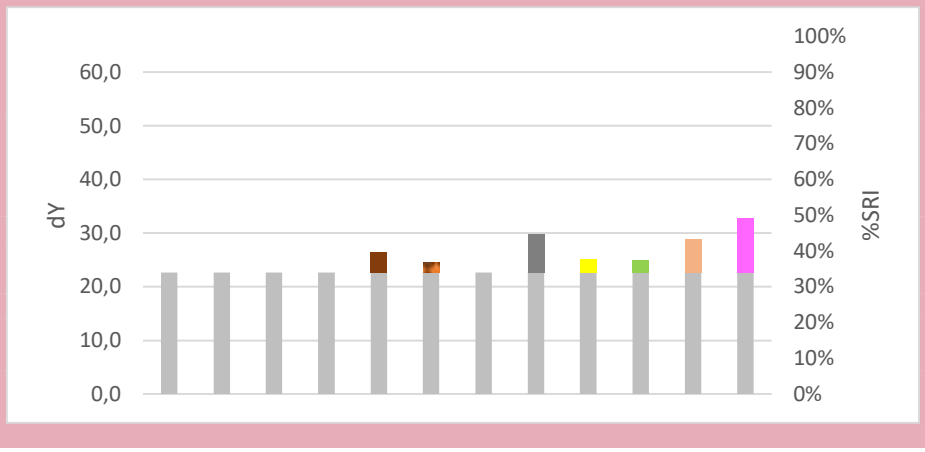
Order Code:	Substrate:	Yu:
PC-H143	Polyester/Cotton (PCN-01w3x)	87,9
P-H143	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

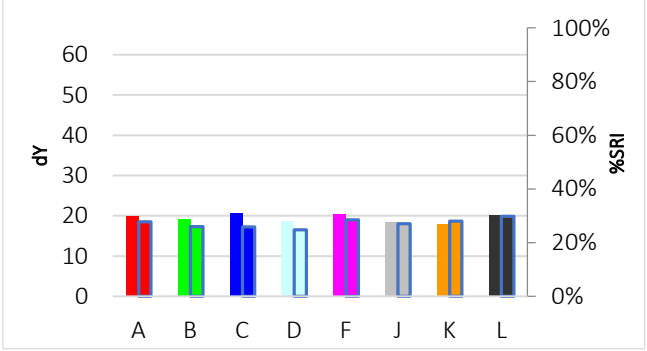


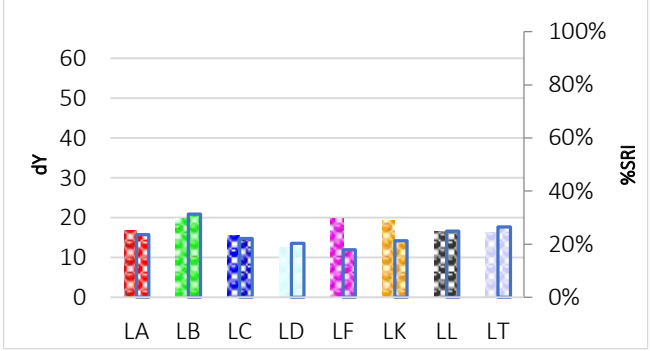


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H144

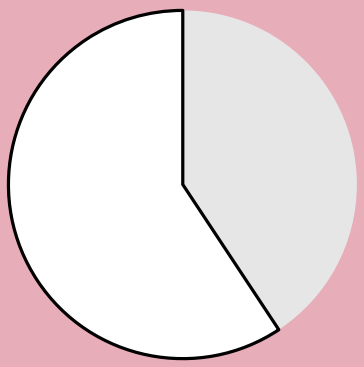
Red pottery clay

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

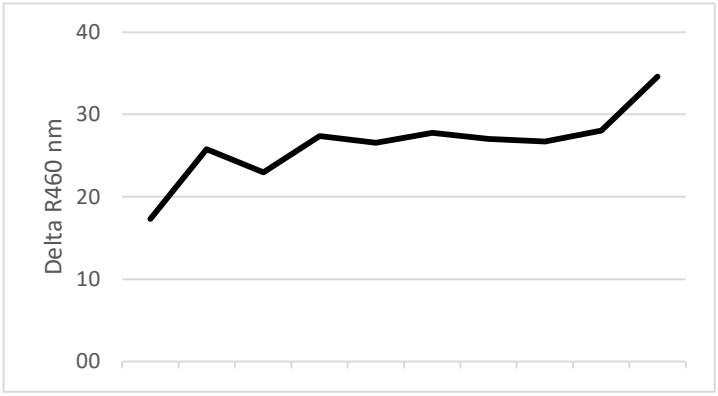
Order Code:	Substrate:	Yu:
C-H144	Woven Cotton (CN-11 w3x)	90,9
KC-H144	Knitted Cotton (CN-42w3x)	94,5

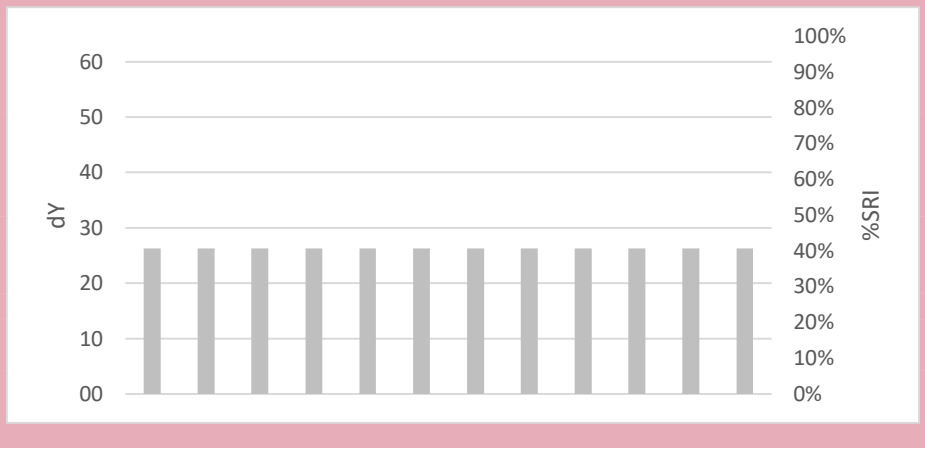
Order Code:	Substrate:	Yu:
PC-H144	Polyester/Cotton (PCN-01w3x)	87,9
P-H144	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

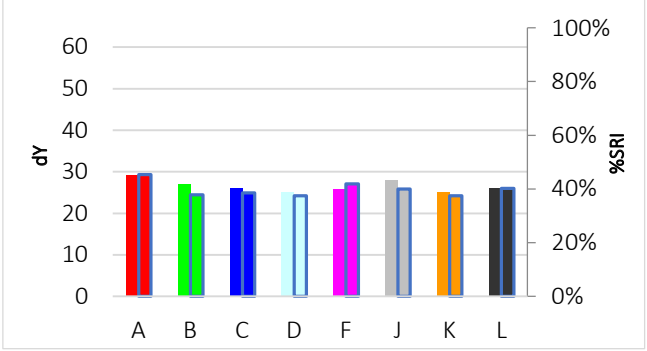


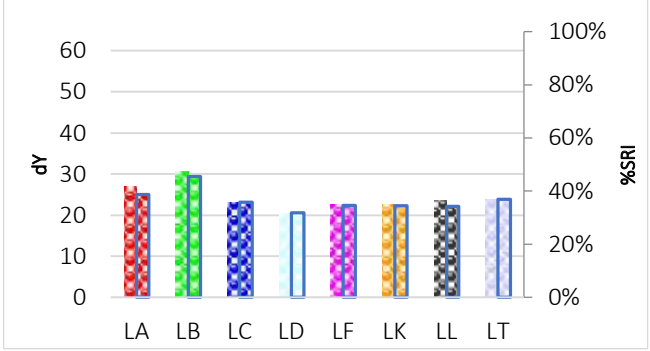


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H145

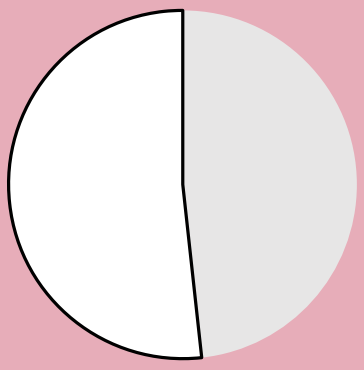
Tennis court clay

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

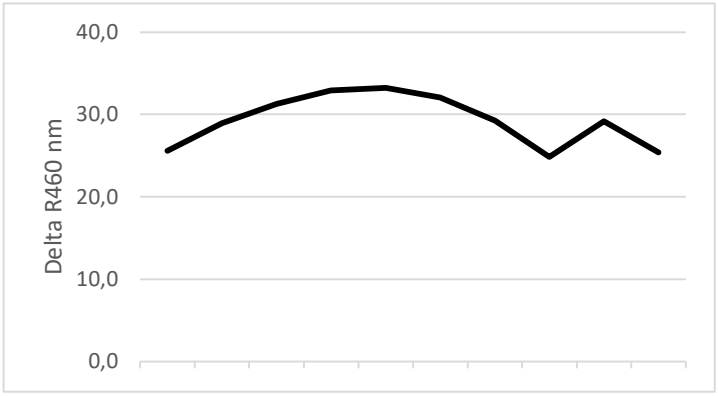
Order Code:	Substrate:	Yu:
C-H145	Woven Cotton (CN-11 w3x)	90,9
KC-H145	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H145	Polyester/Cotton (PCN-01w3x)	87,9
P-H145	Polyester (PN-01 w3x)	86,5

Detergent Component Response



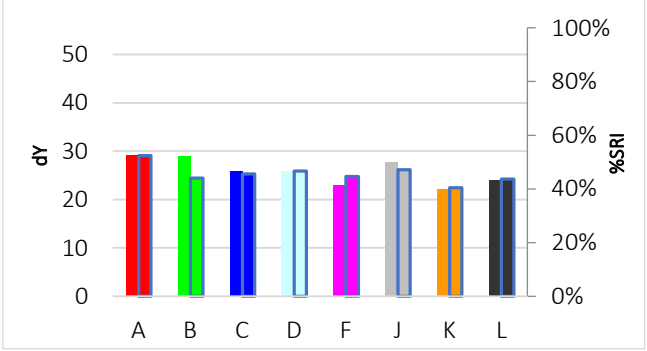
Detergent Dosage/Response & QC

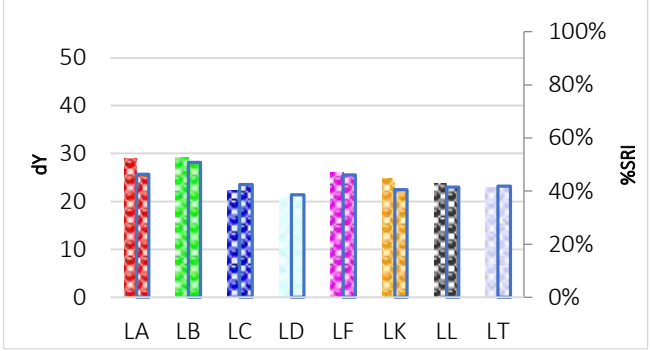


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H146

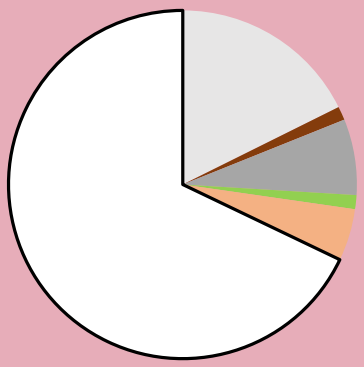
Navel orange peel with carbon black

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★☆☆☆
Reliability Ratio: ★★★☆☆
Popularity: ★★☆☆☆

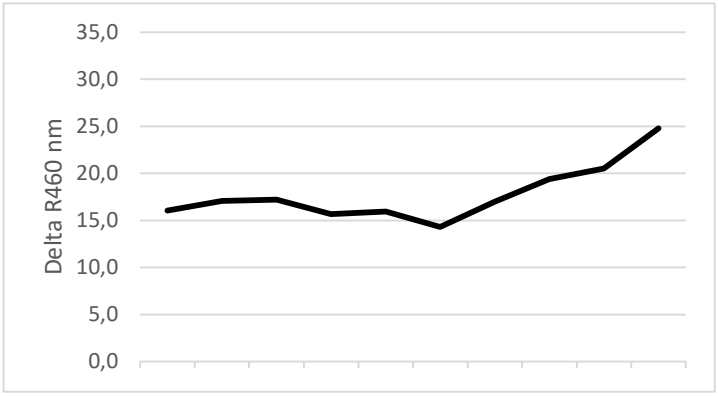
Order Code:	Substrate:	Yu:
C-H146	Woven Cotton (CN-11 w3x)	90,9
KC-H146	Knitted Cotton (CN-42w3x)	94,5

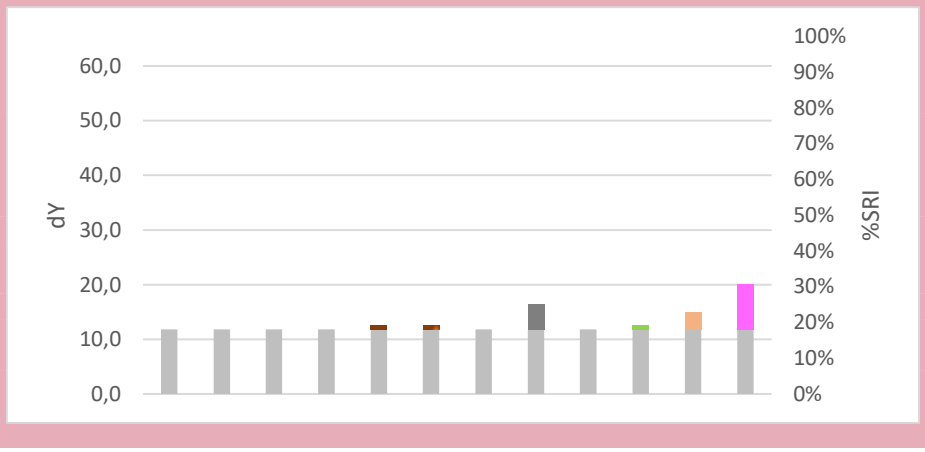
Order Code:	Substrate:	Yu:
PC-H146	Polyester/Cotton (PCN-01w3x)	87,9
P-H146	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

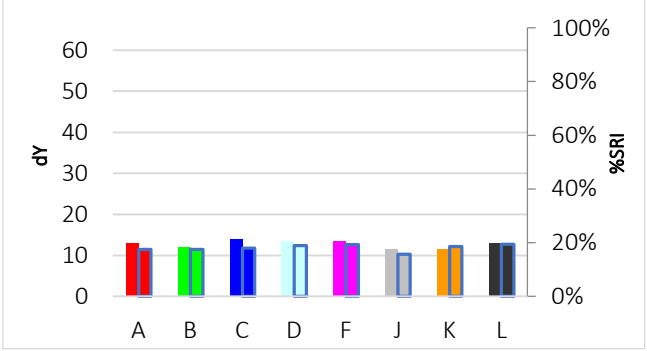


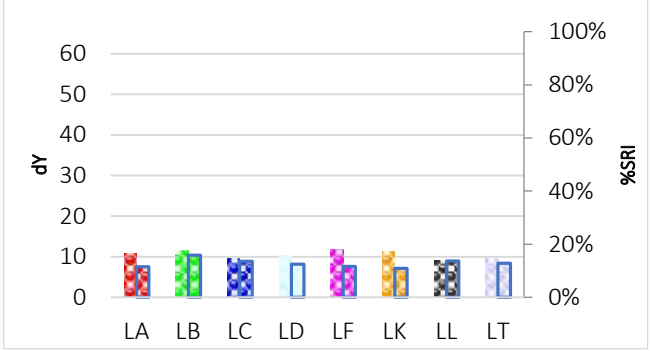


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H147

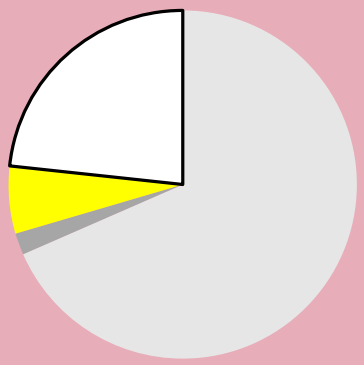
Jam, forest fruit

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

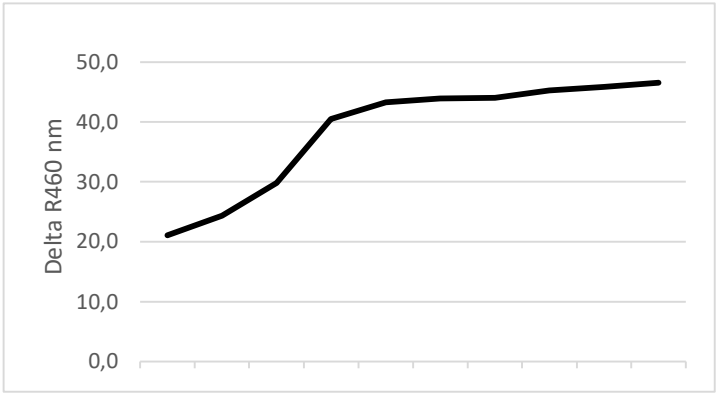
Order Code:	Substrate:	Yu:
C-H147	Woven Cotton (CN-11 w3x)	90,9
KC-H147	Knitted Cotton (CN-42w3x)	94,5

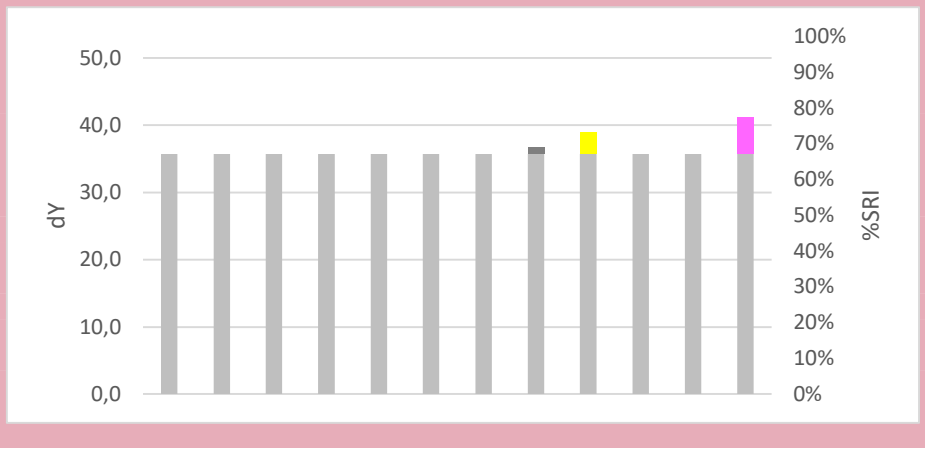
Order Code:	Substrate:	Yu:
PC-H147	Polyester/Cotton (PCN-01w3x)	87,9
P-H147	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

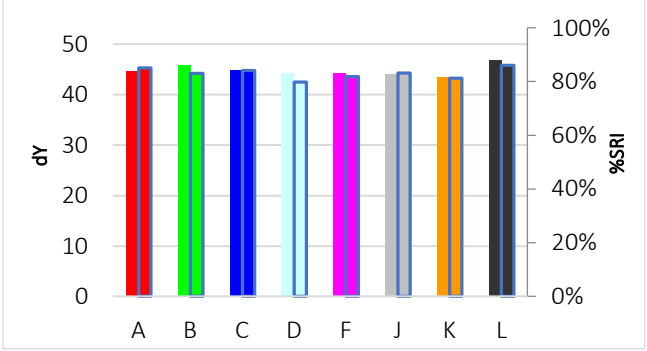


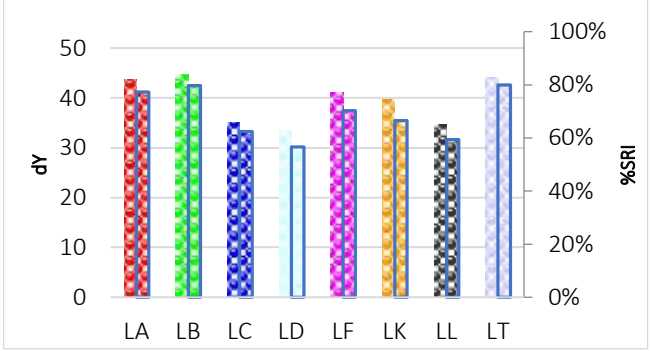


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H148

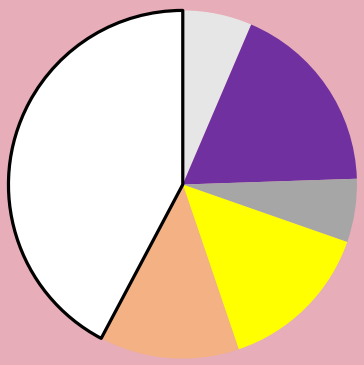
Banana, fresh

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

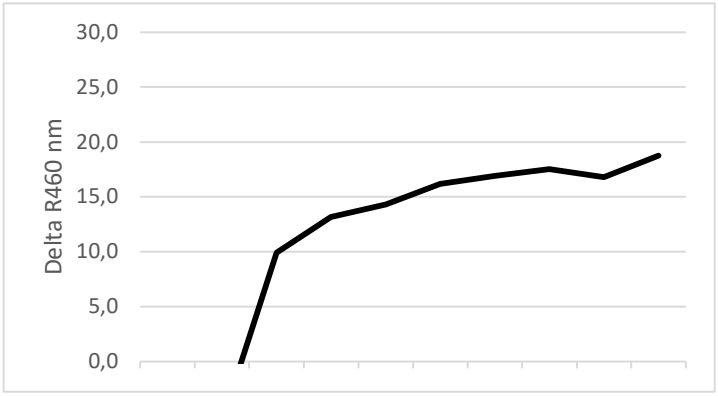
Order Code:	Substrate:	Yu:
C-H148	Woven Cotton (CN-11 w3x)	90,9
KC-H148	Knitted Cotton (CN-42w3x)	94,5

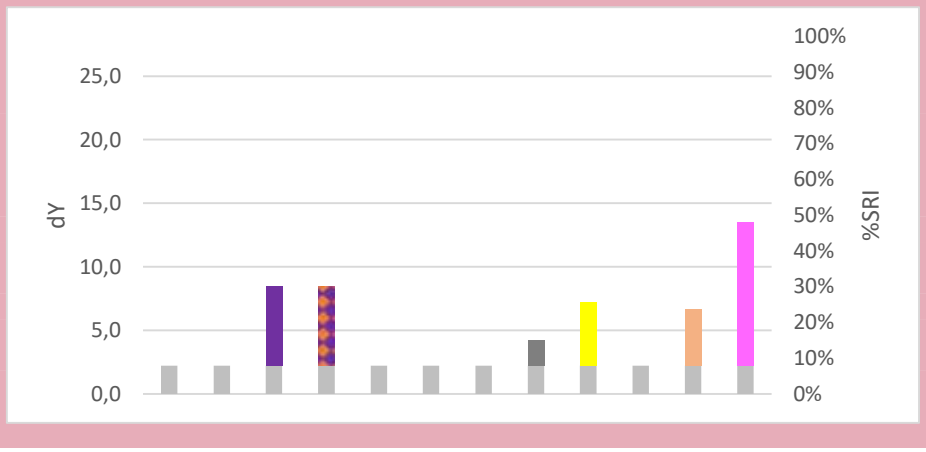
Order Code:	Substrate:	Yu:
PC-H148	Polyester/Cotton (PCN-01w3x)	87,9
P-H148	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

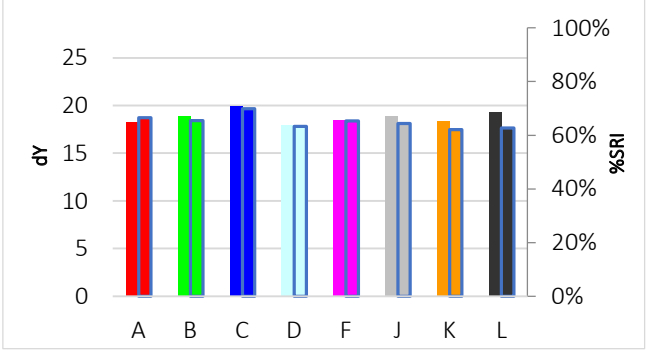


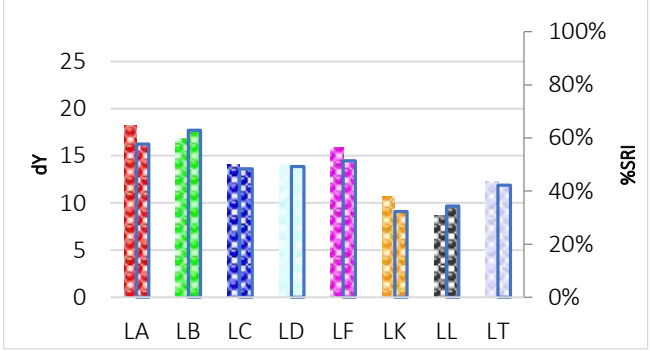


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H149

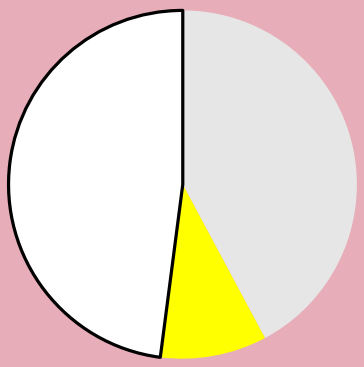
Mandarin, fresh

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

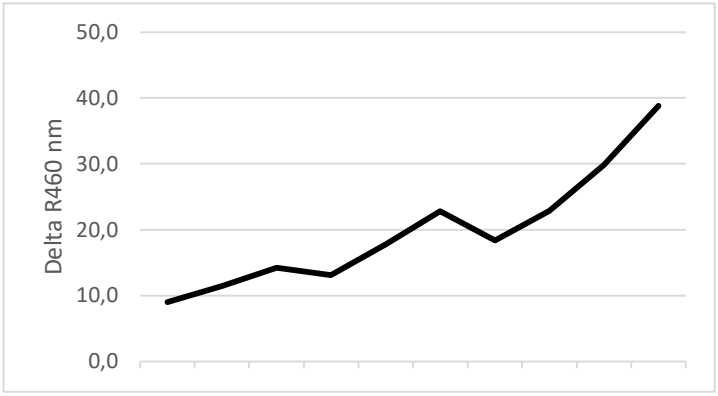
Order Code:	Substrate:	Yu:
C-H149	Woven Cotton (CN-11 w3x)	90,9
KC-H149	Knitted Cotton (CN-42w3x)	94,5

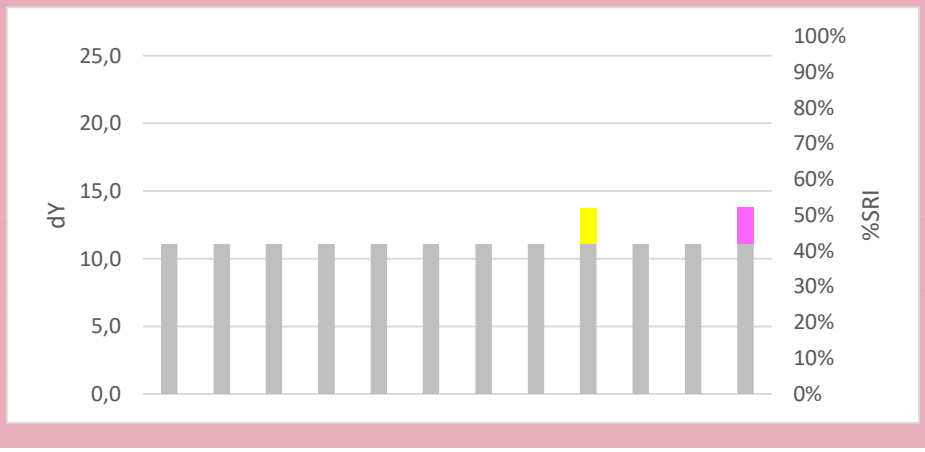
Order Code:	Substrate:	Yu:
PC-H149	Polyester/Cotton (PCN-01w3x)	87,9
P-H149	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

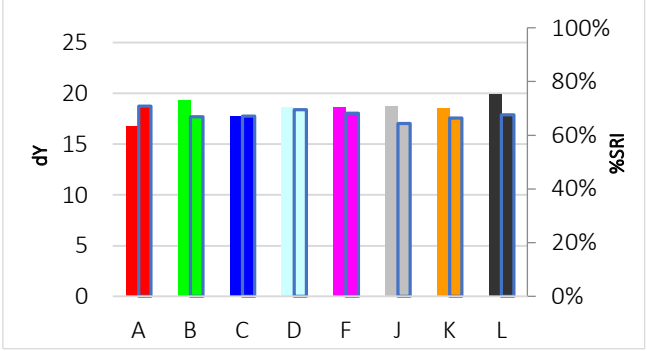


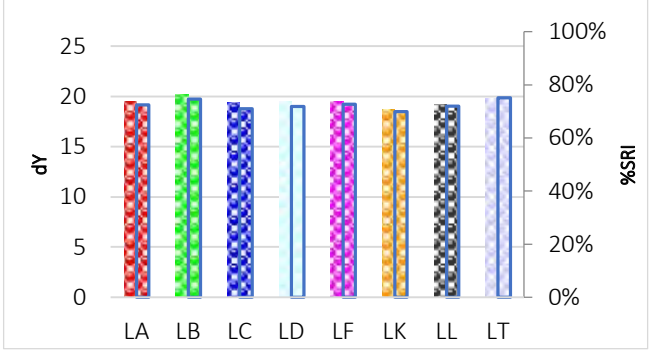


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H150

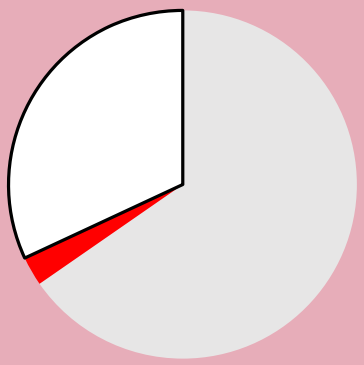
Soya oil, coloured with violet dye

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★☆☆
Popularity: ★☆☆☆☆

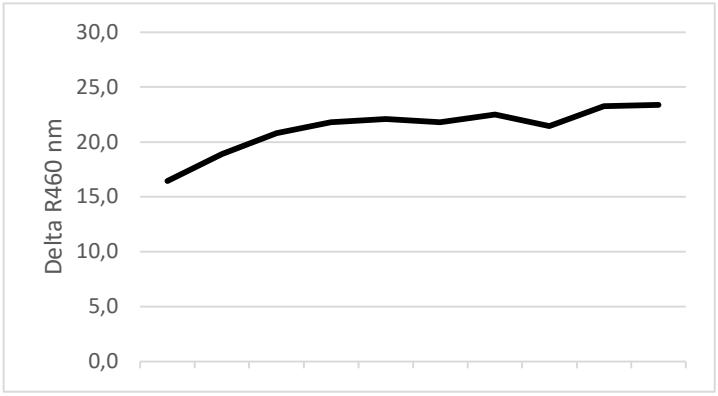
Order Code:	Substrate:	Yu:
C-H150	Woven Cotton (CN-11 w3x)	90,9
KC-H150	Knitted Cotton (CN-42w3x)	94,5

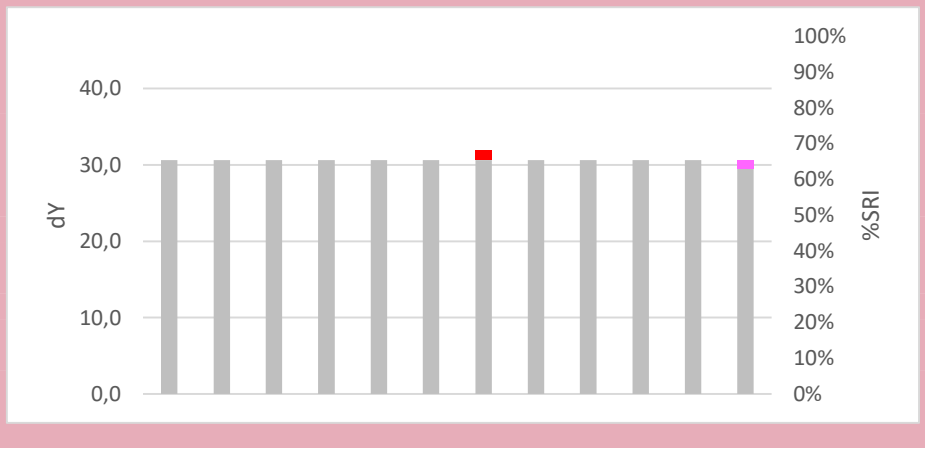
Order Code:	Substrate:	Yu:
PC-H150	Polyester/Cotton (PCN-01w3x)	87,9
P-H150	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

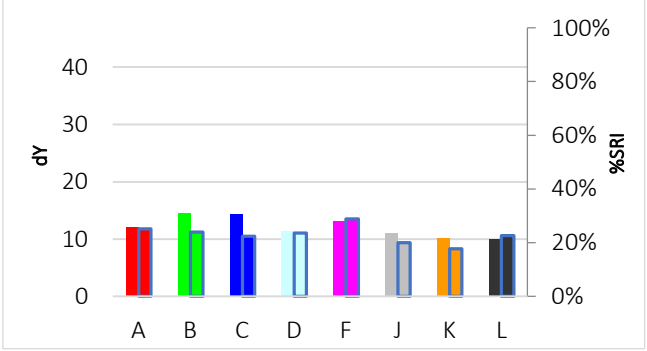


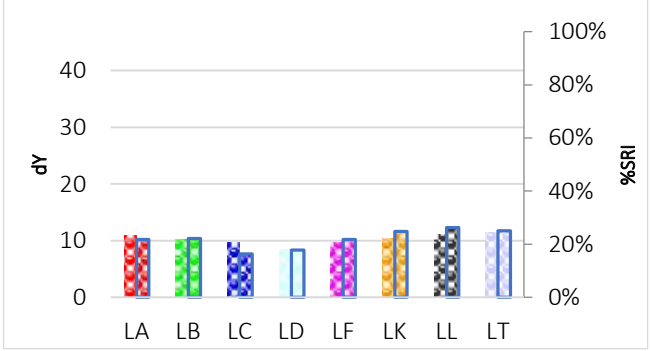


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H151

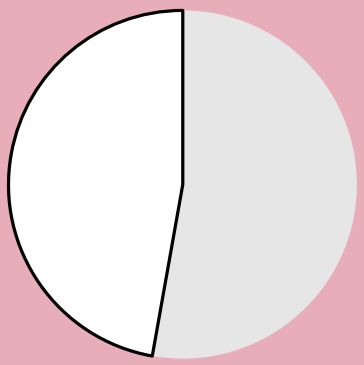
Lecithin

Discriminative Power: ★★★★★
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

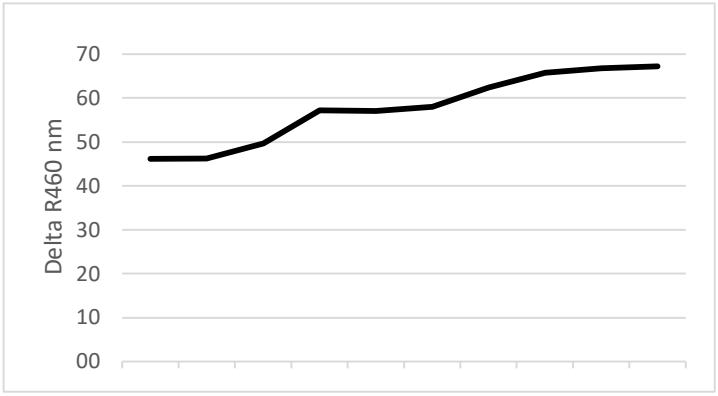
Order Code:	Substrate:	Yu:
C-H151	Woven Cotton (CN-11 w3x)	90,9
KC-H151	Knitted Cotton (CN-42w3x)	94,5

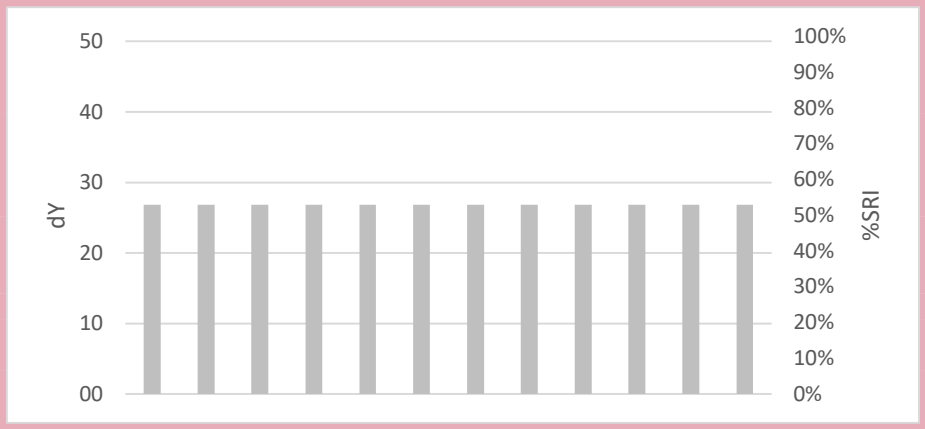
Order Code:	Substrate:	Yu:
PC-H151	Polyester/Cotton (PCN-01w3x)	87,9
P-H151	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

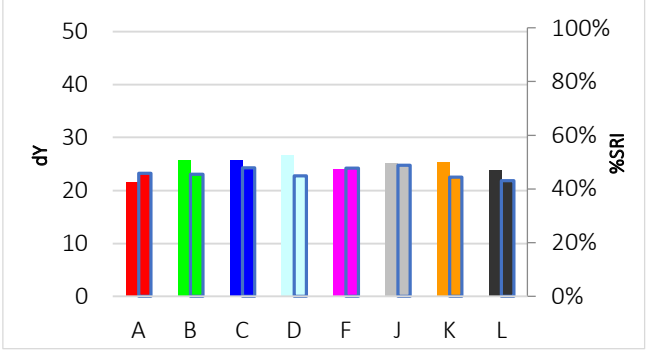


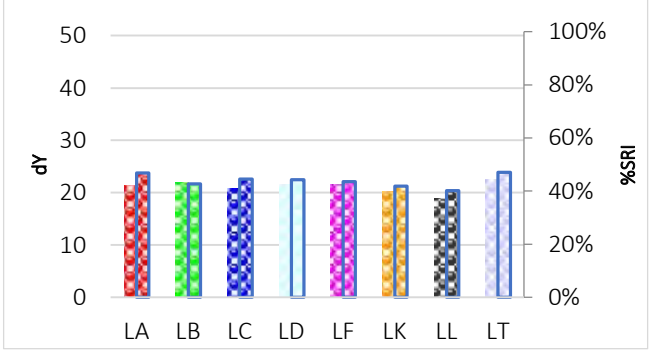


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H152

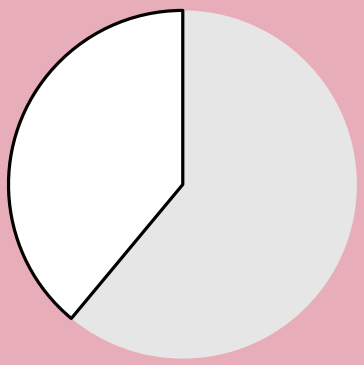
Collar stain

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

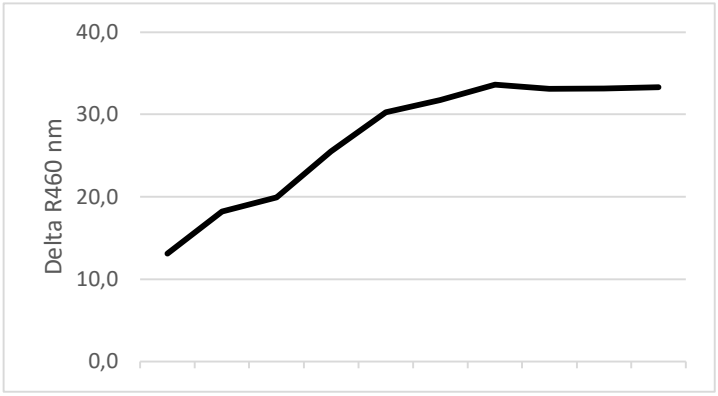
Order Code:	Substrate:	Yu:
C-H152	Woven Cotton (CN-11 w3x)	90,9
KC-H152	Knitted Cotton (CN-42w3x)	94,5

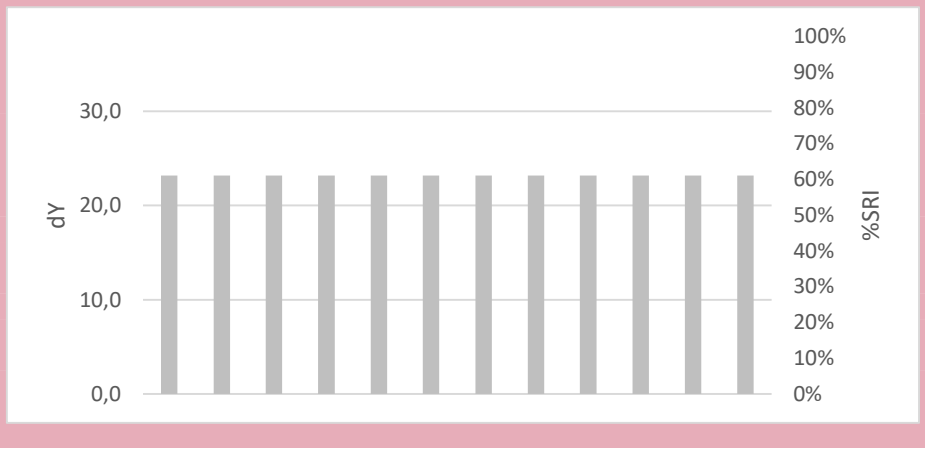
Order Code:	Substrate:	Yu:
PC-H152	Polyester/Cotton (PCN-01w3x)	87,9
P-H152	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

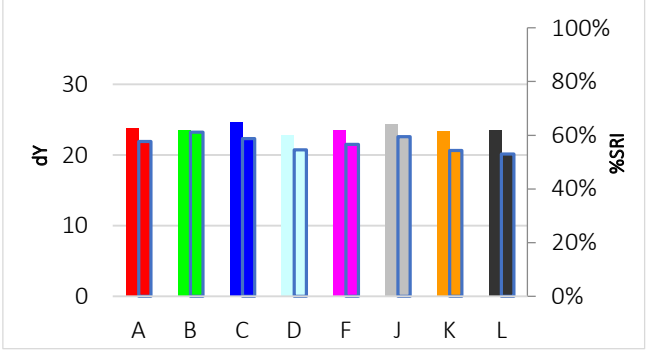


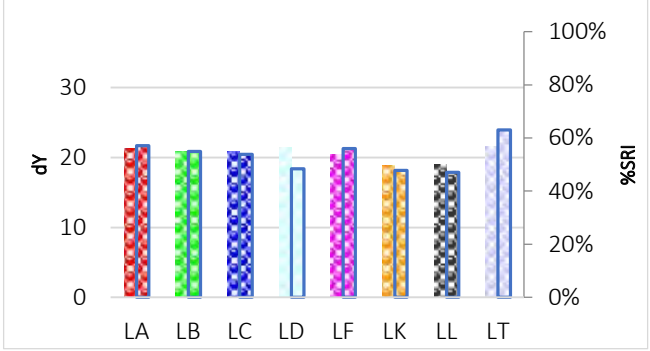


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H153

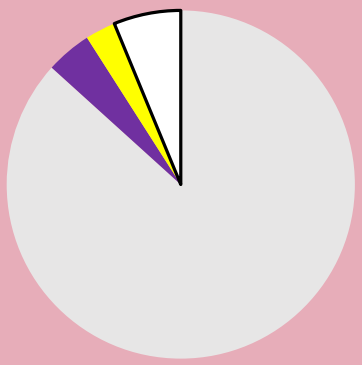
Blood, sheep's, double application

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★☆☆☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

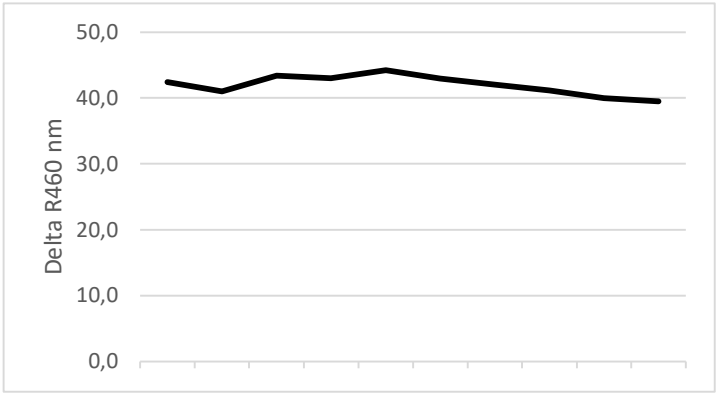
Order Code:	Substrate:	Yu:
C-H153	Woven Cotton (CN-11 w3x)	90,9
KC-H153	Knitted Cotton (CN-42w3x)	94,5

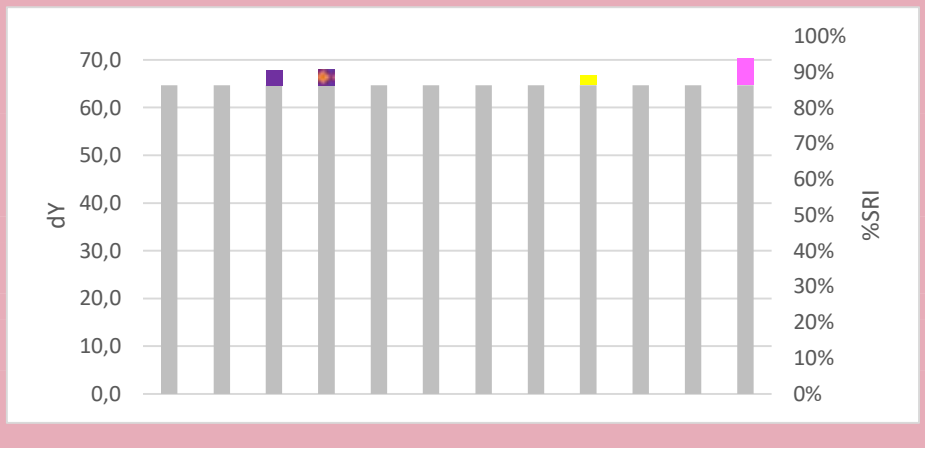
Order Code:	Substrate:	Yu:
PC-H153	Polyester/Cotton (PCN-01w3x)	87,9
P-H153	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

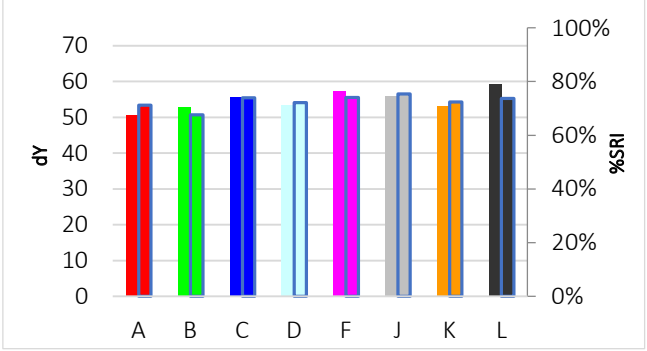


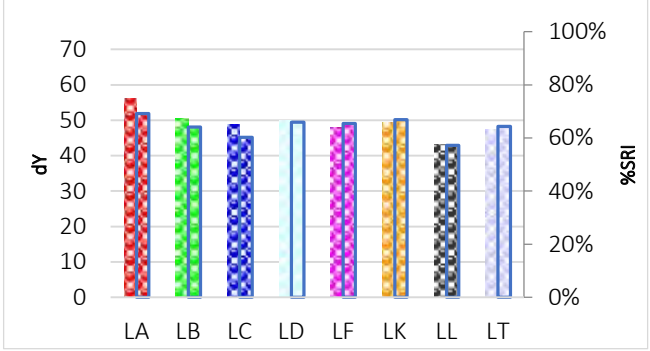


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H154

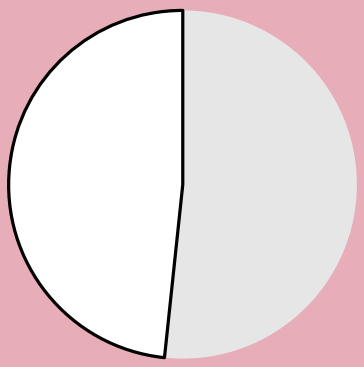
Chinese chili sauce

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★☆☆
Popularity: ★☆☆☆☆

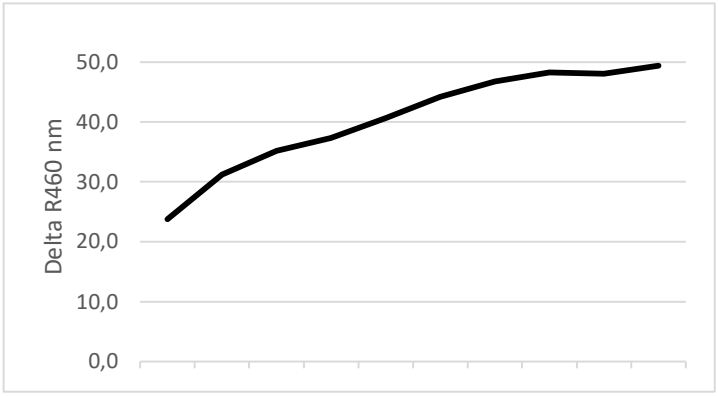
Order Code:	Substrate:	Yu:
C-H154	Woven Cotton (CN-11 w3x)	90,9
KC-H154	Knitted Cotton (CN-42w3x)	94,5

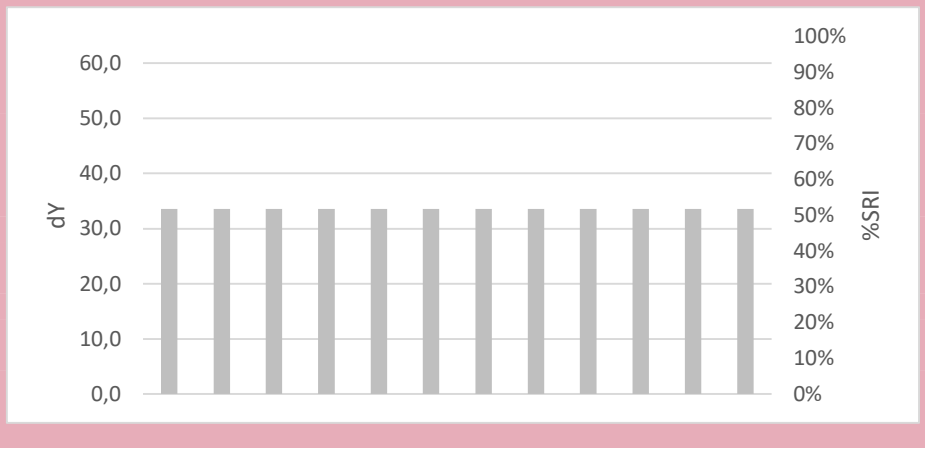
Order Code:	Substrate:	Yu:
PC-H154	Polyester/Cotton (PCN-01w3x)	87,9
P-H154	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

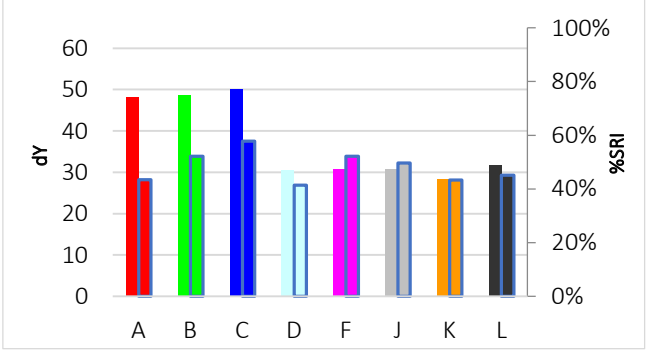


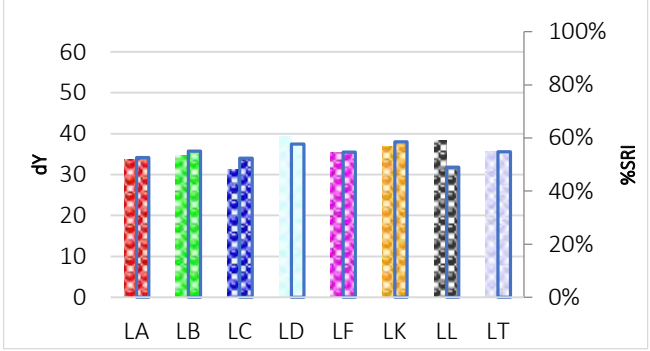


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H155

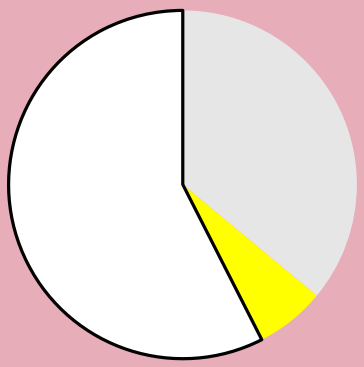
Kiwi, fresh

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

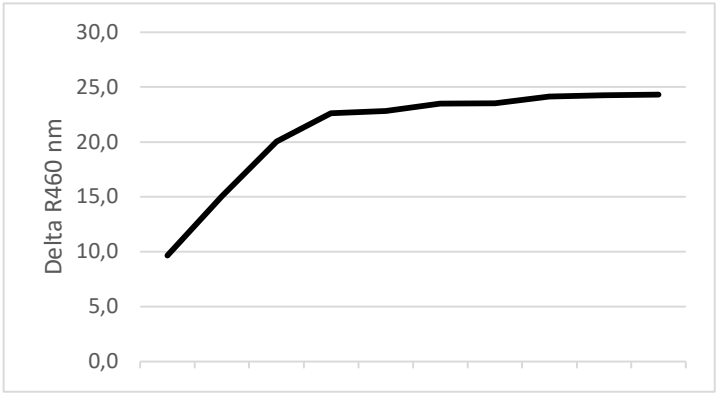
Order Code:	Substrate:	Yu:
C-H155	Woven Cotton (CN-11 w3x)	90,9
KC-H155	Knitted Cotton (CN-42w3x)	94,5

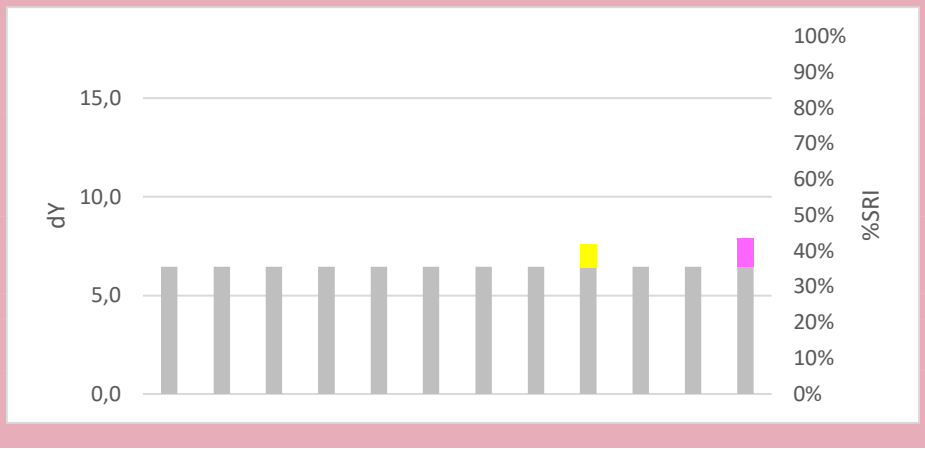
Order Code:	Substrate:	Yu:
PC-H155	Polyester/Cotton (PCN-01w3x)	87,9
P-H155	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

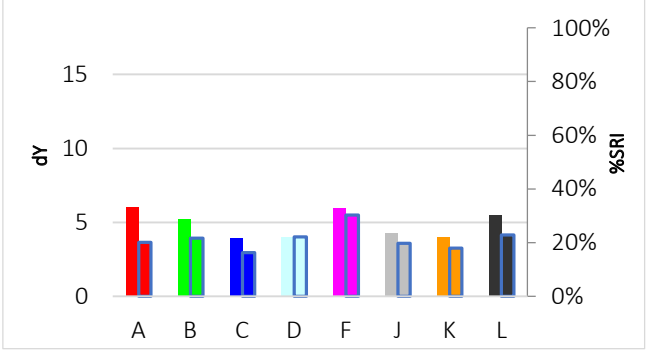


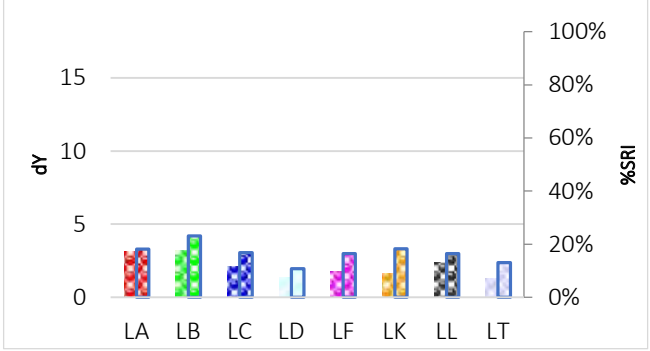


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H156

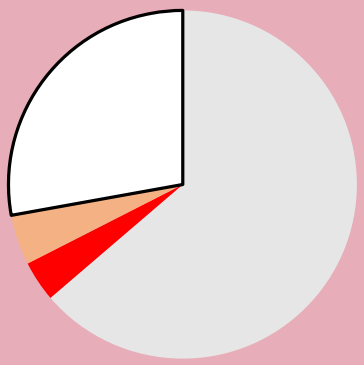
Sebum/dust, based ASTM 4265-98

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

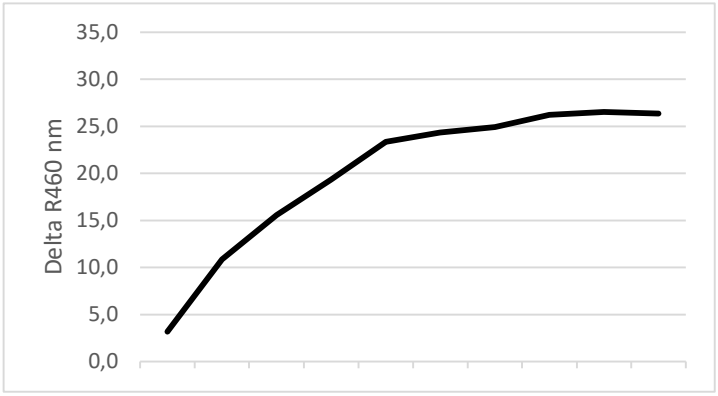
Order Code:	Substrate:	Yu:
C-H156	Woven Cotton (CN-11 w3x)	90,9
KC-H156	Knitted Cotton (CN-42w3x)	94,5

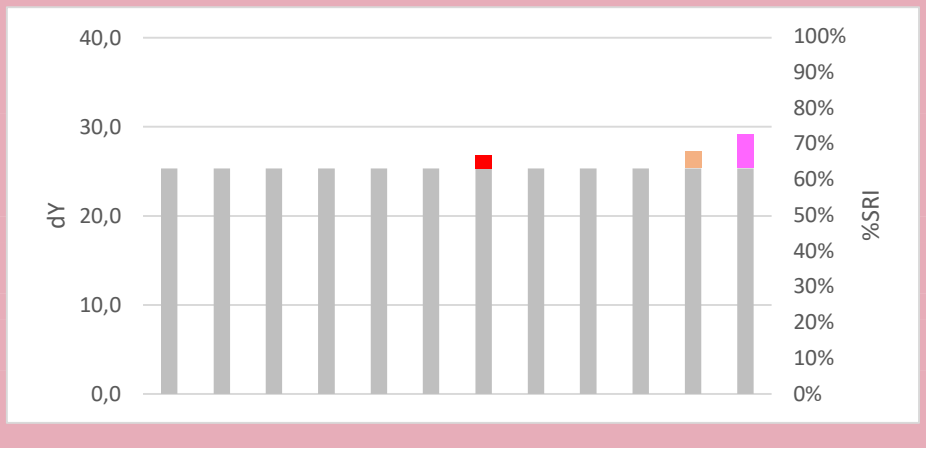
Order Code:	Substrate:	Yu:
PC-H156	Polyester/Cotton (PCN-01w3x)	87,9
P-H156	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

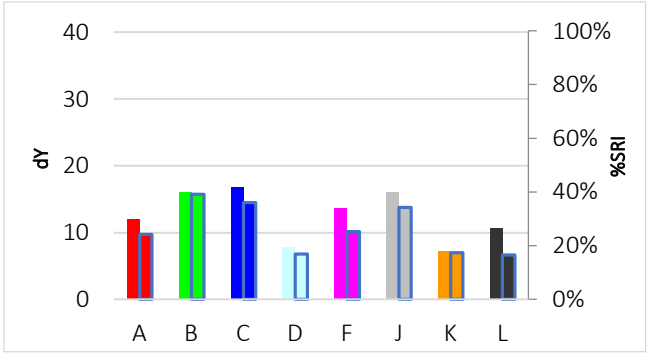


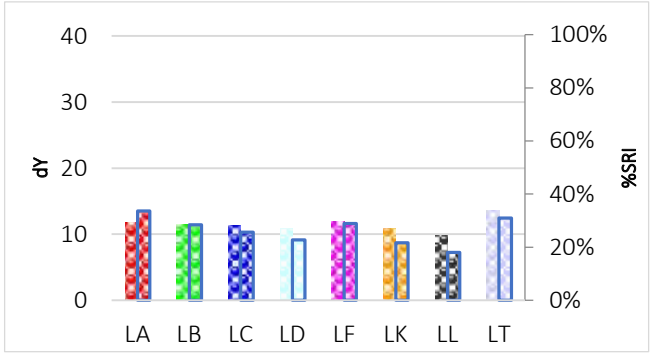


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H157

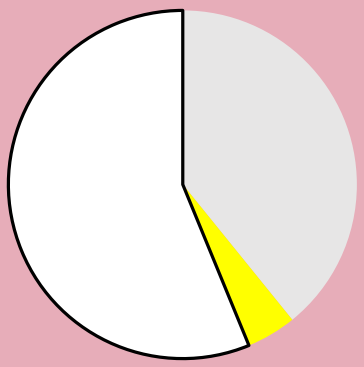
Tomato sauce, ragu

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

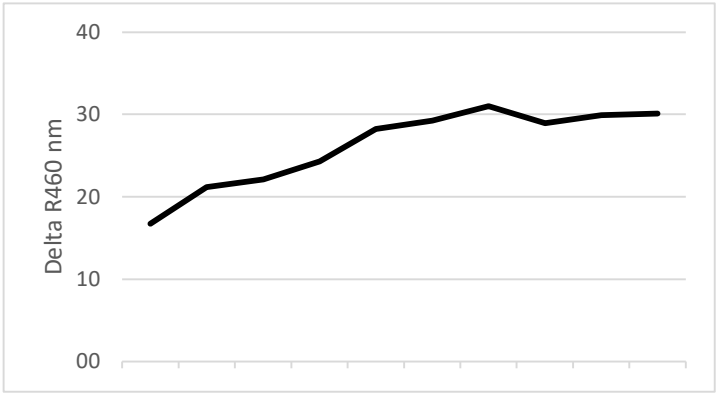
Order Code:	Substrate:	Yu:
C-H157	Woven Cotton (CN-11 w3x)	90,9
KC-H157	Knitted Cotton (CN-42w3x)	94,5

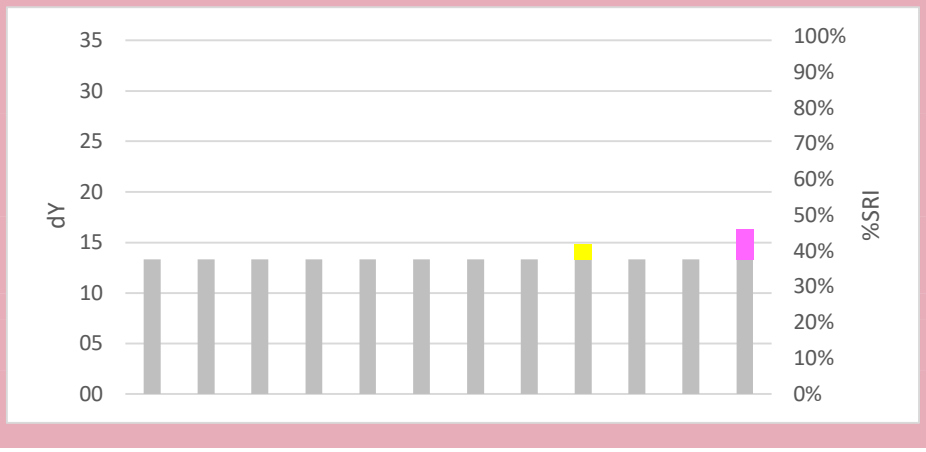
Order Code:	Substrate:	Yu:
PC-H157	Polyester/Cotton (PCN-01w3x)	87,9
P-H157	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

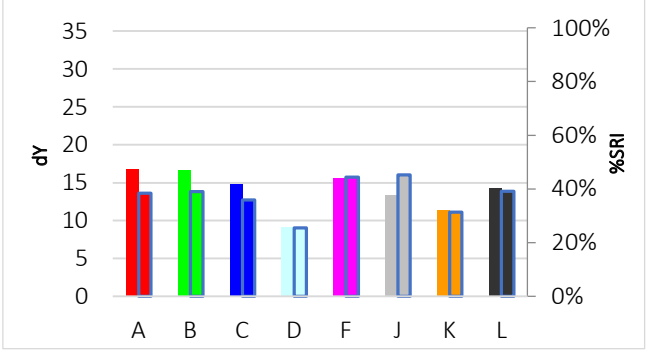


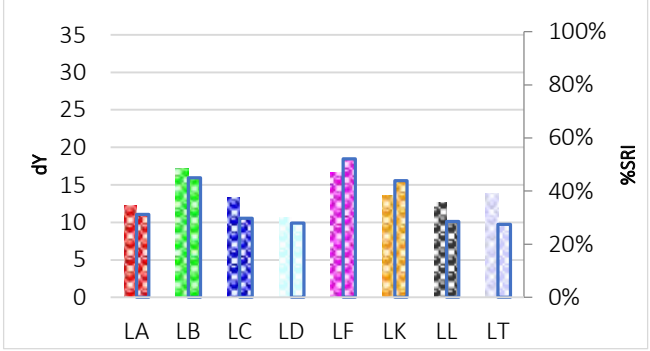


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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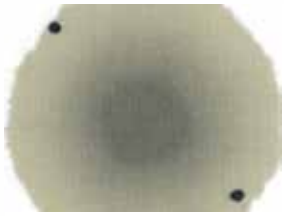
C-H158

Dirty Motor Oil (DMO), diluted



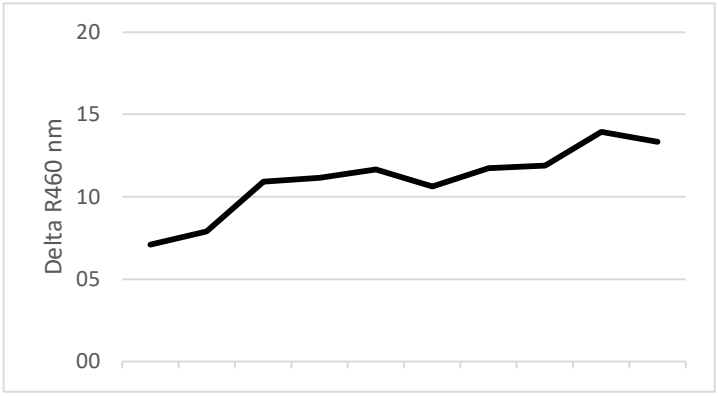
Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

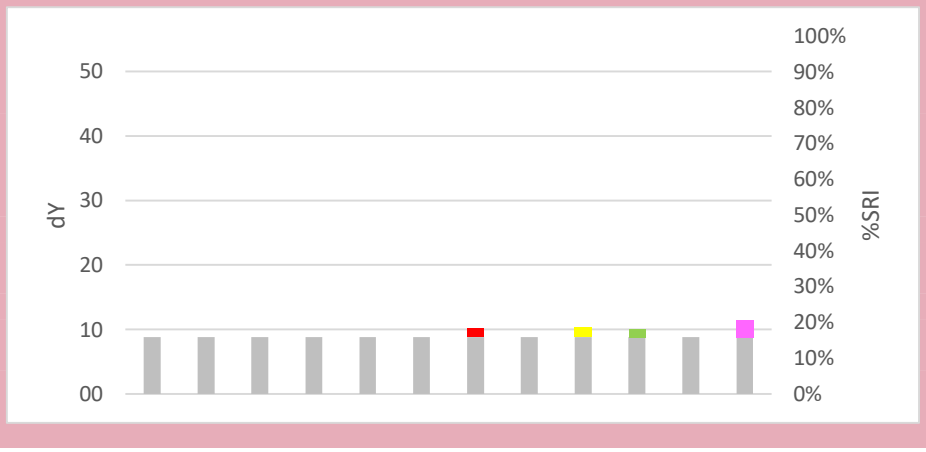
Order Code:	Substrate:	Yu:
C-H158	Woven Cotton (CN-11 w3x)	90,9
KC-H158	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H158	Polyester/Cotton (PCN-01w3x)	87,9
P-H158	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

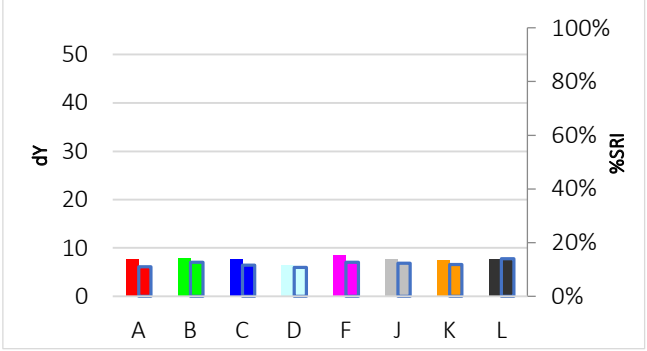


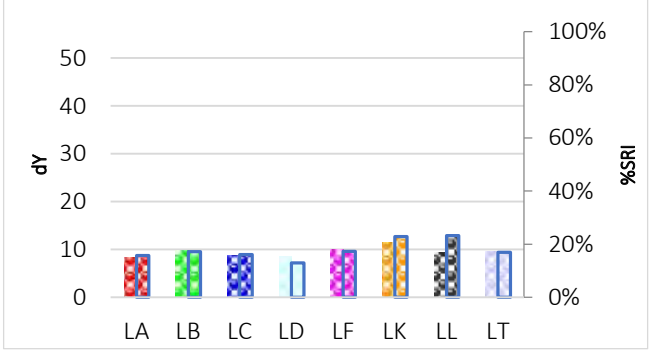


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H159

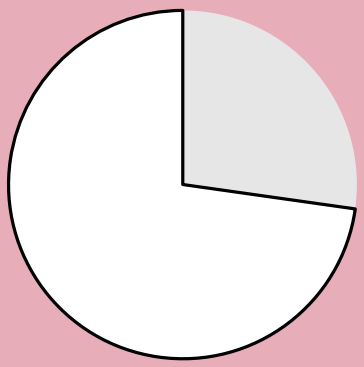
Beta-carotene

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

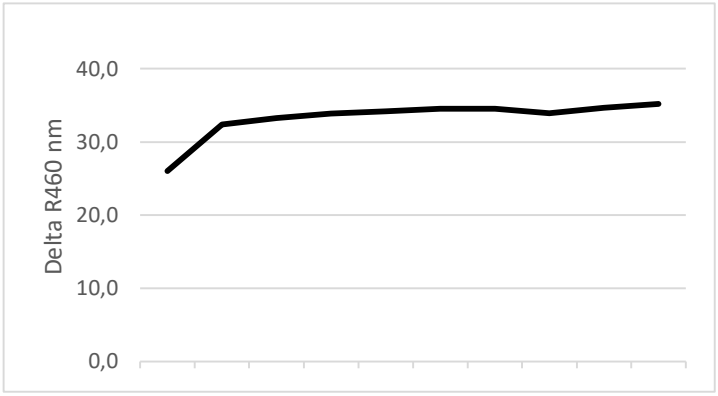
Order Code:	Substrate:	Yu:
C-H159	Woven Cotton (CN-11 w3x)	90,9
KC-H159	Knitted Cotton (CN-42w3x)	94,5

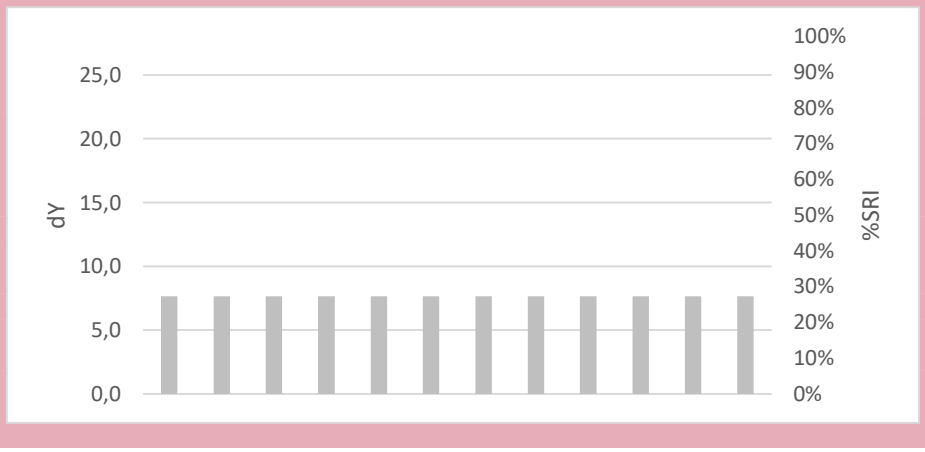
Order Code:	Substrate:	Yu:
PC-H159	Polyester/Cotton (PCN-01w3x)	87,9
P-H159	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

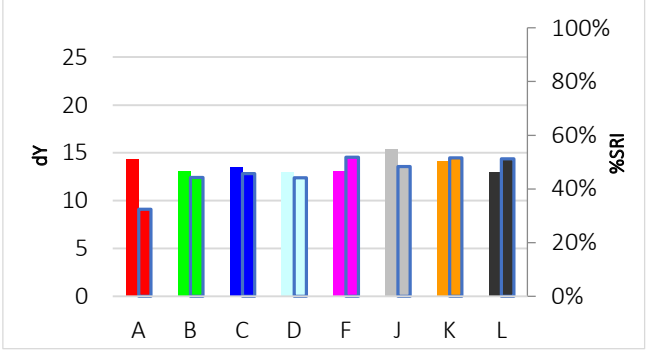


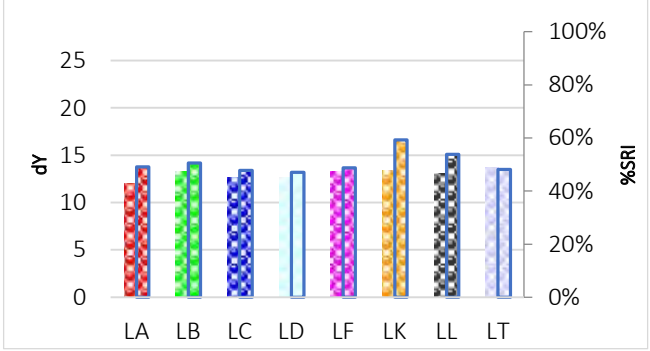


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H160

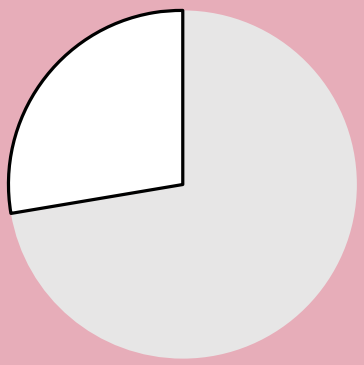
Shrimp paste (for odour testing)

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

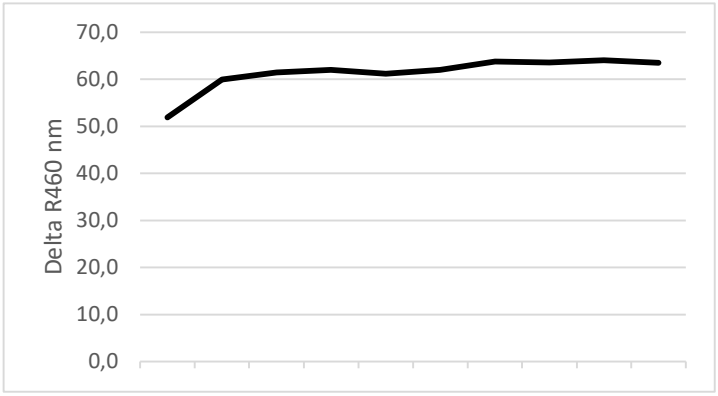
Order Code:	Substrate:	Yu:
C-H160	Woven Cotton (CN-11 w3x)	90,9
KC-H160	Knitted Cotton (CN-42w3x)	94,5

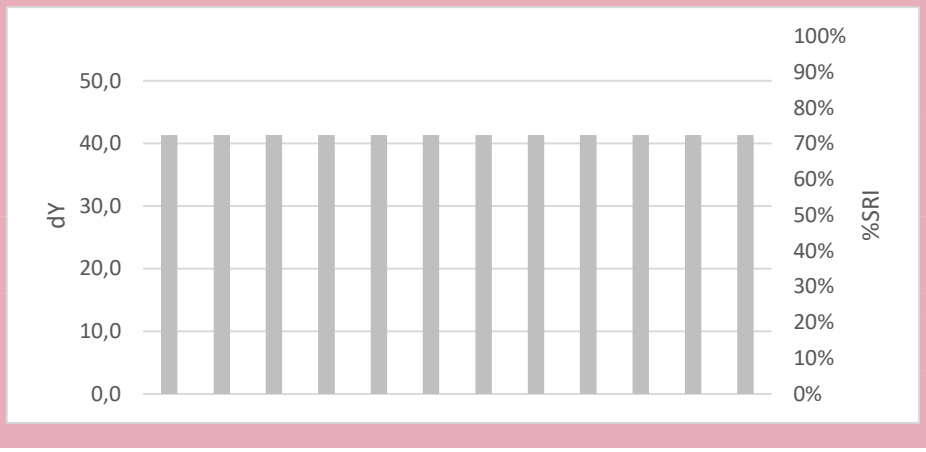
Order Code:	Substrate:	Yu:
PC-H160	Polyester/Cotton (PCN-01w3x)	87,9
P-H160	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

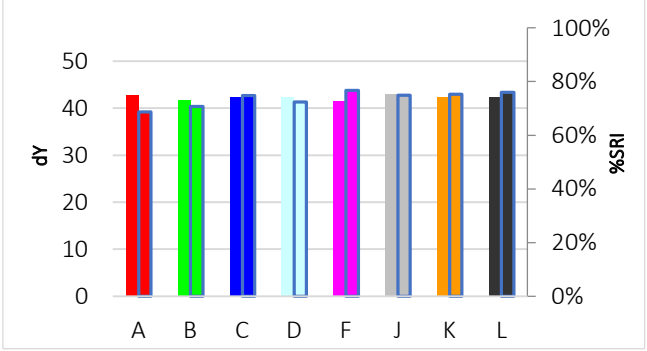


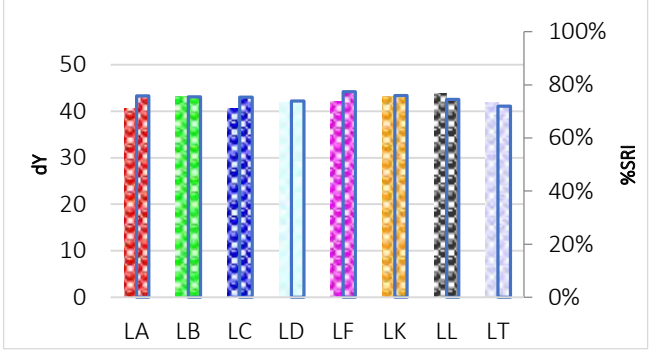


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H161

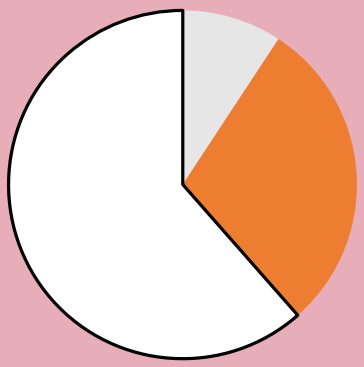
Starch -

Discriminative Power: ★★★★★
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

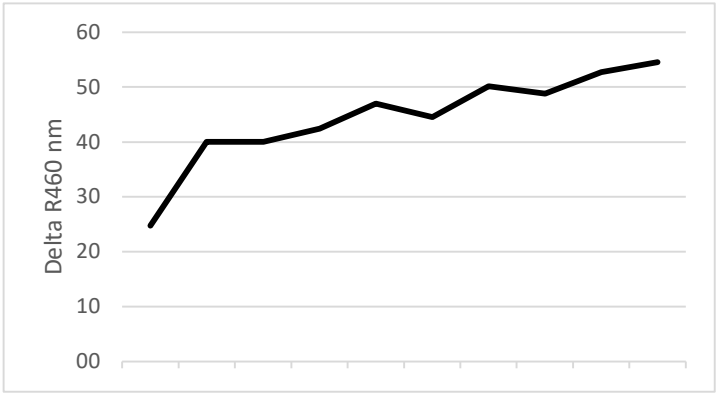
Order Code:	Substrate:	Yu:
C-H161	Woven Cotton (CN-11 w3x)	90,9
KC-H161	Knitted Cotton (CN-42w3x)	94,5

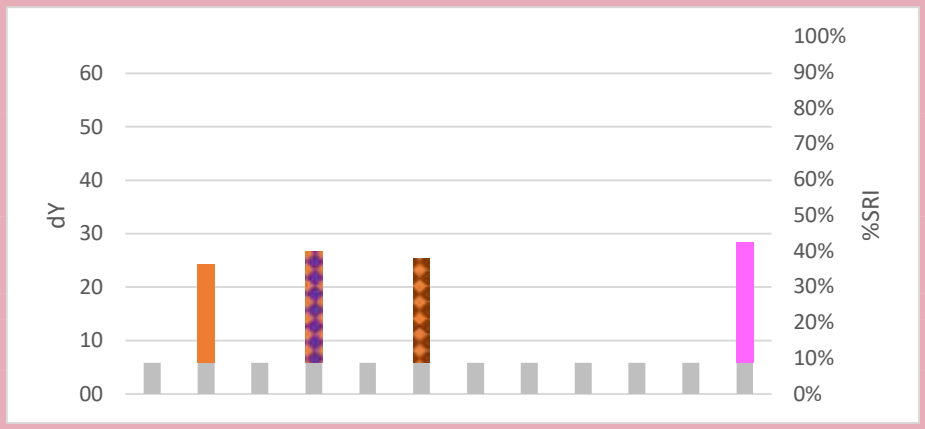
Order Code:	Substrate:	Yu:
PC-H161	Polyester/Cotton (PCN-01w3x)	87,9
P-H161	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

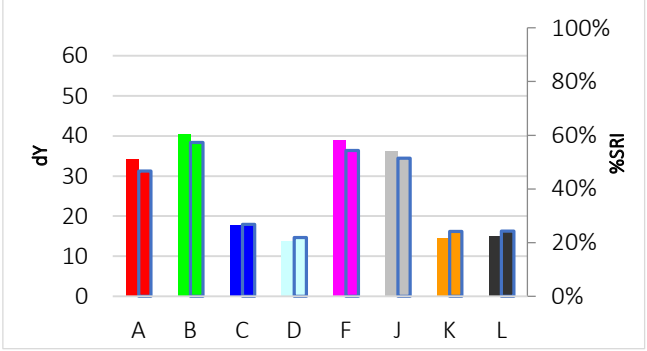


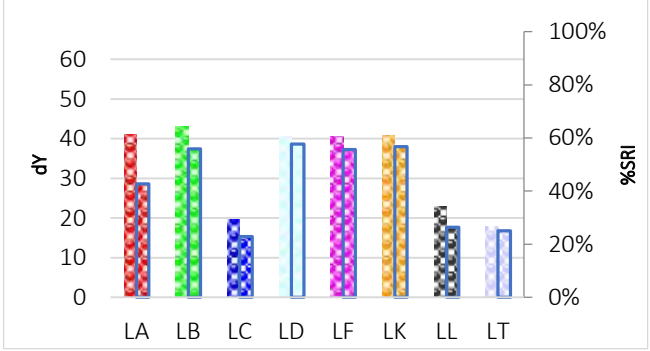


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H162

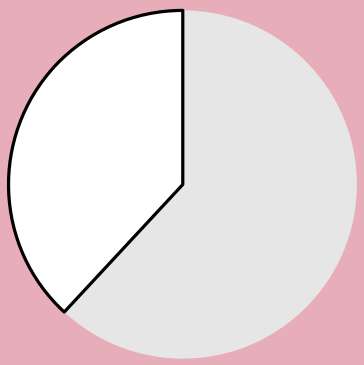
Chicken barbecue fat

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

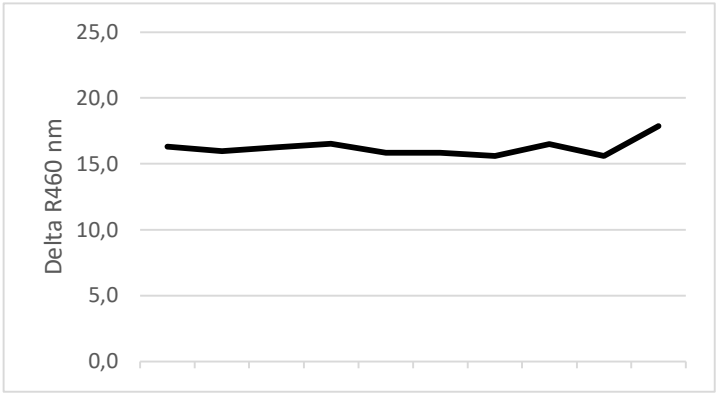
Order Code:	Substrate:	Yu:
C-H162	Woven Cotton (CN-11 w3x)	90,9
KC-H162	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H162	Polyester/Cotton (PCN-01w3x)	87,9
P-H162	Polyester (PN-01 w3x)	86,5

Detergent Component Response



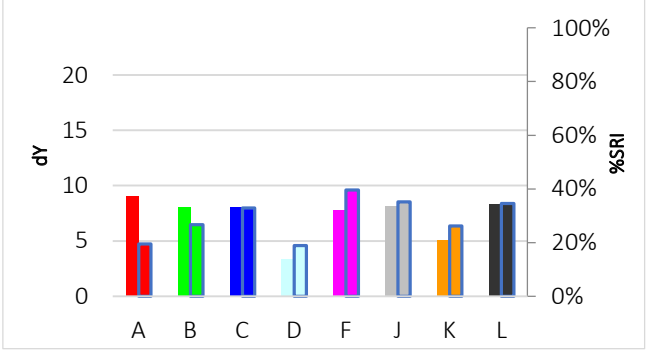
Detergent Dosage/Response & QC

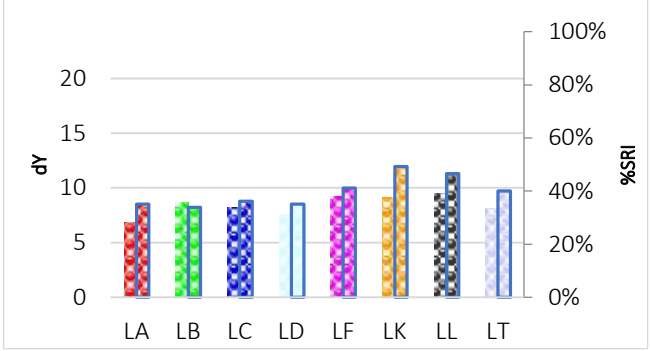


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H163

Pesto -

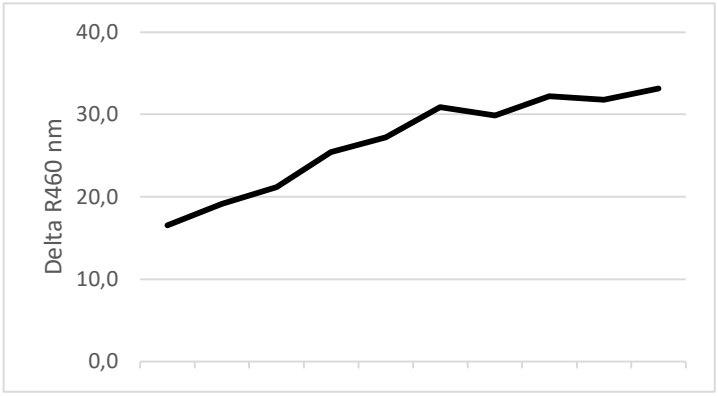
Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

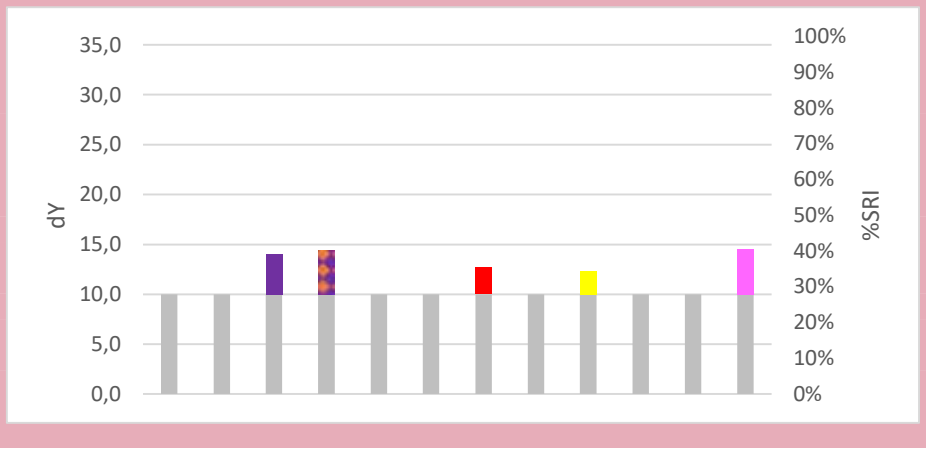
Order Code:	Substrate:	Yu:
C-H163	Woven Cotton (CN-11 w3x)	90,9
KC-H163	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H163	Polyester/Cotton (PCN-01w3x)	87,9
P-H163	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

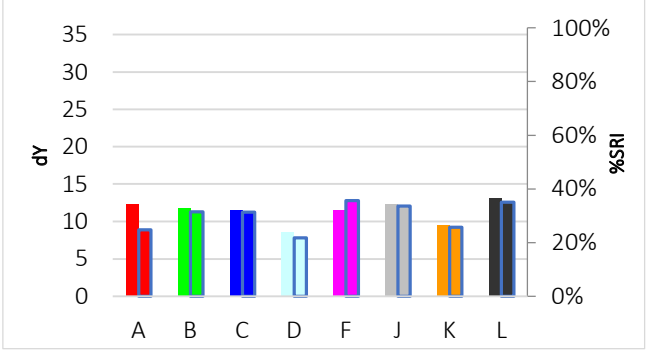


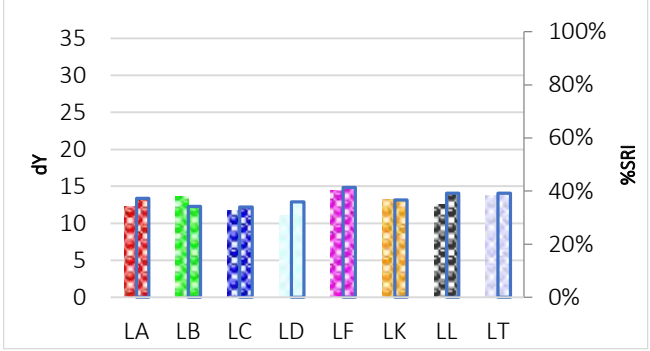


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H164

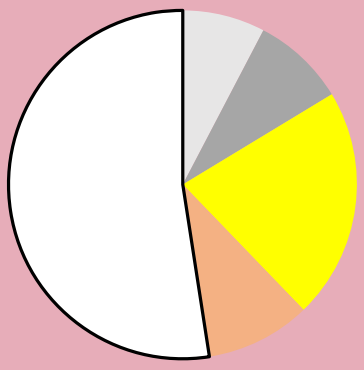
Kaki fruit

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

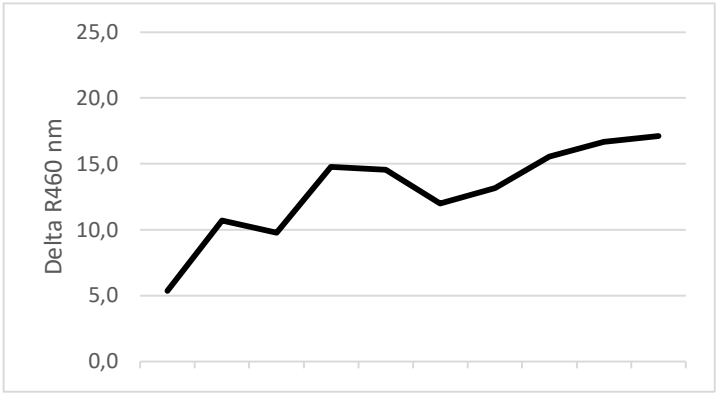
Order Code:	Substrate:	Yu:
C-H164	Woven Cotton (CN-11 w3x)	90,9
KC-H164	Knitted Cotton (CN-42w3x)	94,5

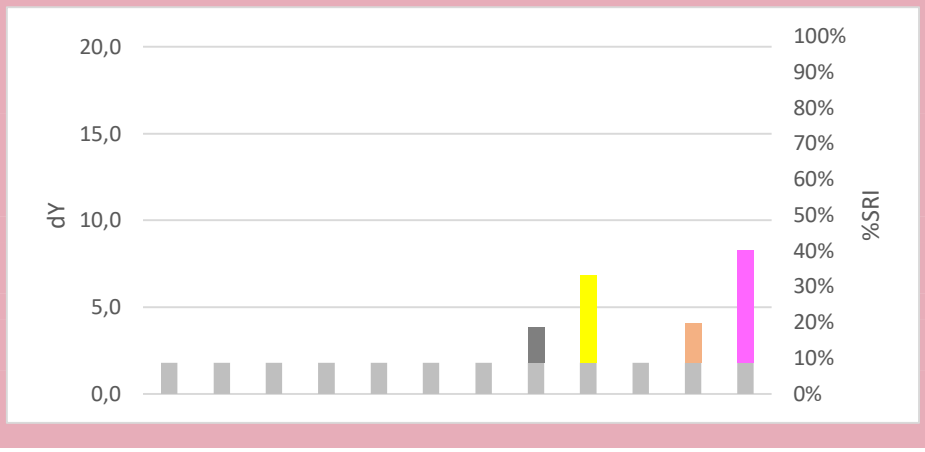
Order Code:	Substrate:	Yu:
PC-H164	Polyester/Cotton (PCN-01w3x)	87,9
P-H164	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

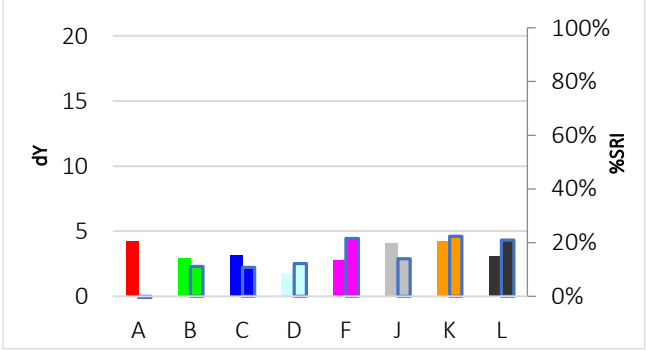


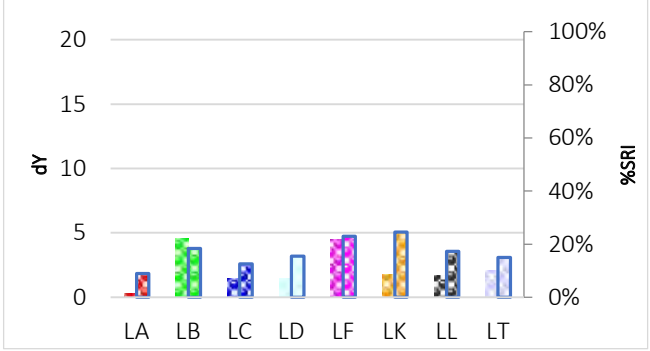


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H165

Minced meat

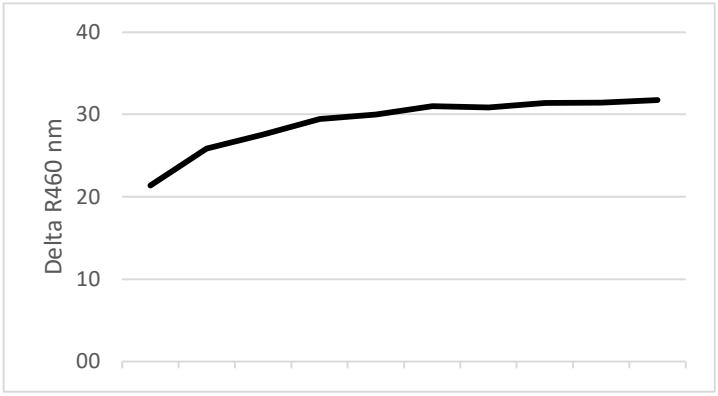
Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

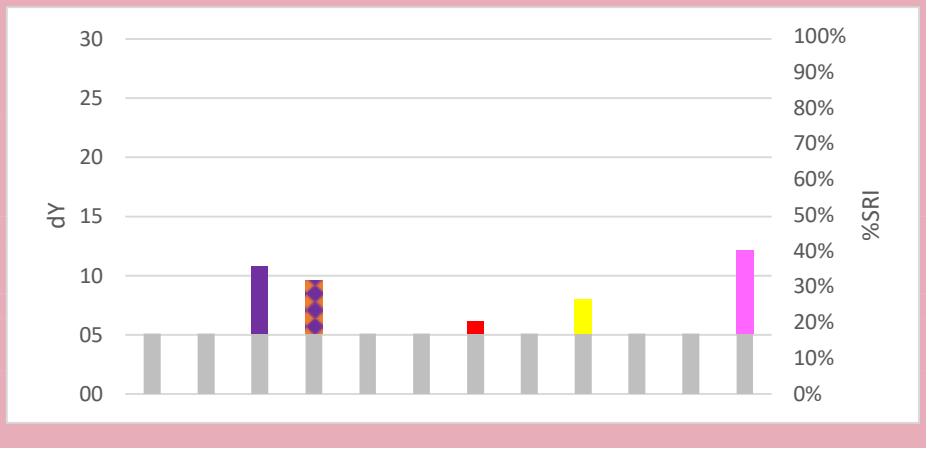
Order Code:	Substrate:	Yu:
C-H165	Woven Cotton (CN-11 w3x)	90,9
KC-H165	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H165	Polyester/Cotton (PCN-01w3x)	87,9
P-H165	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

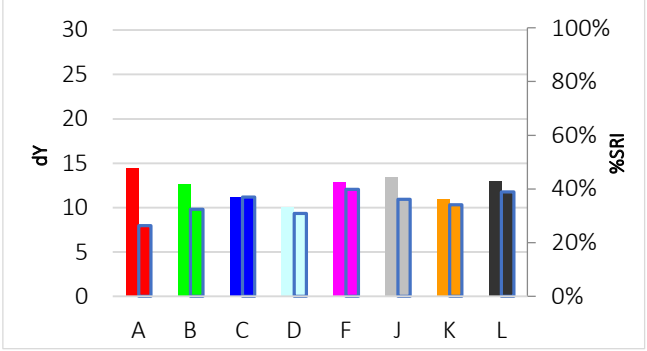


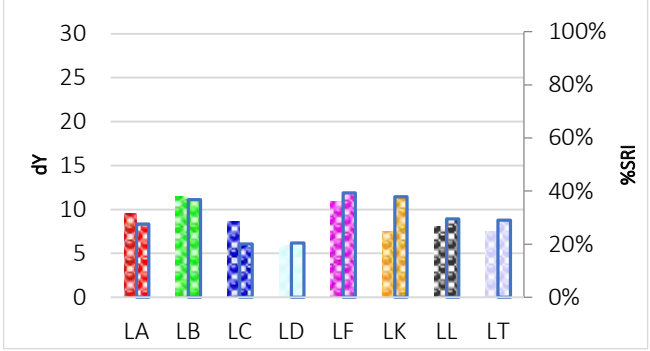


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H166

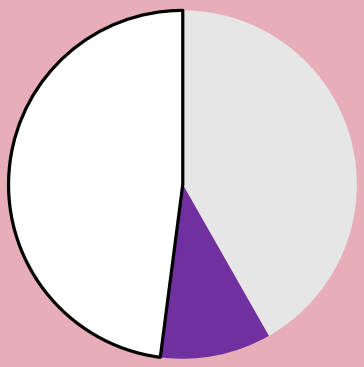
Protein meal replacement shake, cocoa

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

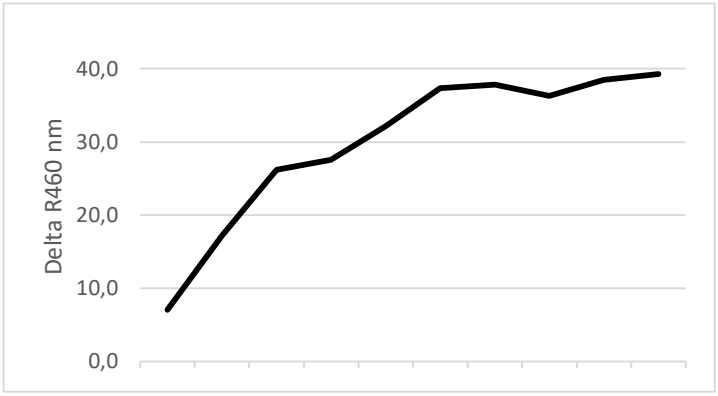
Order Code:	Substrate:	Yu:
C-H166	Woven Cotton (CN-11 w3x)	90,9
KC-H166	Knitted Cotton (CN-42w3x)	94,5

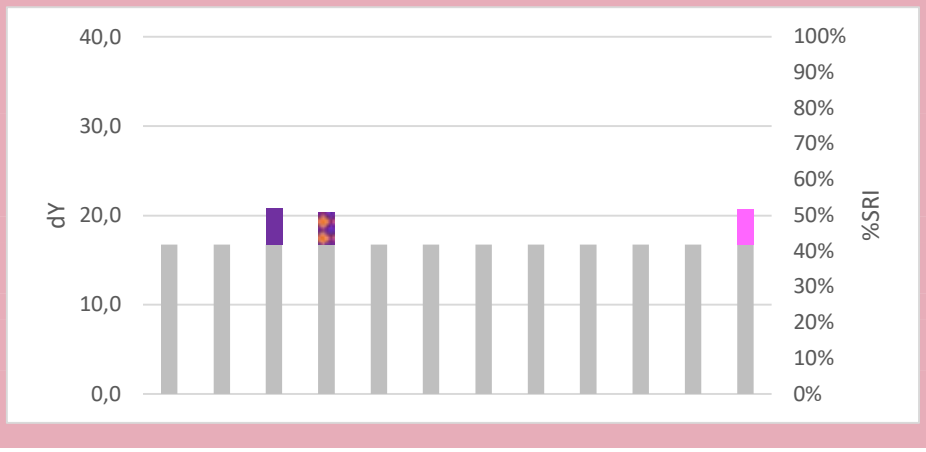
Order Code:	Substrate:	Yu:
PC-H166	Polyester/Cotton (PCN-01w3x)	87,9
P-H166	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

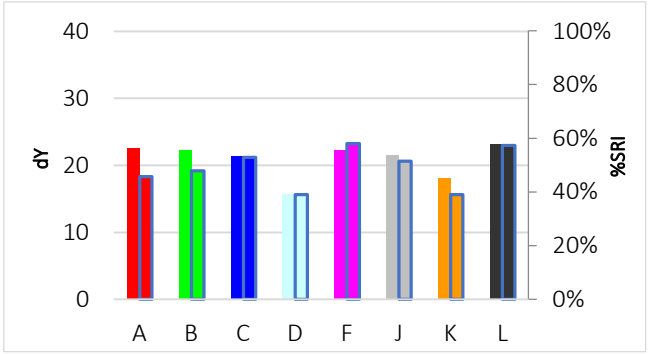


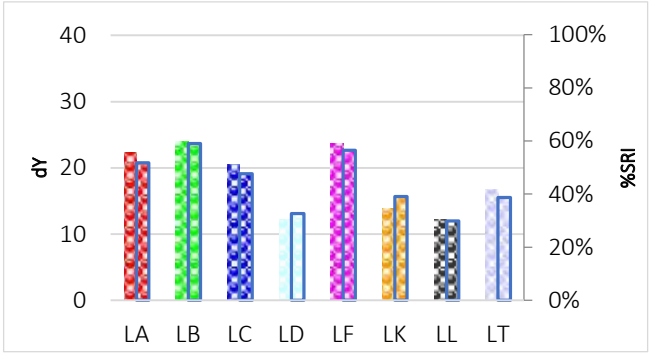


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H167

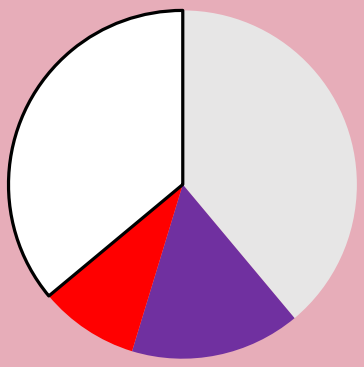
Protein shake, cocoa

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

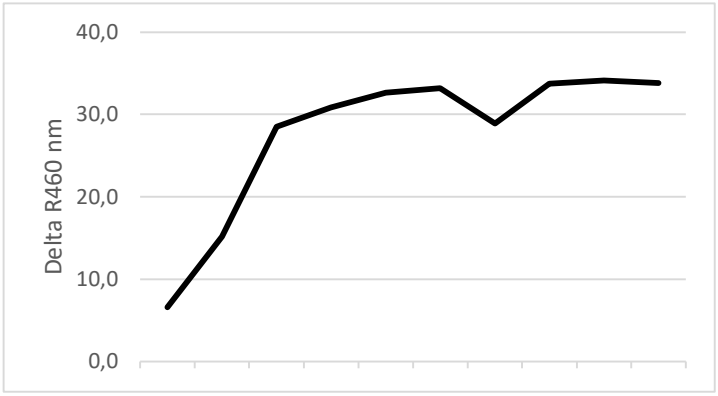
Order Code:	Substrate:	Yu:
C-H167	Woven Cotton (CN-11 w3x)	90,9
KC-H167	Knitted Cotton (CN-42w3x)	94,5

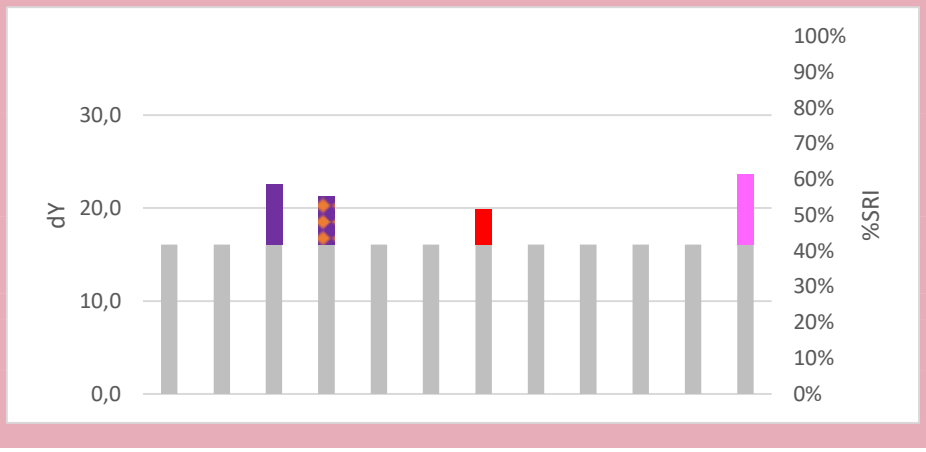
Order Code:	Substrate:	Yu:
PC-H167	Polyester/Cotton (PCN-01w3x)	87,9
P-H167	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

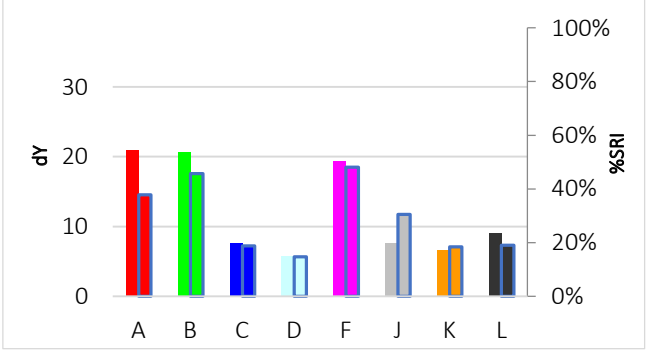


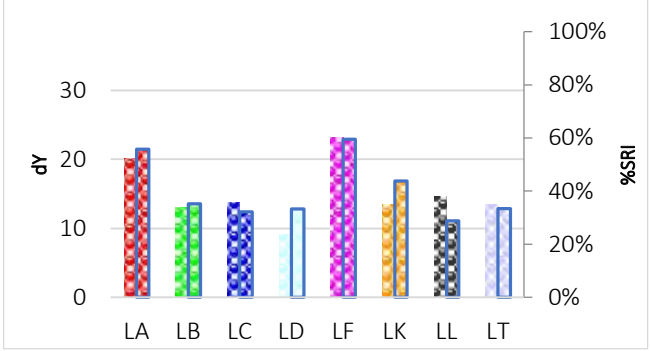


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H168

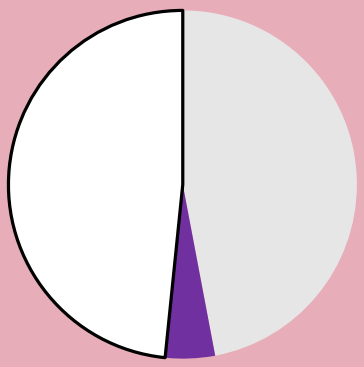
Protein shake, caffè latte

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

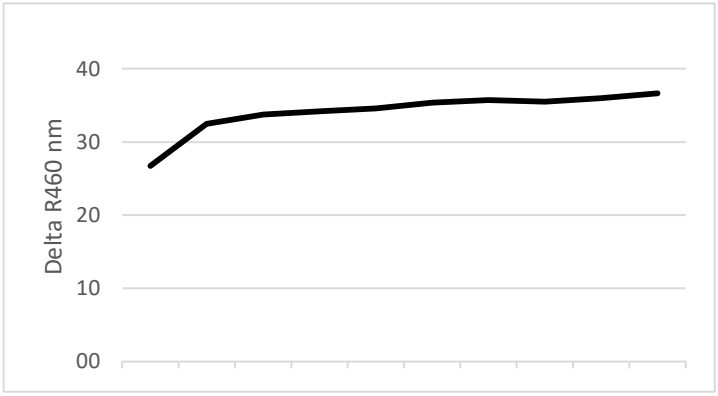
Order Code:	Substrate:	Yu:
C-H168	Woven Cotton (CN-11 w3x)	90,9
KC-H168	Knitted Cotton (CN-42w3x)	94,5

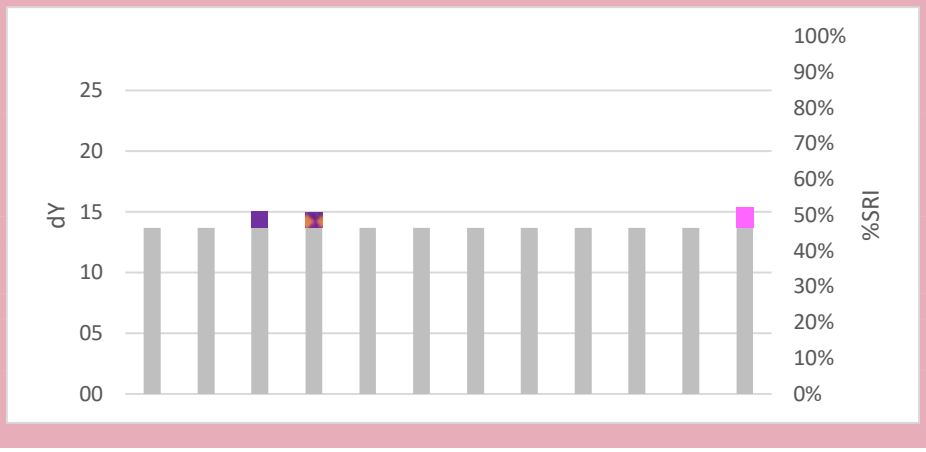
Order Code:	Substrate:	Yu:
PC-H168	Polyester/Cotton (PCN-01w3x)	87,9
P-H168	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

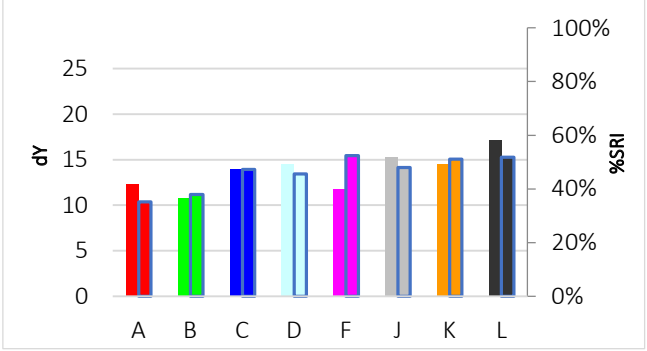


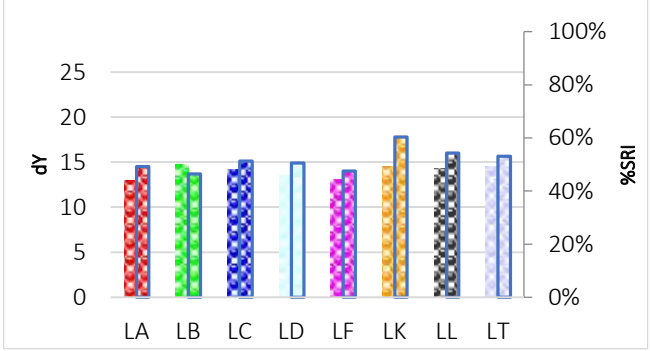


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H169

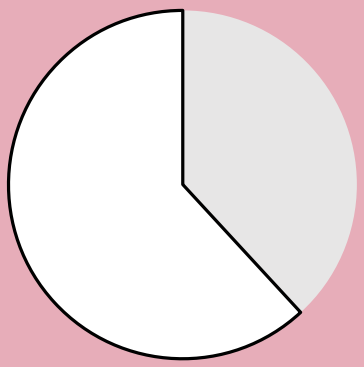
Choron sauce

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

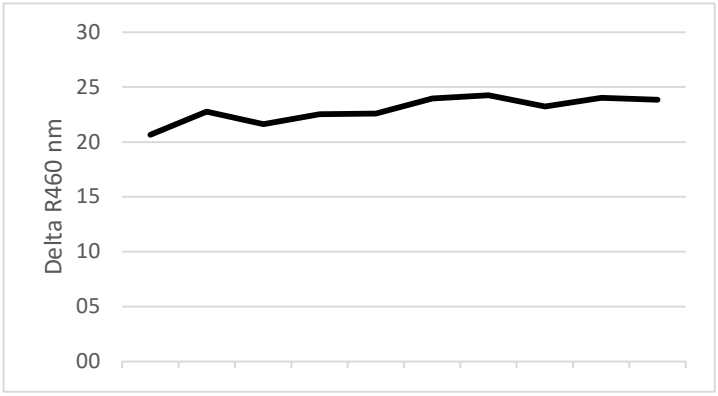
Order Code:	Substrate:	Yu:
C-H169	Woven Cotton (CN-11 w3x)	90,9
KC-H169	Knitted Cotton (CN-42w3x)	94,5

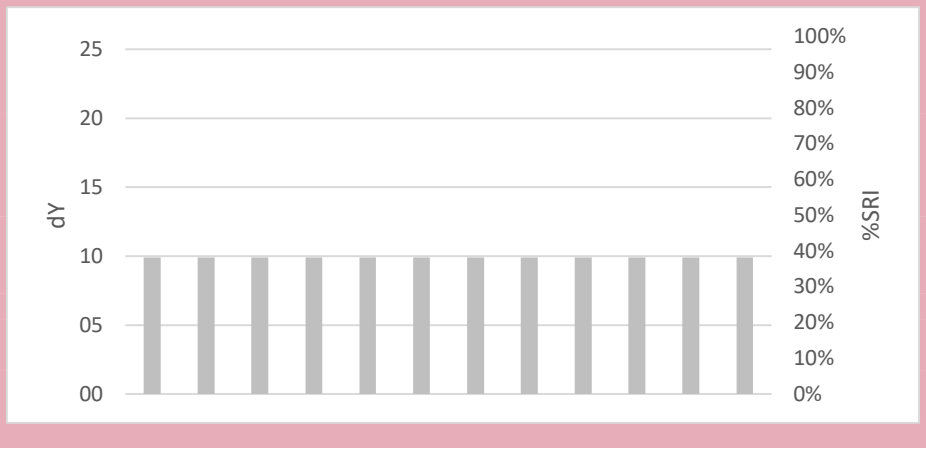
Order Code:	Substrate:	Yu:
PC-H169	Polyester/Cotton (PCN-01w3x)	87,9
P-H169	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

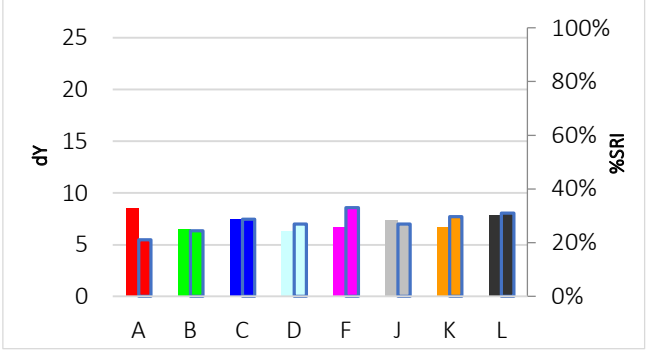


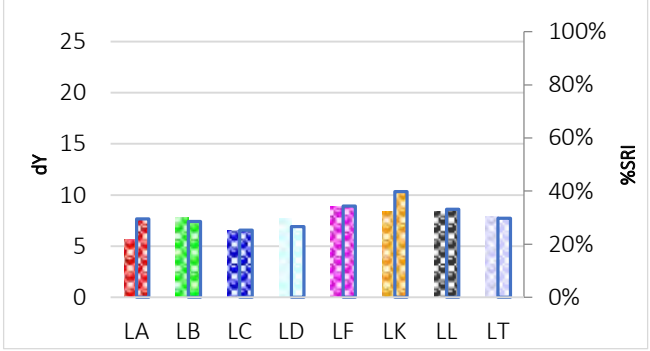


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H170

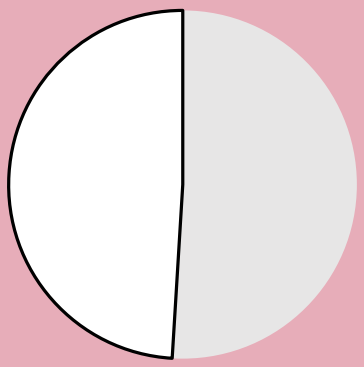
Milkshake, banana/peanut butter

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

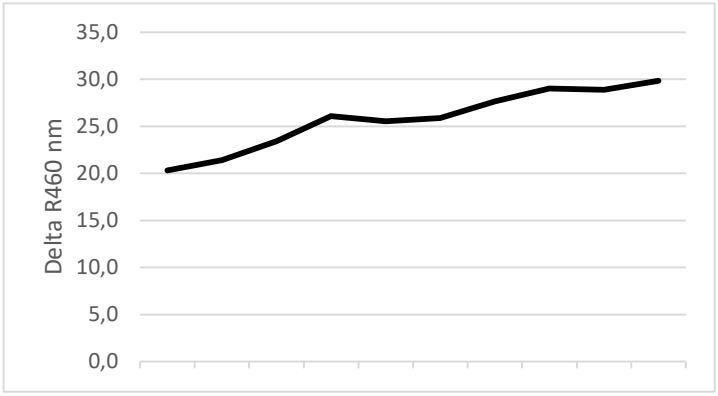
Order Code:	Substrate:	Yu:
C-H170	Woven Cotton (CN-11 w3x)	90,9
KC-H170	Knitted Cotton (CN-42w3x)	94,5

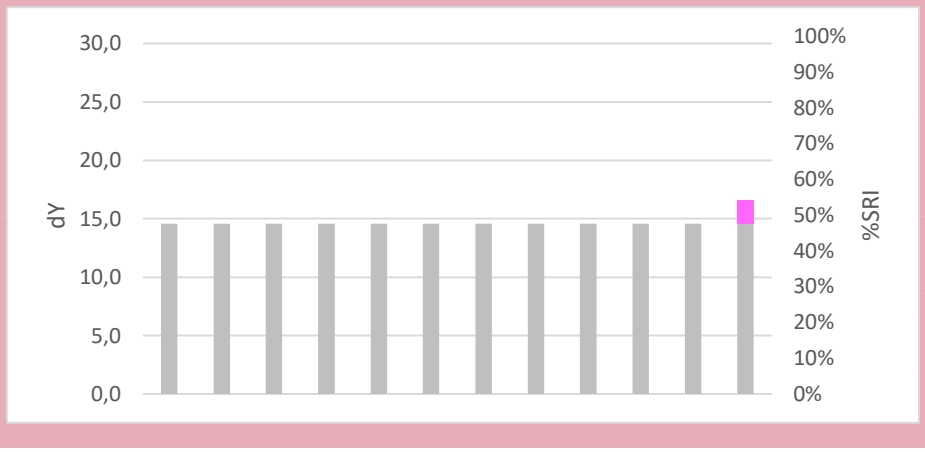
Order Code:	Substrate:	Yu:
PC-H170	Polyester/Cotton (PCN-01w3x)	87,9
P-H170	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

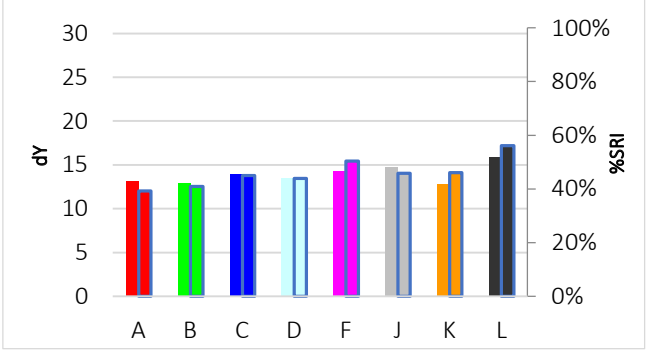


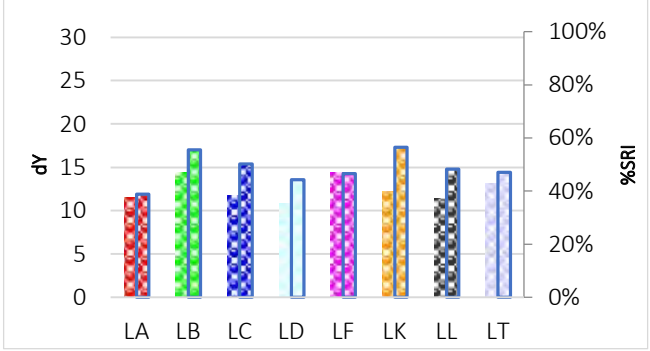


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H174

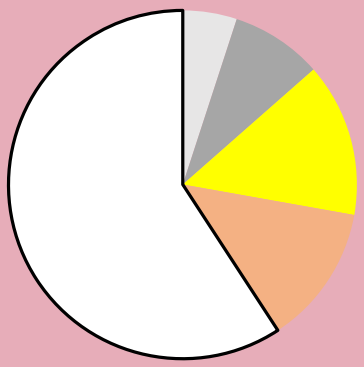
Banana/apple, fresh

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

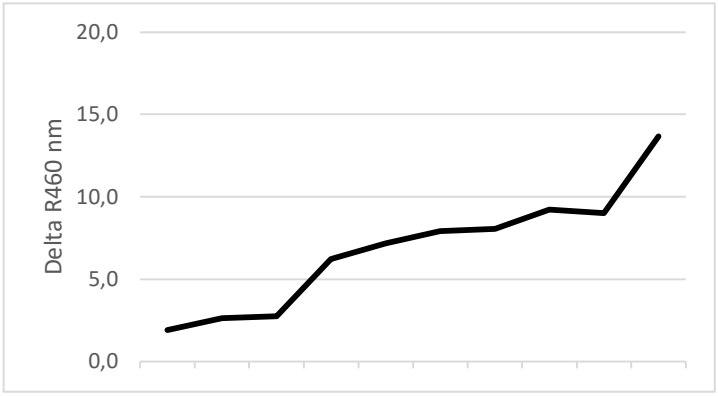
Order Code:	Substrate:	Yu:
C-H174	Woven Cotton (CN-11 w3x)	90,9
KC-H174	Knitted Cotton (CN-42w3x)	94,5

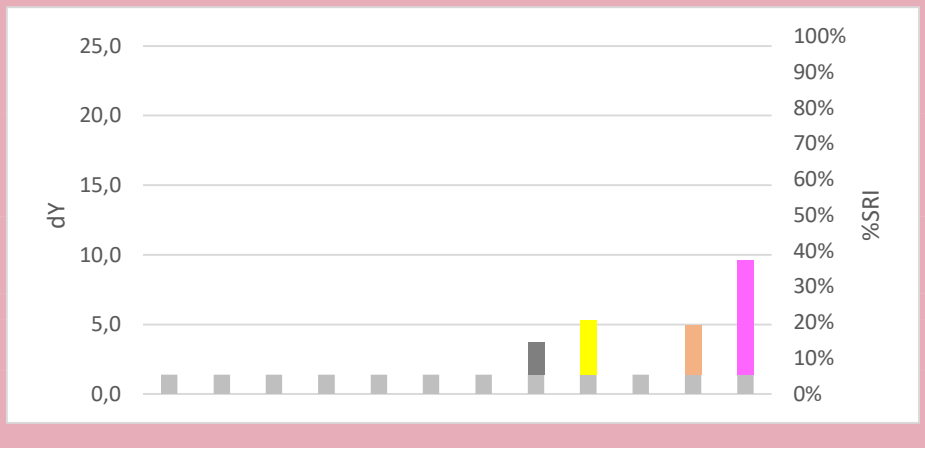
Order Code:	Substrate:	Yu:
PC-H174	Polyester/Cotton (PCN-01w3x)	87,9
P-H174	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

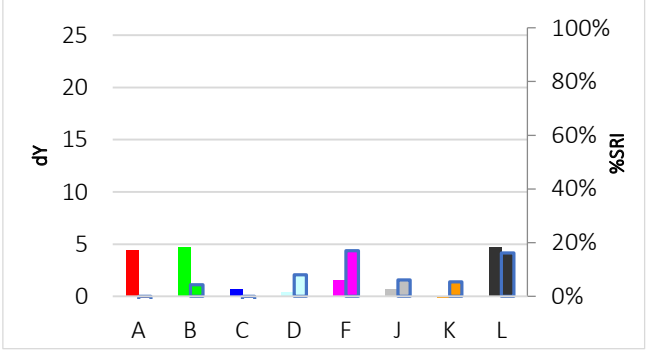


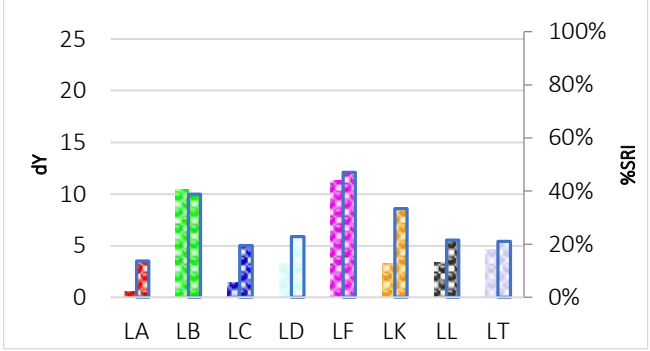


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H175

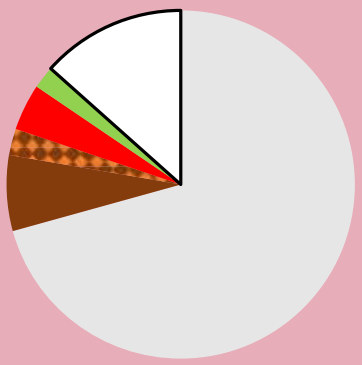
Vienetta chocolate ice cream

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

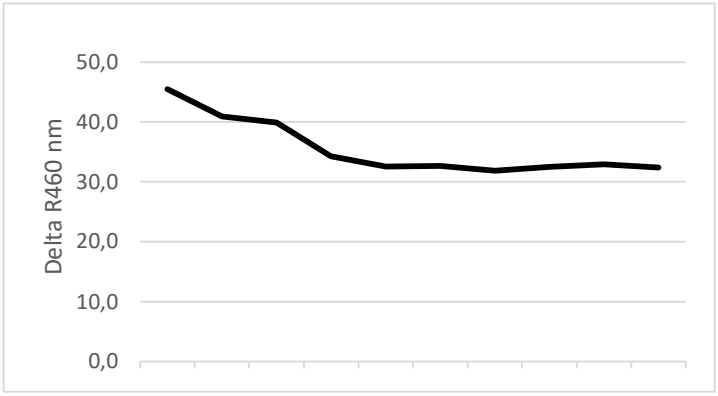
Order Code:	Substrate:	Yu:
C-H175	Woven Cotton (CN-11 w3x)	90,9
KC-H175	Knitted Cotton (CN-42w3x)	94,5

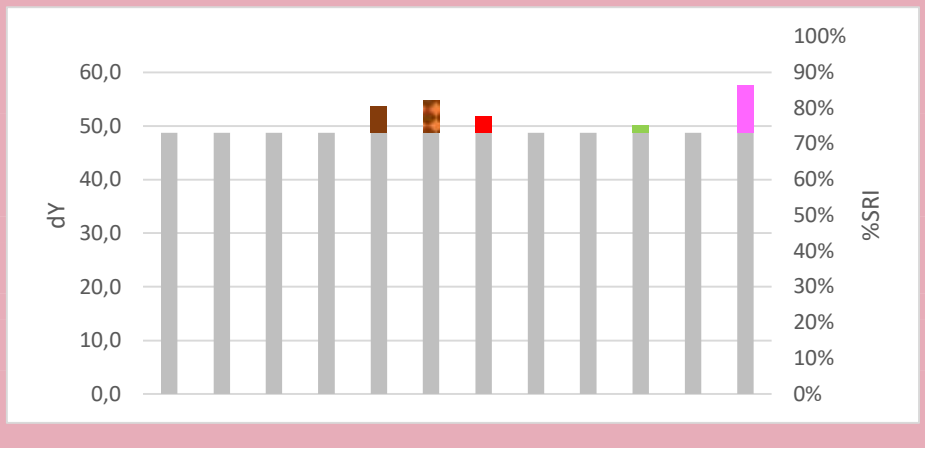
Order Code:	Substrate:	Yu:
PC-H175	Polyester/Cotton (PCN-01w3x)	87,9
P-H175	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

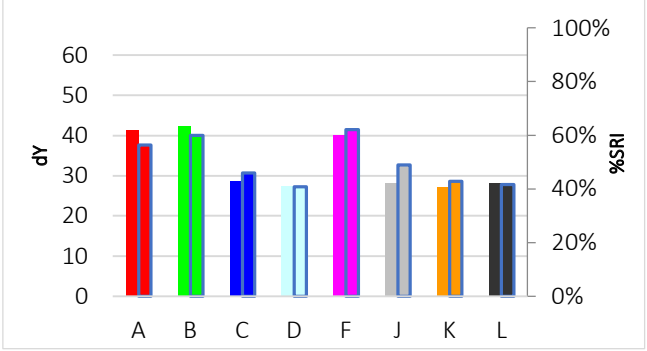


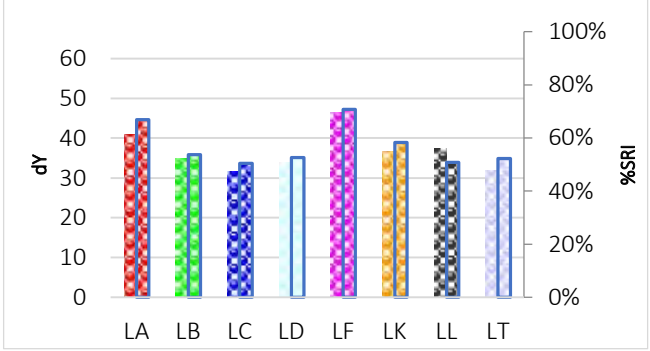


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H176

Red palm oil

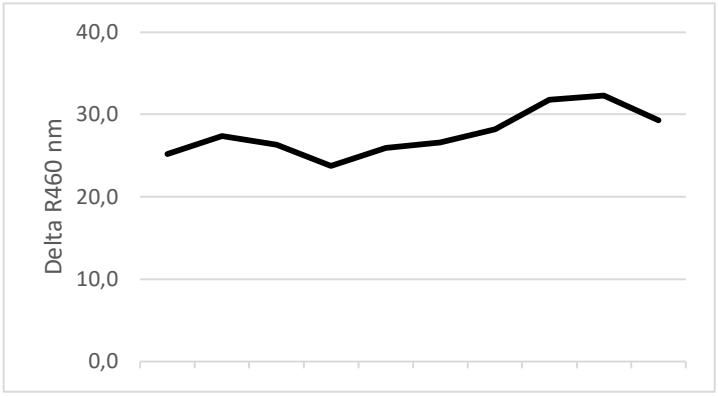
Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

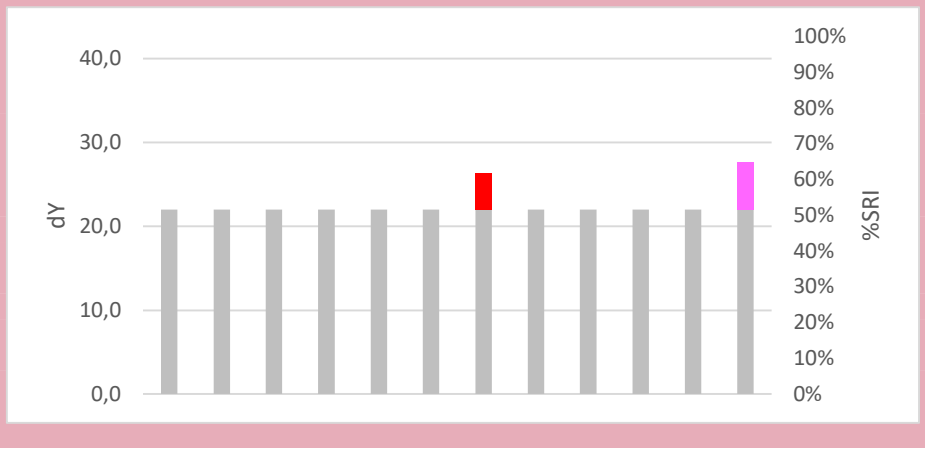
Order Code:	Substrate:	Yu:
C-H176	Woven Cotton (CN-11 w3x)	90,9
KC-H176	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H176	Polyester/Cotton (PCN-01w3x)	87,9
P-H176	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

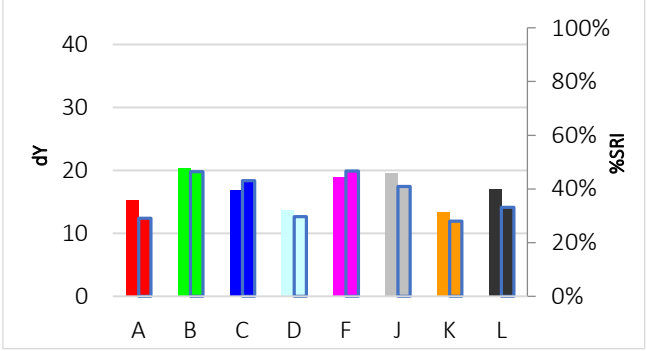


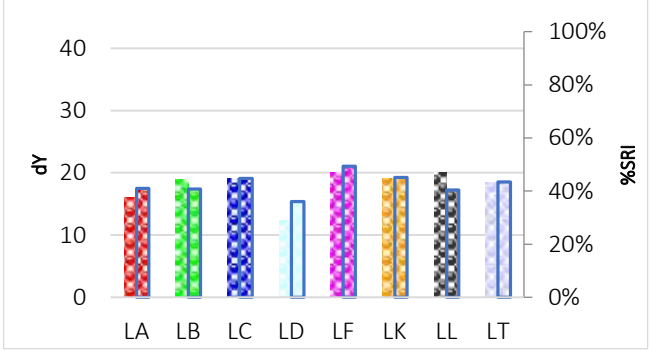


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H177

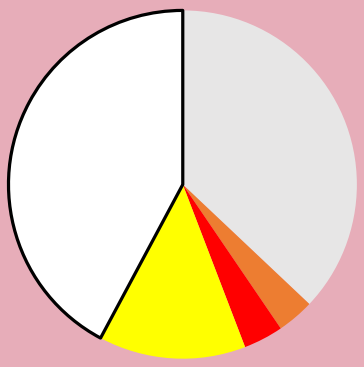
Chocolate drink, pure

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★☆☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

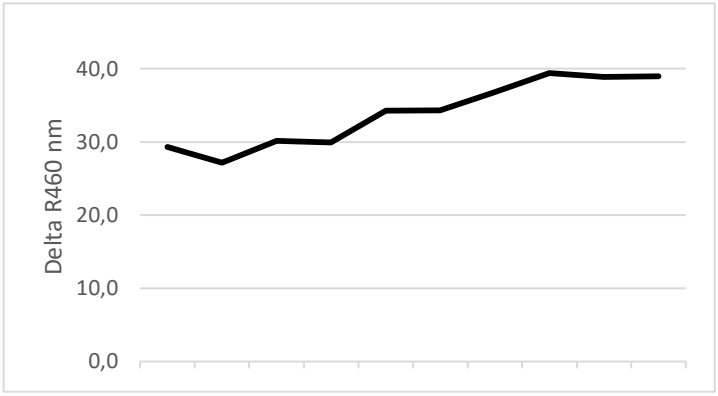
Order Code:	Substrate:	Yu:
C-H177	Woven Cotton (CN-11 w3x)	90,9
KC-H177	Knitted Cotton (CN-42w3x)	94,5

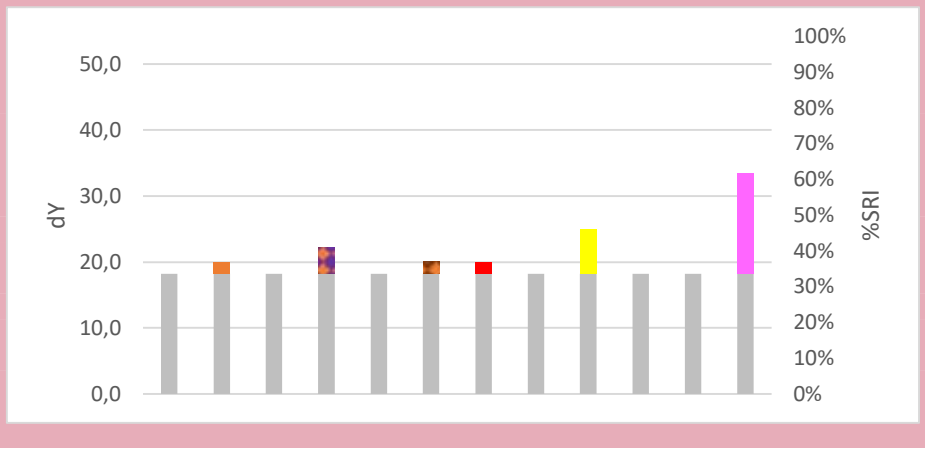
Order Code:	Substrate:	Yu:
PC-H177	Polyester/Cotton (PCN-01w3x)	87,9
P-H177	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

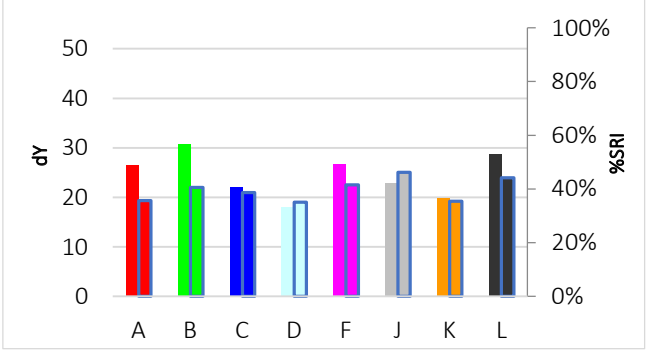


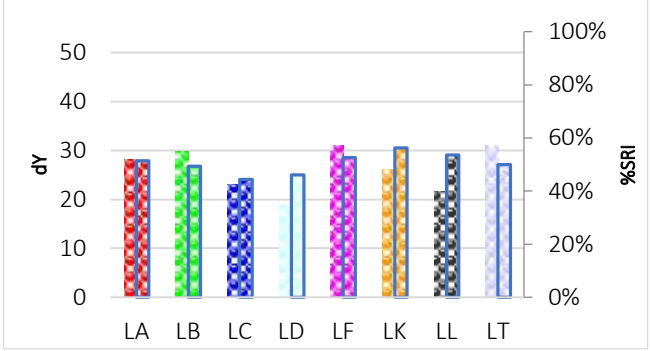


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H178

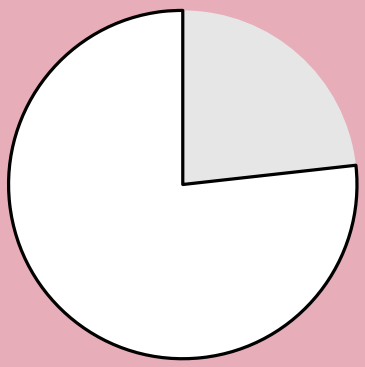
Toothpaste

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★★
Popularity: ★★★☆☆

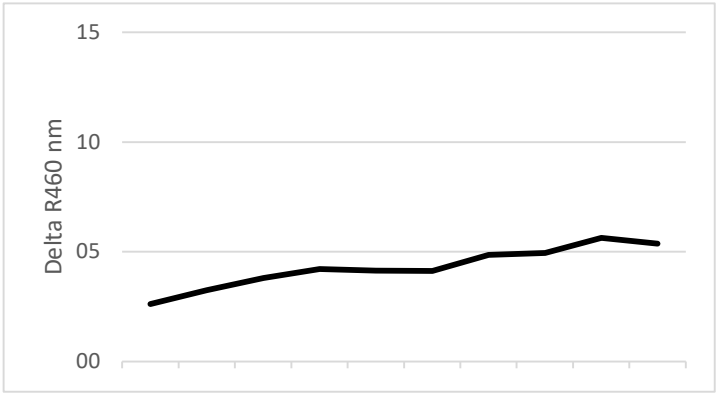
Order Code:	Substrate:	Yu:
C-H178	Woven Cotton (CN-11 w3x)	90,9
KC-H178	Knitted Cotton (CN-42w3x)	94,5

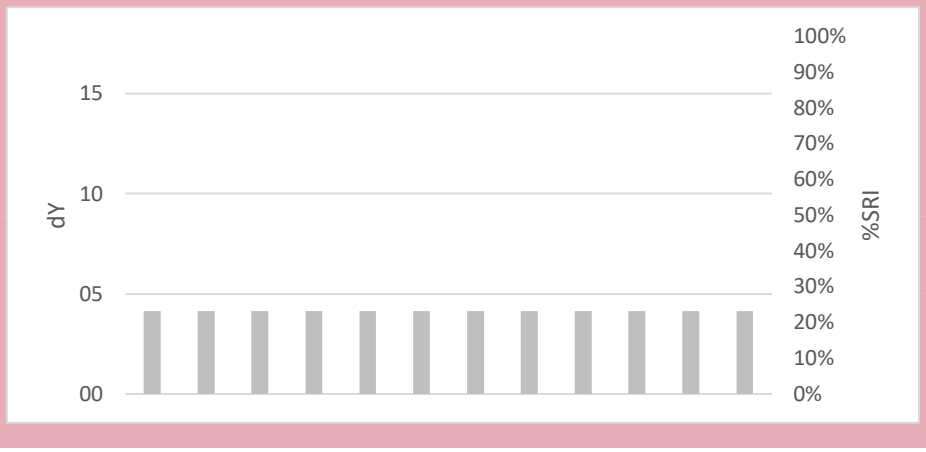
Order Code:	Substrate:	Yu:
PC-H178	Polyester/Cotton (PCN-01w3x)	87,9
P-H178	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

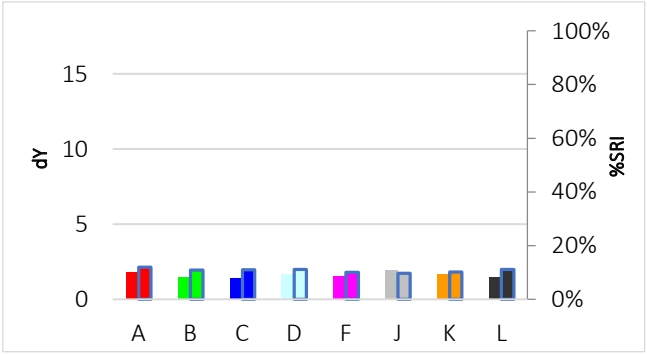


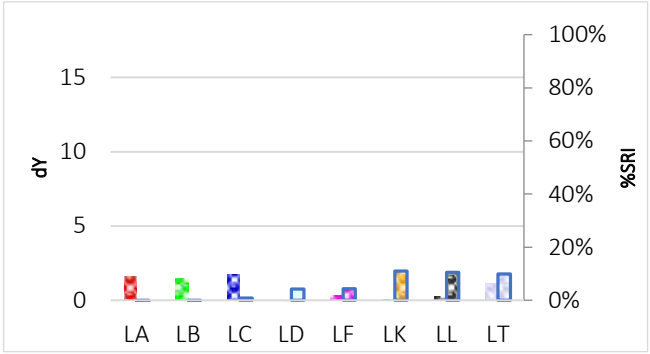


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H179

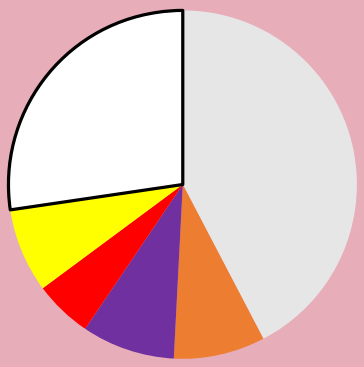
Brown sauce

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

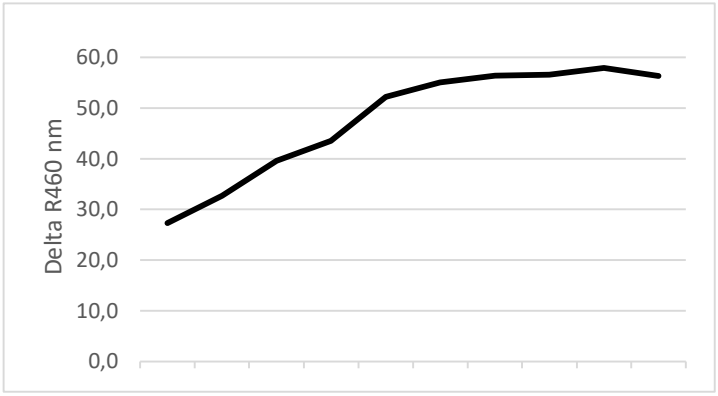
Order Code:	Substrate:	Yu:
C-H179	Woven Cotton (CN-11 w3x)	90,9
KC-H179	Knitted Cotton (CN-42w3x)	94,5

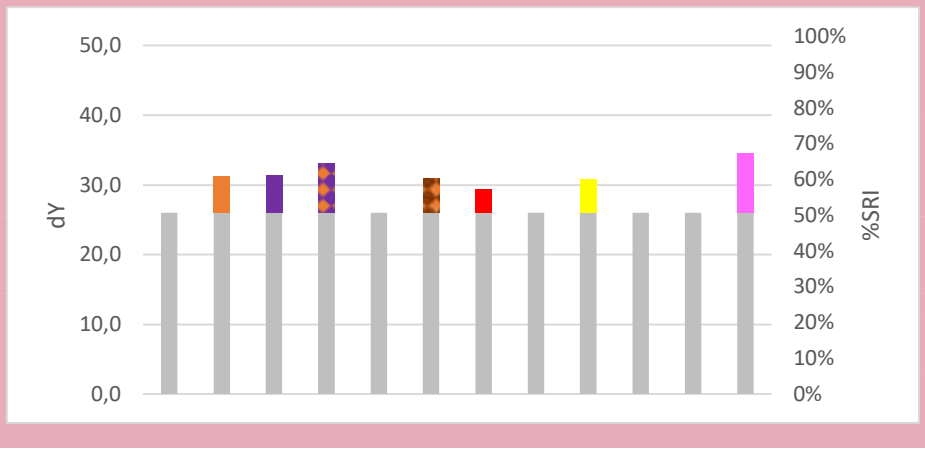
Order Code:	Substrate:	Yu:
PC-H179	Polyester/Cotton (PCN-01w3x)	87,9
P-H179	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

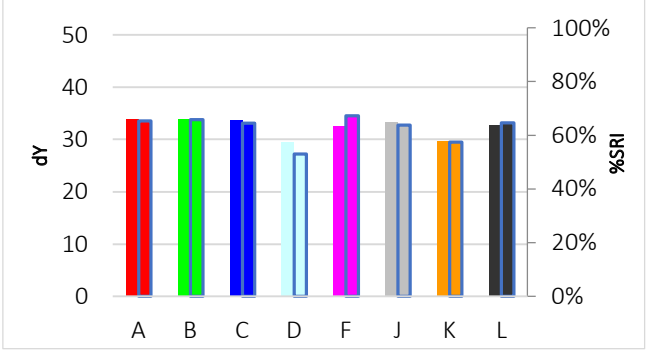


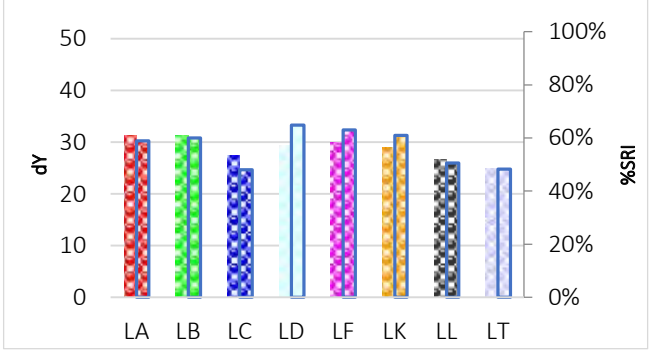


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H180

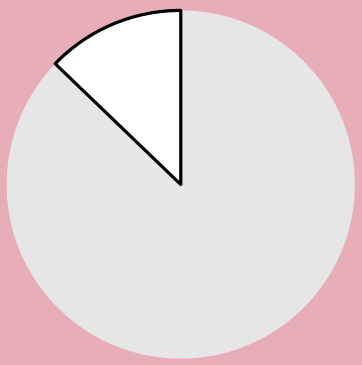
Coca Cola

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

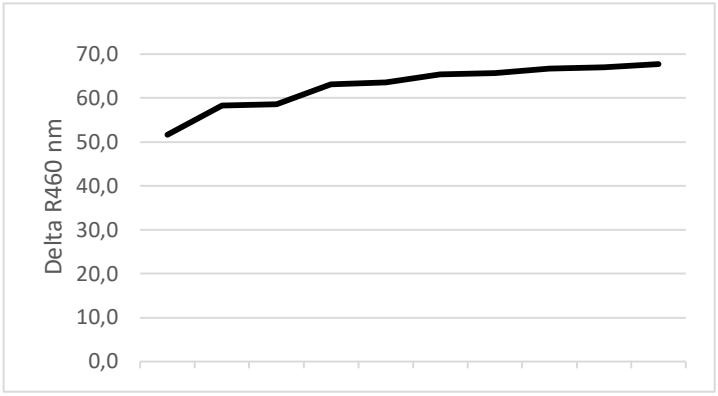
Order Code:	Substrate:	Yu:
C-H180	Woven Cotton (CN-11 w3x)	90,9
KC-H180	Knitted Cotton (CN-42w3x)	94,5

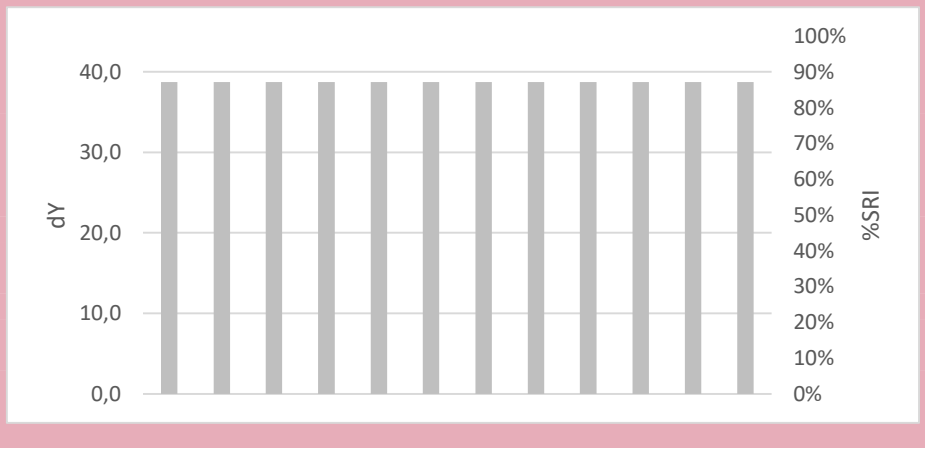
Order Code:	Substrate:	Yu:
PC-H180	Polyester/Cotton (PCN-01w3x)	87,9
P-H180	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

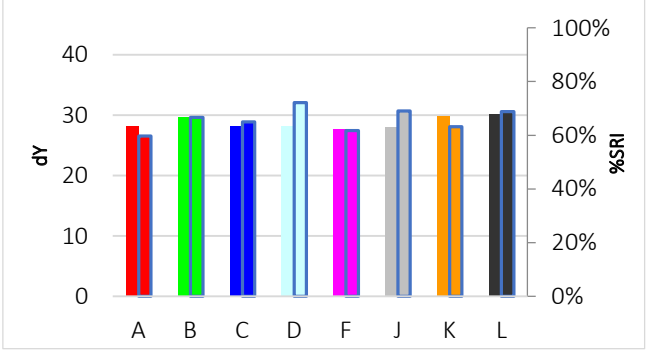


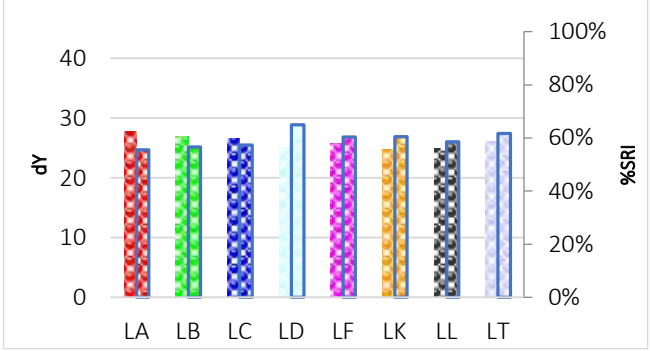


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H181

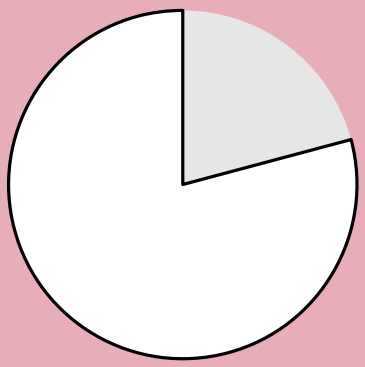
Carbon black

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

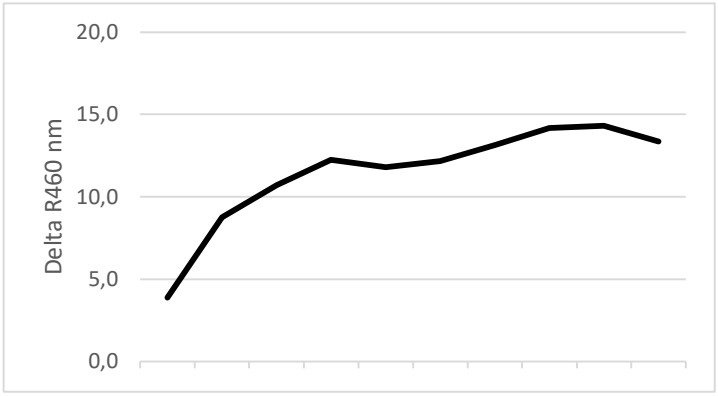
Order Code:	Substrate:	Yu:
C-H181	Woven Cotton (CN-11 w3x)	90,9
KC-H181	Knitted Cotton (CN-42w3x)	94,5

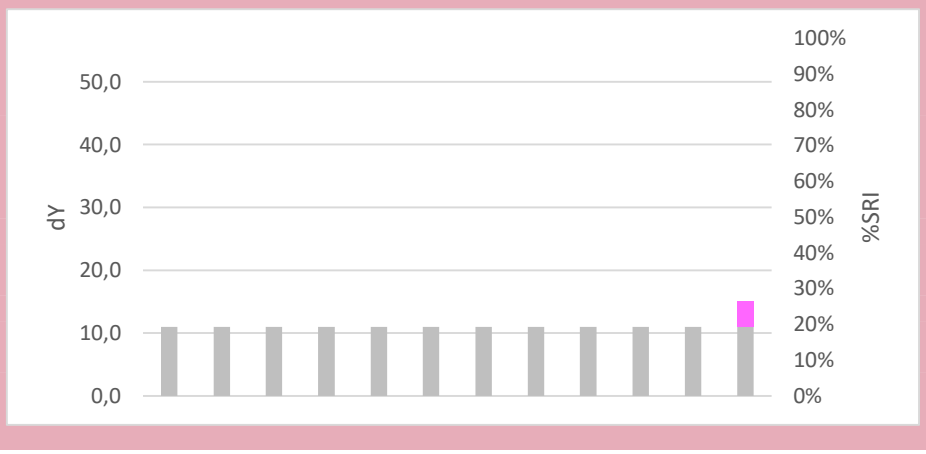
Order Code:	Substrate:	Yu:
PC-H181	Polyester/Cotton (PCN-01w3x)	87,9
P-H181	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

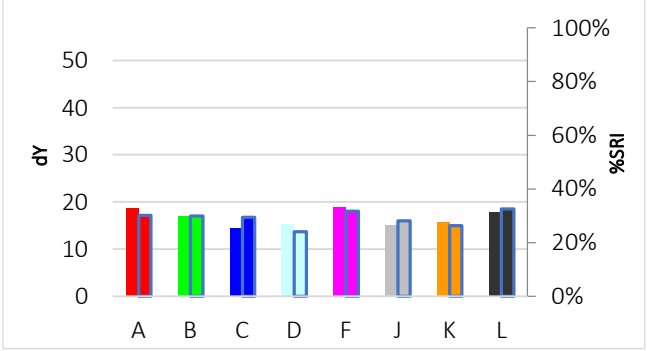


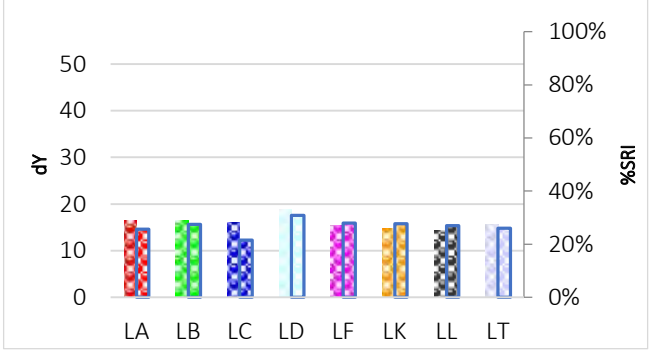


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H182

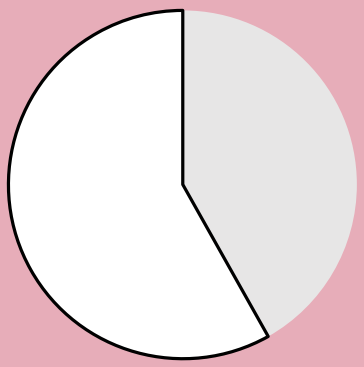
Piccalilli

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

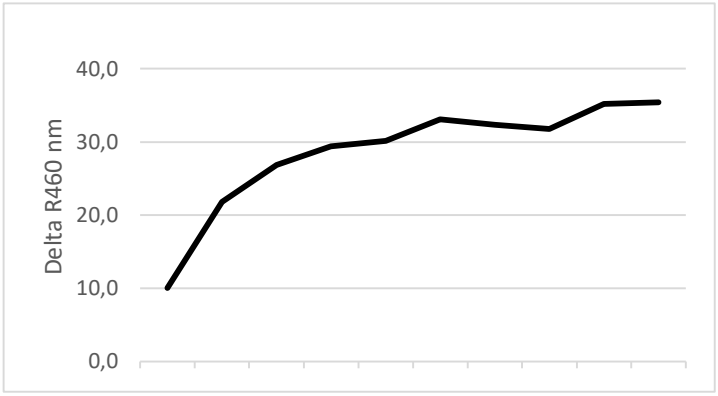
Order Code:	Substrate:	Yu:
C-H182	Woven Cotton (CN-11 w3x)	90,9
KC-H182	Knitted Cotton (CN-42w3x)	94,5

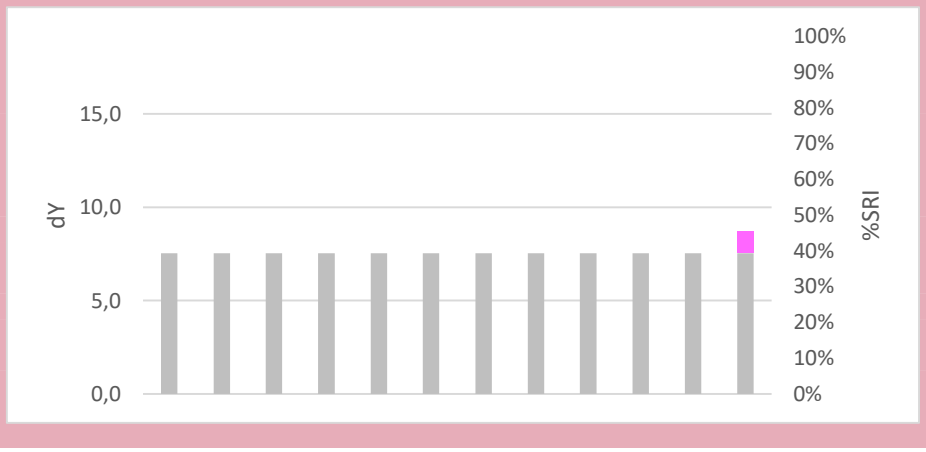
Order Code:	Substrate:	Yu:
PC-H182	Polyester/Cotton (PCN-01w3x)	87,9
P-H182	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

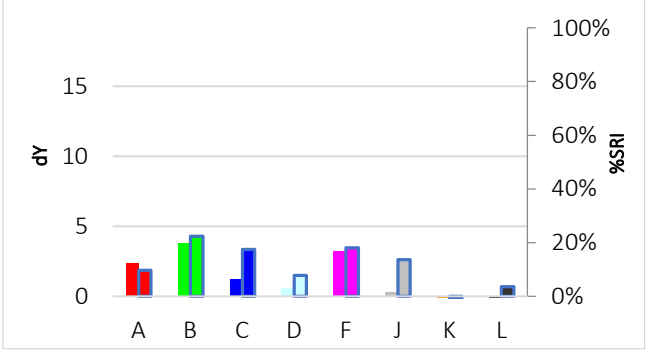


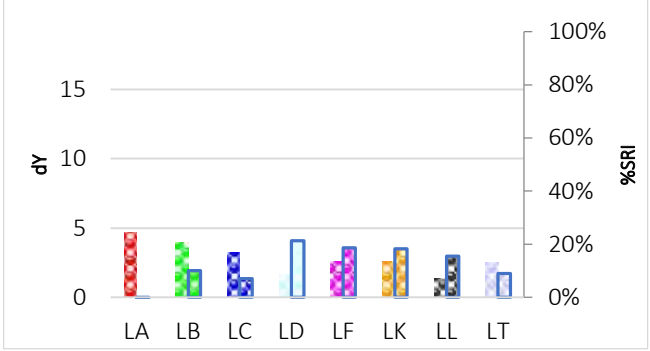


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H183

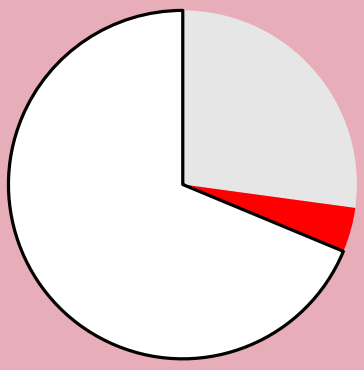
Beef fat, coloured with Sudan red, reduced dye level

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

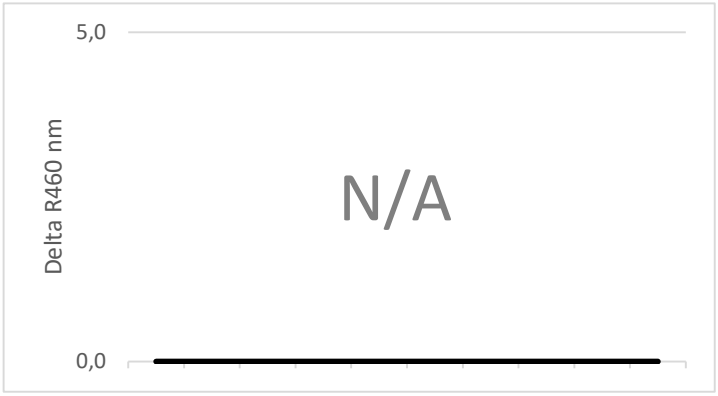
Order Code:	Substrate:	Yu:
C-H183	Woven Cotton (CN-11 w3x)	90,9
KC-H183	Knitted Cotton (CN-42w3x)	94,5

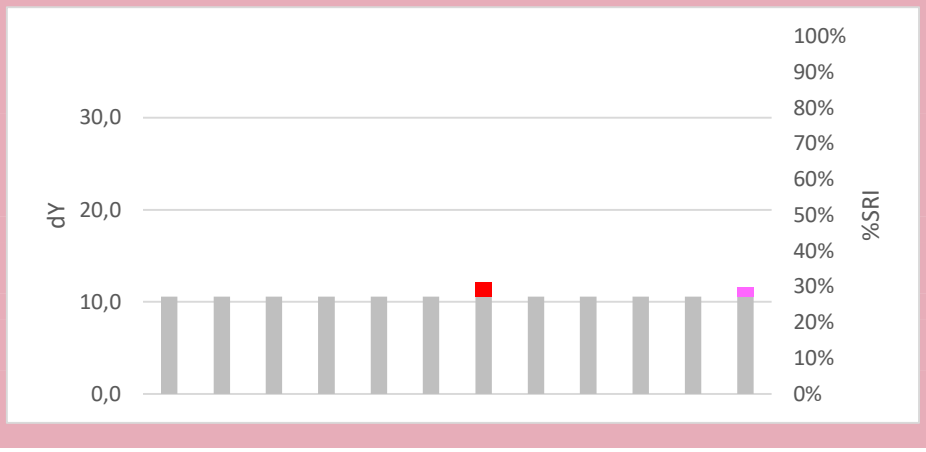
Order Code:	Substrate:	Yu:
PC-H183	Polyester/Cotton (PCN-01w3x)	87,9
P-H183	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

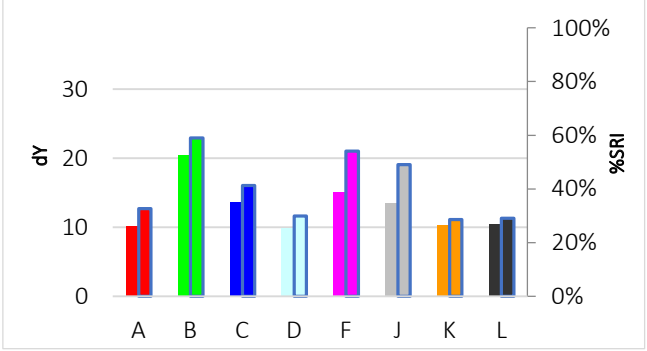


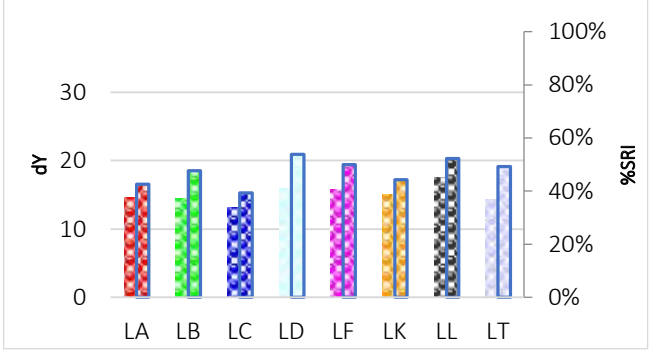


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H183X

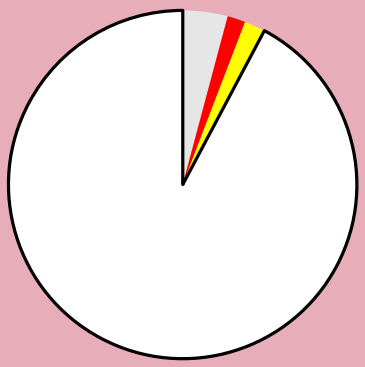
Beef, coloured with safe food colourant, reduced dye level

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

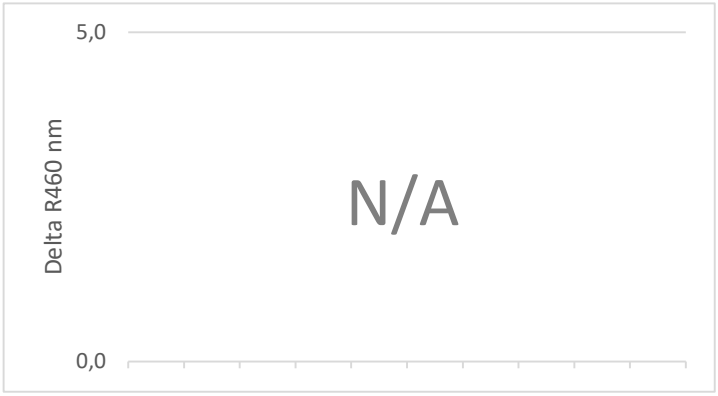
Order Code:	Substrate:	Yu:
C-H183X	Woven Cotton (CN-11 w3x)	90,9
KC-H183X	Knitted Cotton (CN-42w3x)	94,5

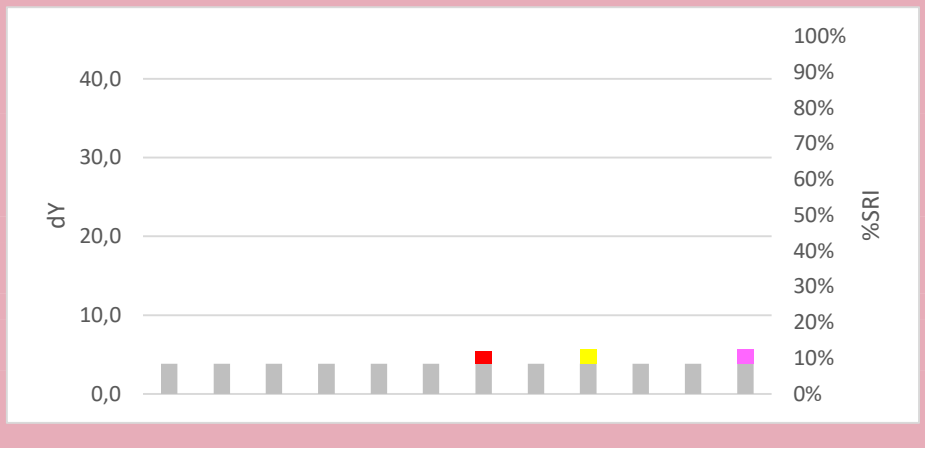
Order Code:	Substrate:	Yu:
PC-H183X	Polyester/Cotton (PCN-01w3x)	87,9
P-H183X	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

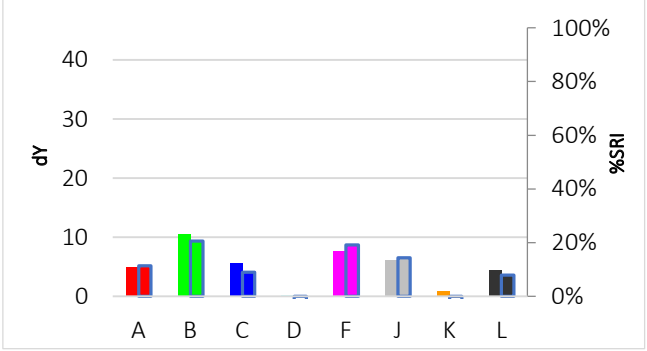


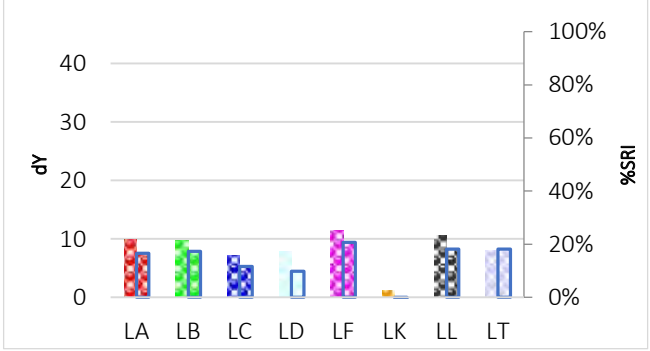


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H184

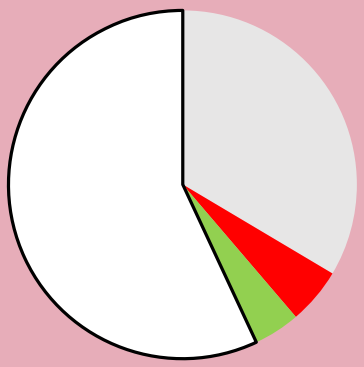
Lard, coloured with Sudan red, reduced dye level

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

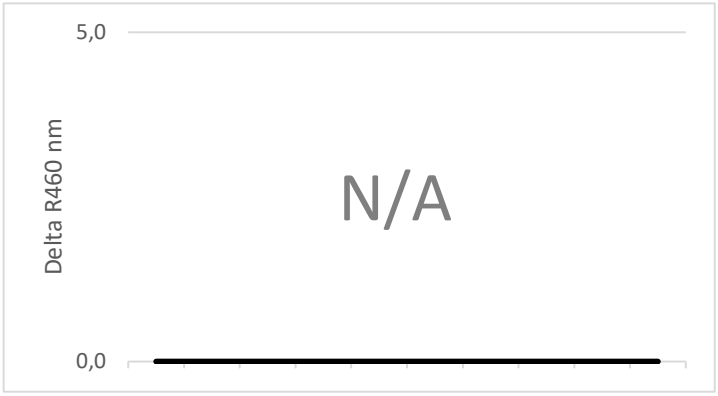
Order Code:	Substrate:	Yu:
C-H184	Woven Cotton (CN-11 w3x)	90,9
KC-H184	Knitted Cotton (CN-42w3x)	94,5

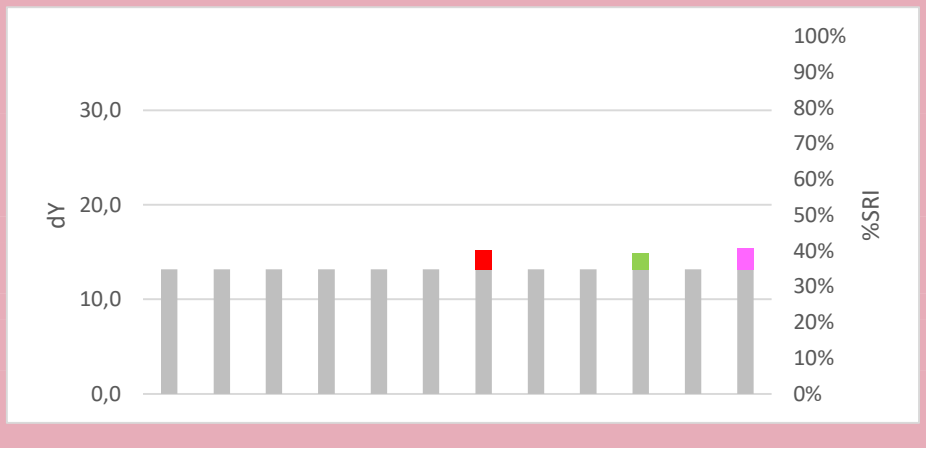
Order Code:	Substrate:	Yu:
PC-H184	Polyester/Cotton (PCN-01w3x)	87,9
P-H184	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

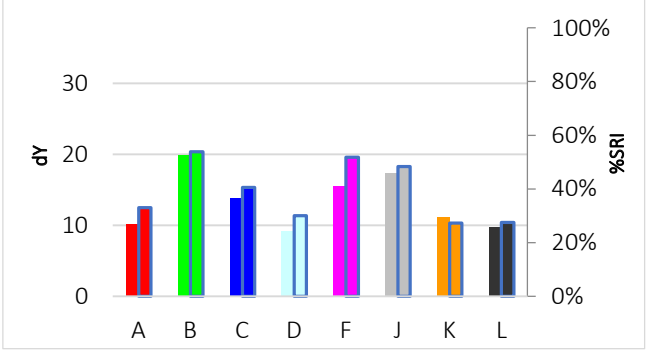


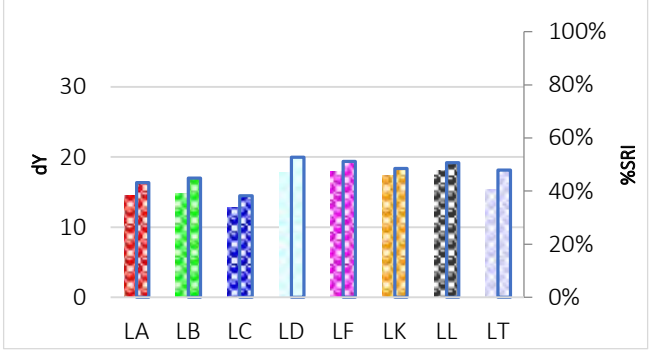


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





This circular stain book has been compiled with the greatest possible care, but no rights can de derived from its contents.

C-H184X

Lard, coloured with safe food colourant, reduced dye level

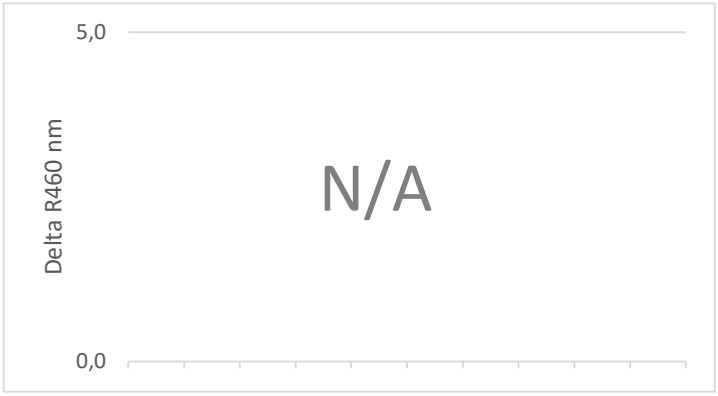
Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

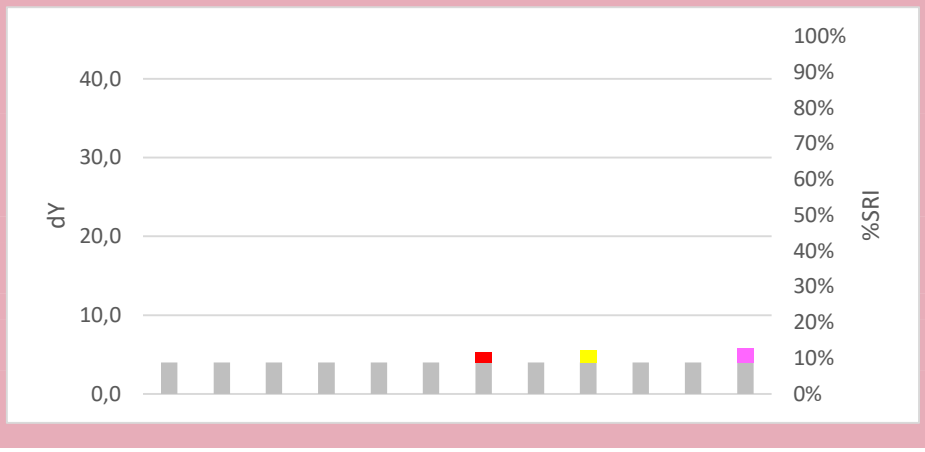
Order Code:	Substrate:	Yu:
C-H184X	Woven Cotton (CN-11 w3x)	90,9
KC-H184X	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H184X	Polyester/Cotton (PCN-01w3x)	87,9
P-H184X	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

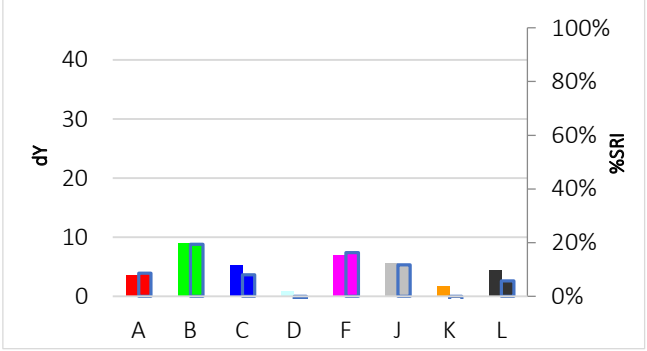


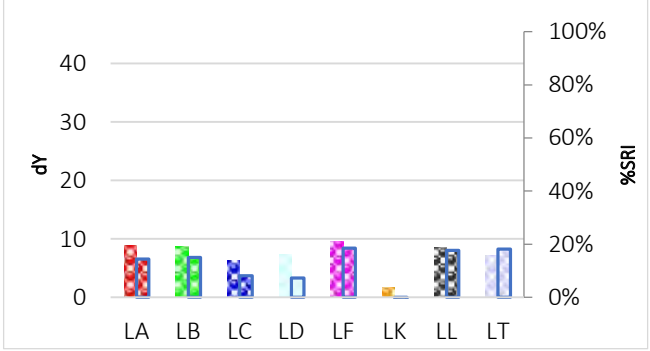


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H185

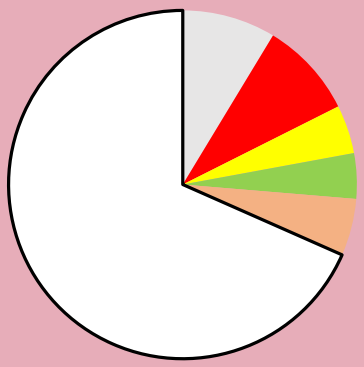
Butterfat, coloured, reduced dye level

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★★
Popularity: ★☆☆☆☆

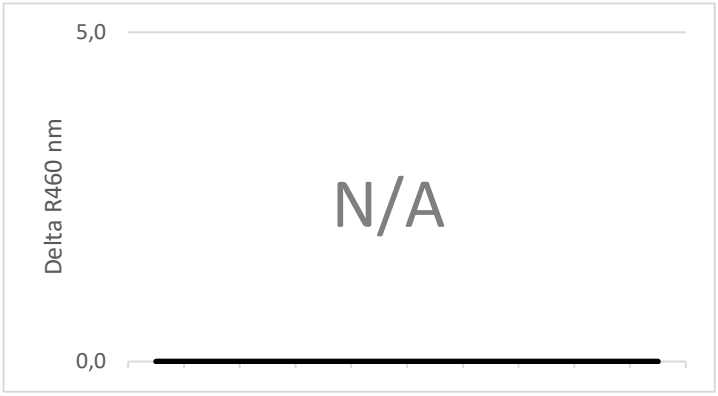
Order Code:	Substrate:	Yu:
C-H185	Woven Cotton (CN-11 w3x)	90,9
KC-H185	Knitted Cotton (CN-42w3x)	94,5

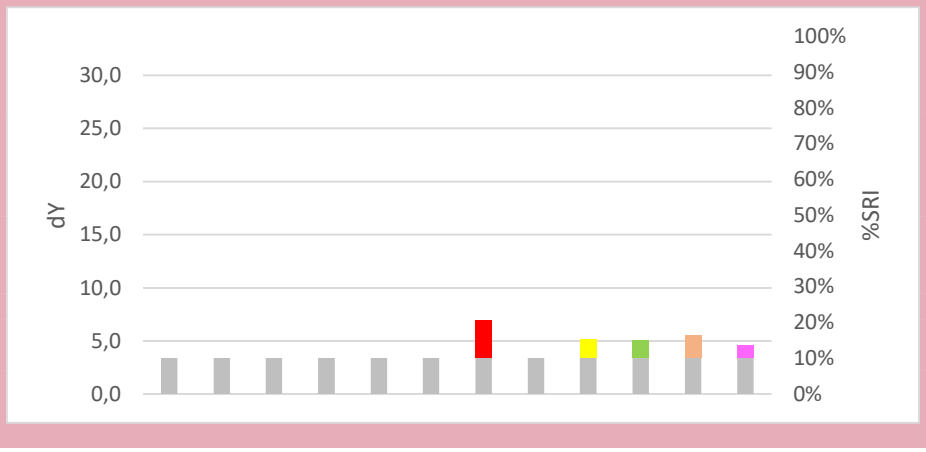
Order Code:	Substrate:	Yu:
PC-H185	Polyester/Cotton (PCN-01w3x)	87,9
P-H185	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

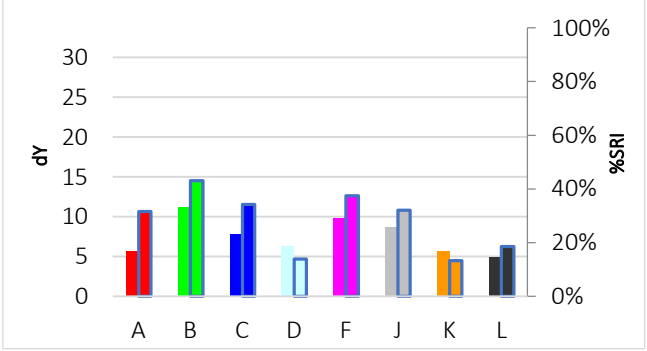


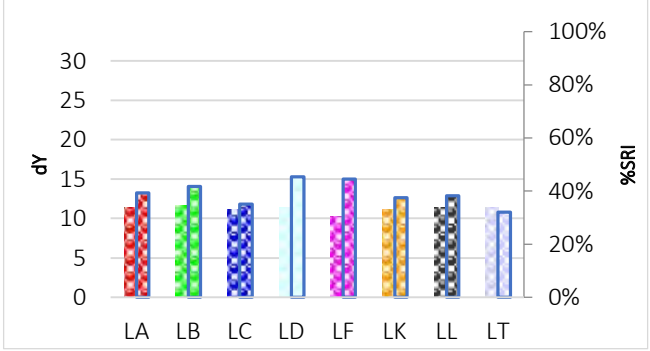


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H186

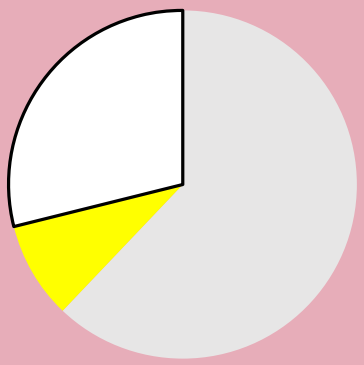
Black laboratory clay

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

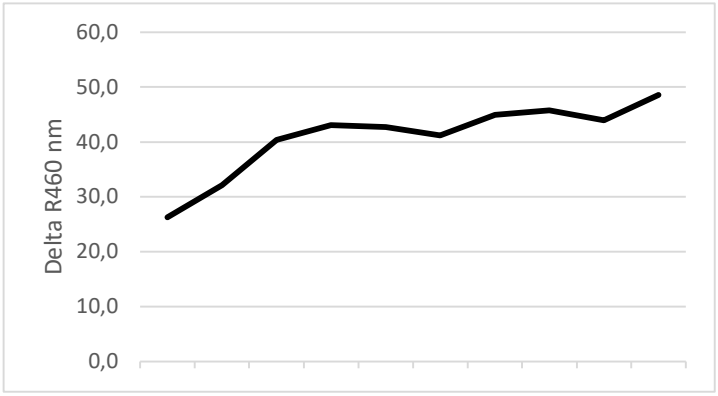
Order Code:	Substrate:	Yu:
C-H186	Woven Cotton (CN-11 w3x)	90,9
KC-H186	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H186	Polyester/Cotton (PCN-01w3x)	87,9
P-H186	Polyester (PN-01 w3x)	86,5

Detergent Component Response



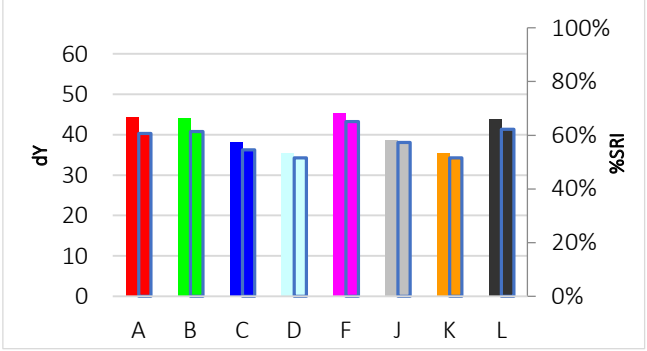
Detergent Dosage/Response & QC

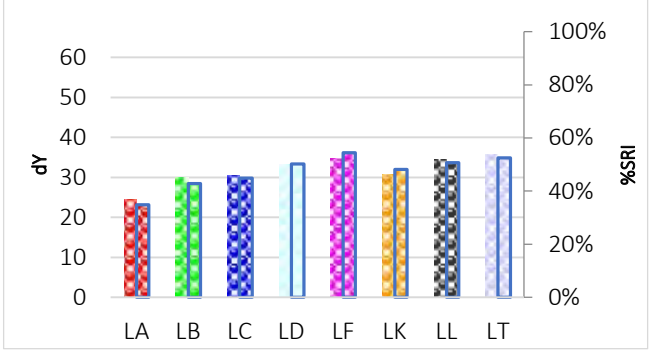


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
This circular stain book has been compiled with the greatest possible care, but no rights can de derived from its contents.

C-H187

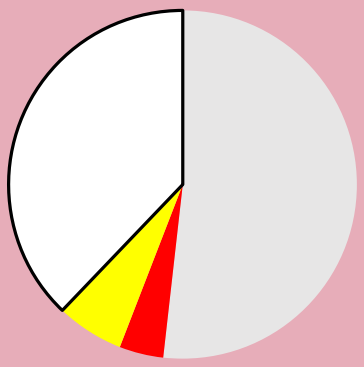
Burnt butter

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

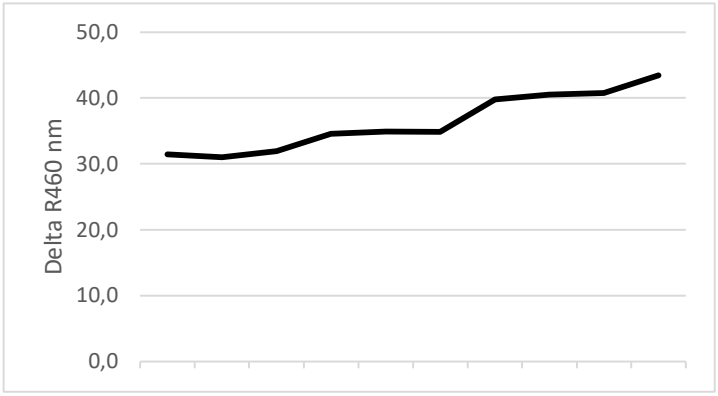
Order Code:	Substrate:	Yu:
C-H187	Woven Cotton (CN-11 w3x)	90,9
KC-H187	Knitted Cotton (CN-42w3x)	94,5

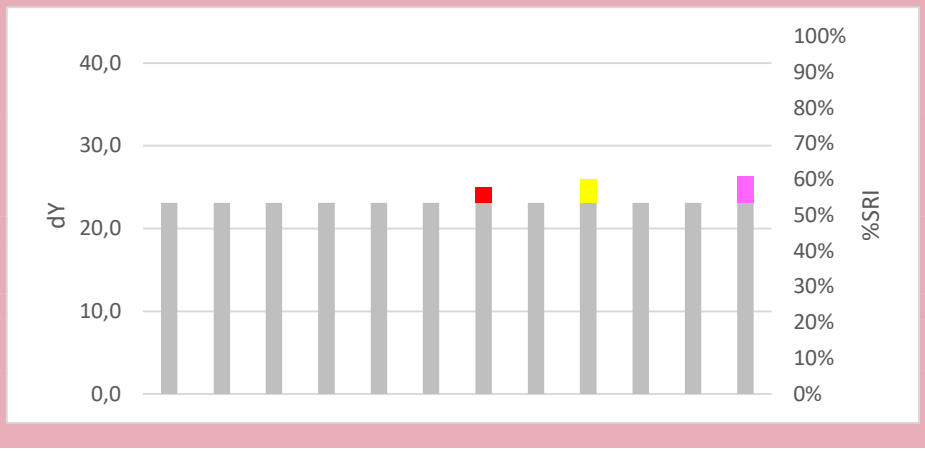
Order Code:	Substrate:	Yu:
PC-H187	Polyester/Cotton (PCN-01w3x)	87,9
P-H187	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

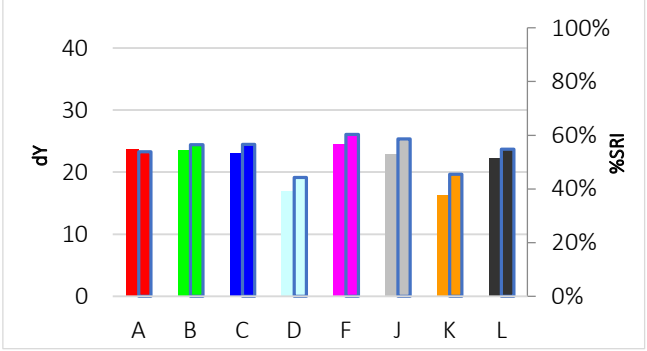


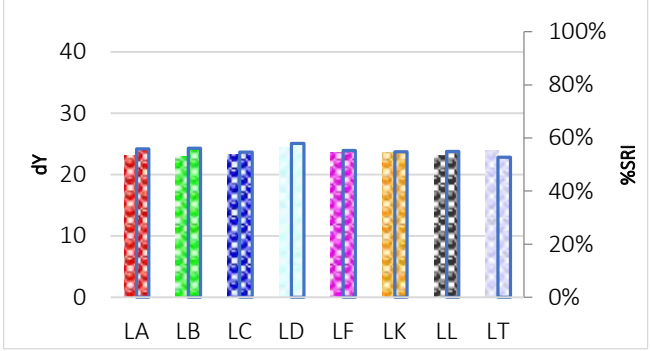


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H188

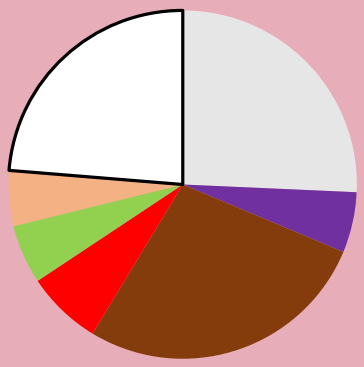
Mayonnaise with carbon black

Discriminative Power: ★★★★★
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

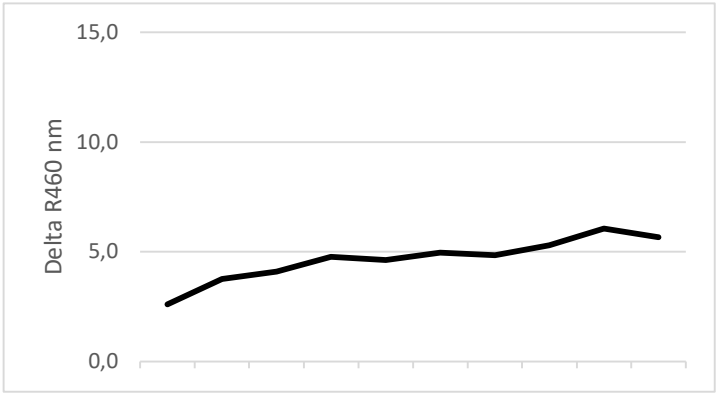
Order Code:	Substrate:	Yu:
C-H188	Woven Cotton (CN-11 w3x)	90,9
KC-H188	Knitted Cotton (CN-42w3x)	94,5

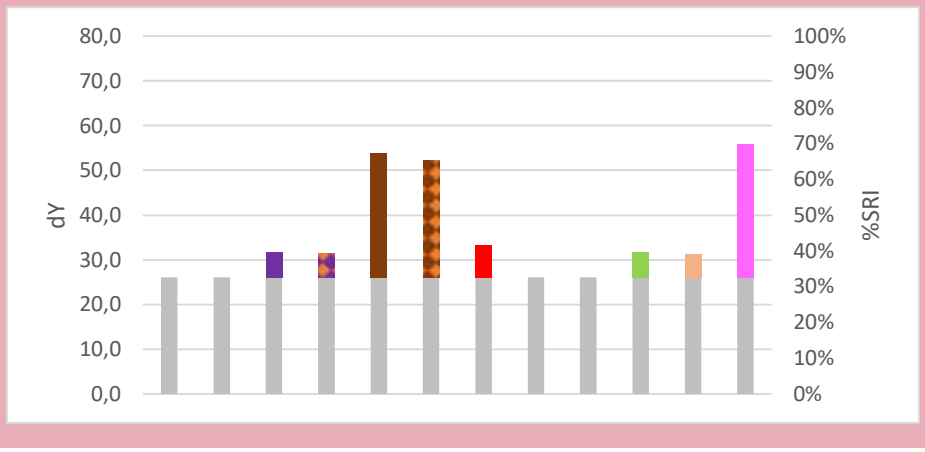
Order Code:	Substrate:	Yu:
PC-H188	Polyester/Cotton (PCN-01w3x)	87,9
P-H188	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

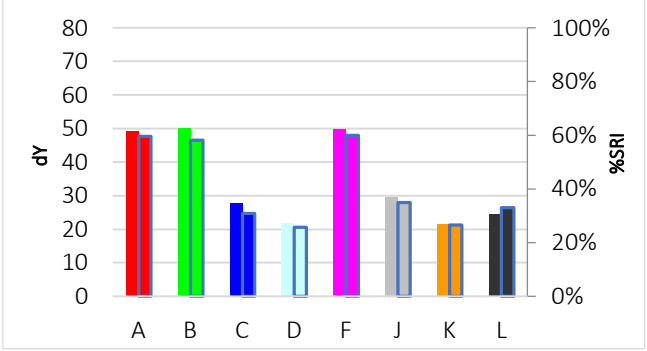


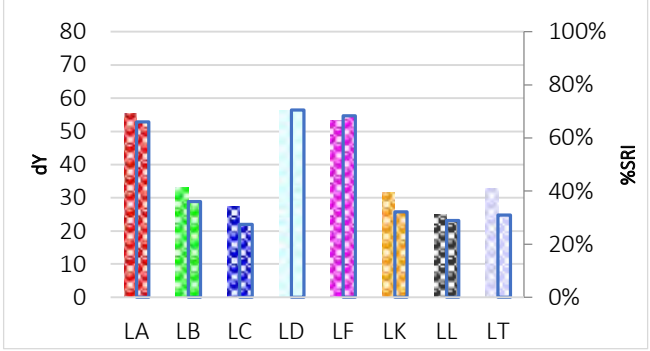


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H189

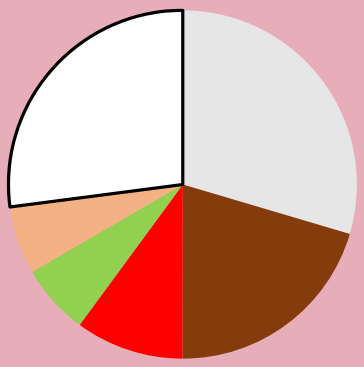
Salad dressing with natural black

Discriminative Power: ★★★★★
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

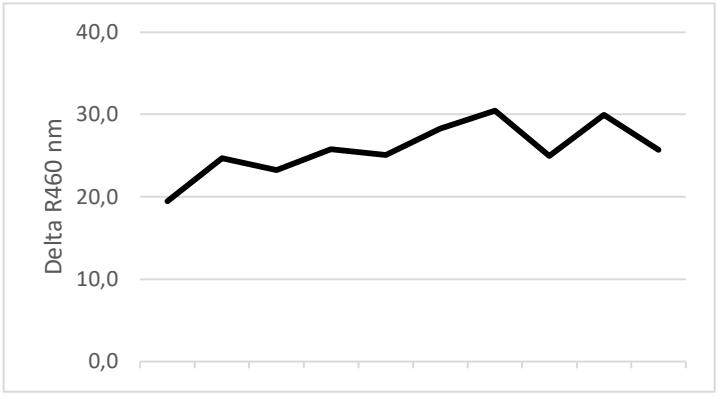
Order Code:	Substrate:	Yu:
C-H189	Woven Cotton (CN-11 w3x)	90,9
KC-H189	Knitted Cotton (CN-42w3x)	94,5

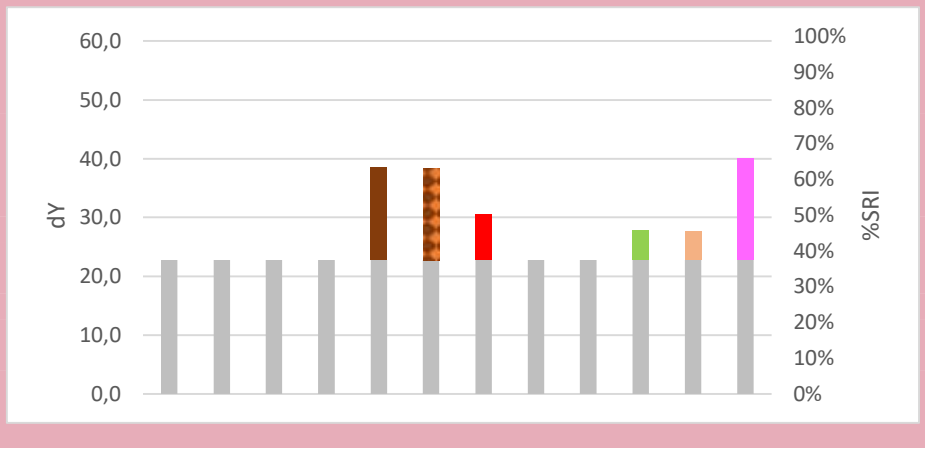
Order Code:	Substrate:	Yu:
PC-H189	Polyester/Cotton (PCN-01w3x)	87,9
P-H189	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

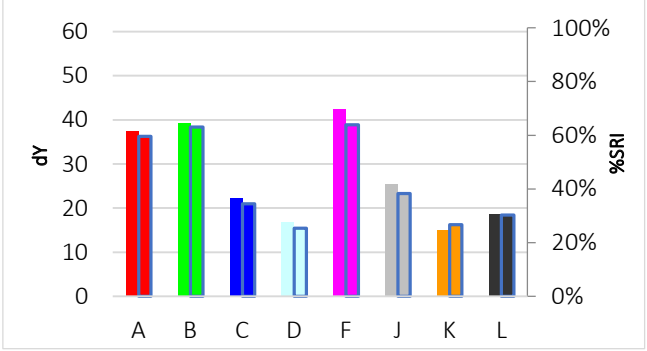


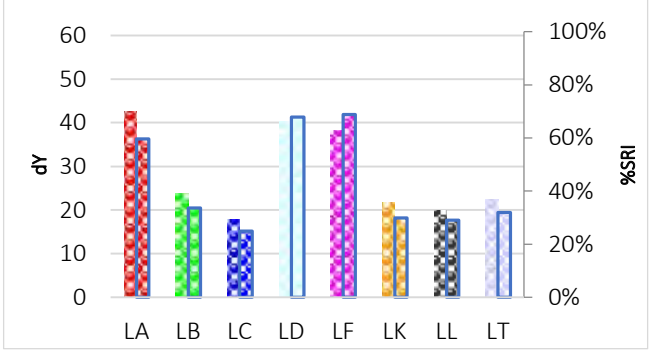


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H190

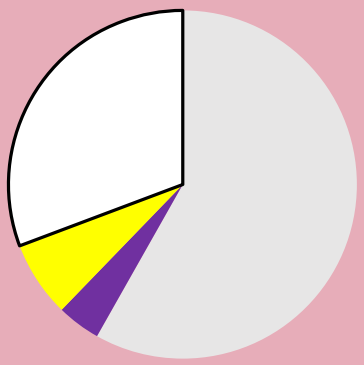
Grass with extra chlorophyl

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

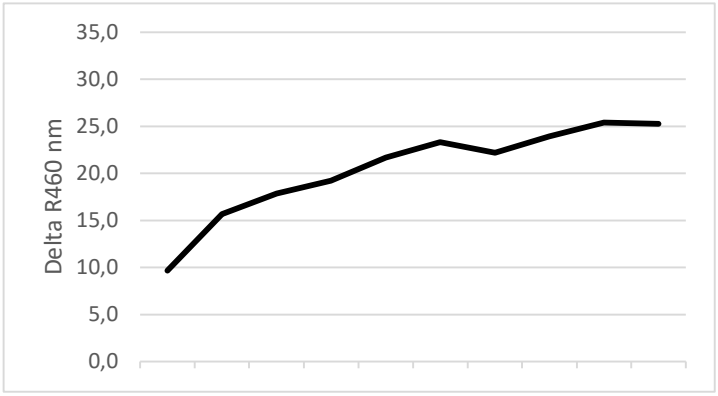
Order Code:	Substrate:	Yu:
C-H190	Woven Cotton (CN-11 w3x)	90,9
KC-H190	Knitted Cotton (CN-42w3x)	94,5

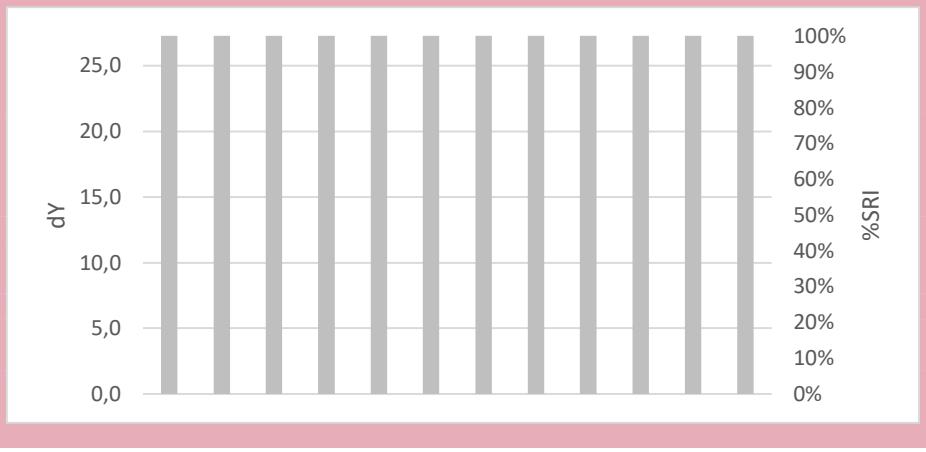
Order Code:	Substrate:	Yu:
PC-H190	Polyester/Cotton (PCN-01w3x)	87,9
P-H190	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

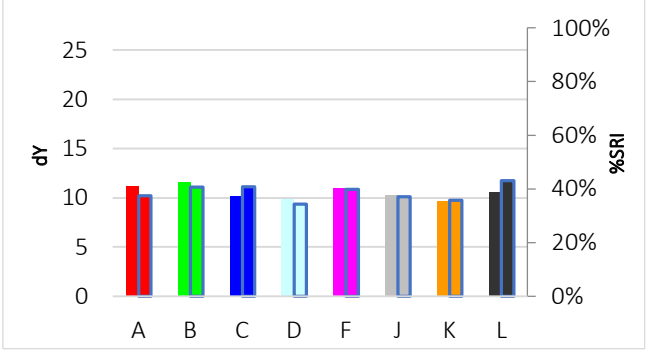


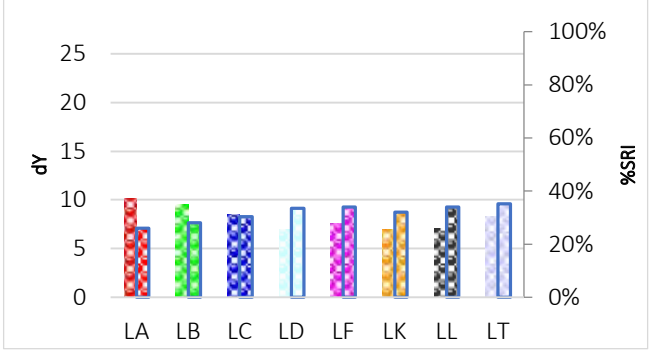


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





This circular stain book has been compiled with the greatest possible care, but no rights can de derived from its contents.

C-H191

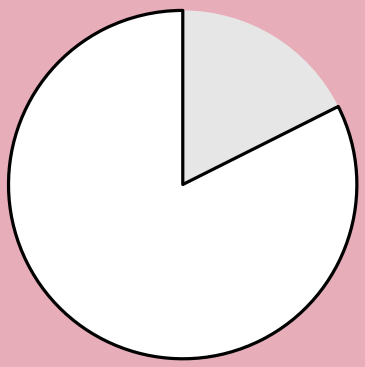
Yellow modelling clay

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

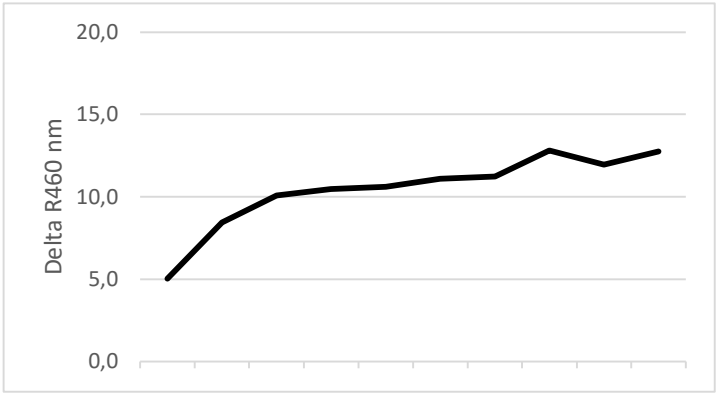
Order Code:	Substrate:	Yu:
C-H191	Woven Cotton (CN-11 w3x)	90,9
KC-H191	Knitted Cotton (CN-42w3x)	94,5

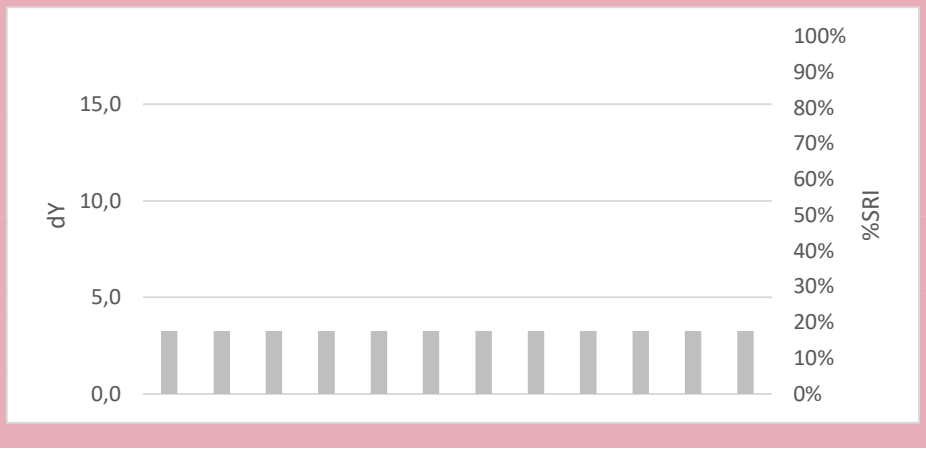
Order Code:	Substrate:	Yu:
PC-H191	Polyester/Cotton (PCN-01w3x)	87,9
P-H191	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

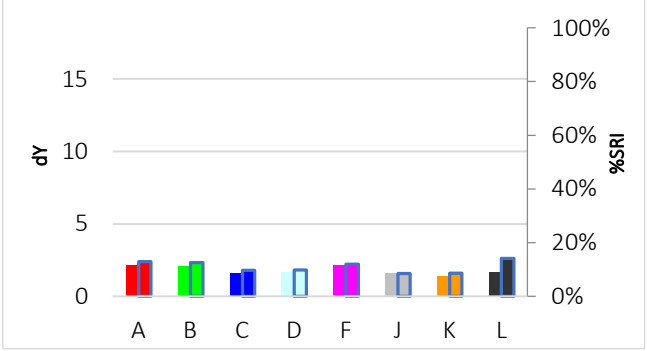


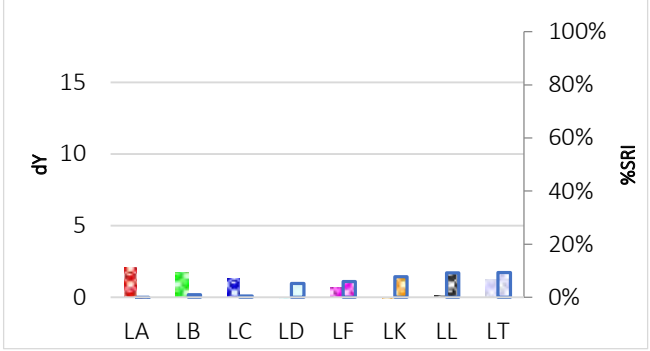


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H192

Curry, paneer mahkani

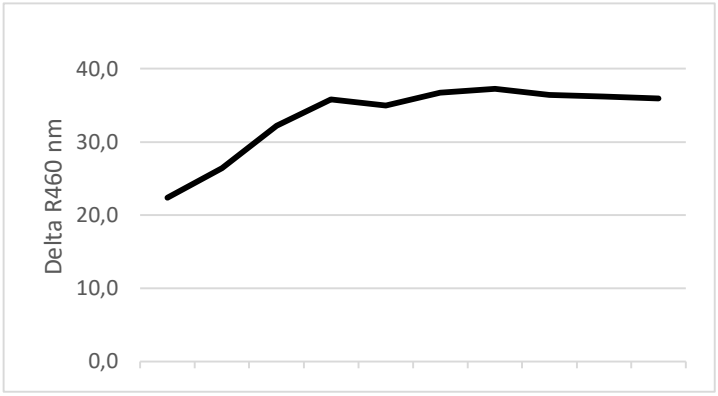
Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

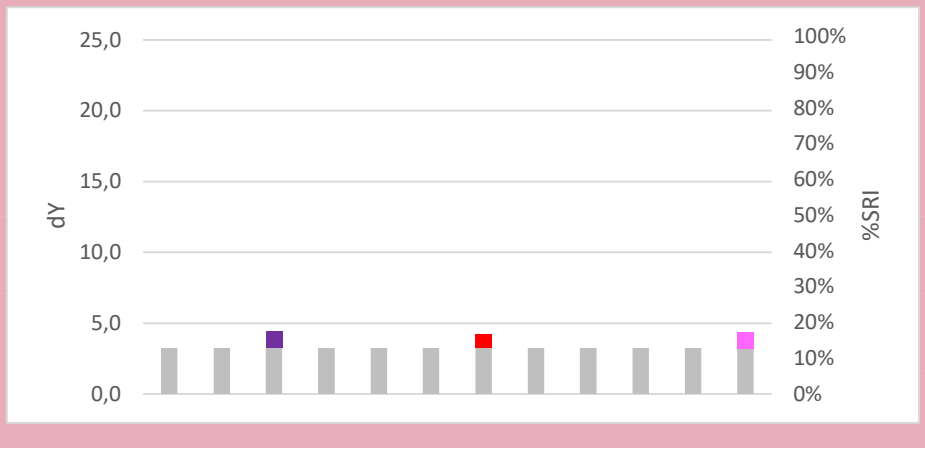
Order Code:	Substrate:	Yu:
C-H192	Woven Cotton (CN-11 w3x)	90,9
KC-H192	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H192	Polyester/Cotton (PCN-01w3x)	87,9
P-H192	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

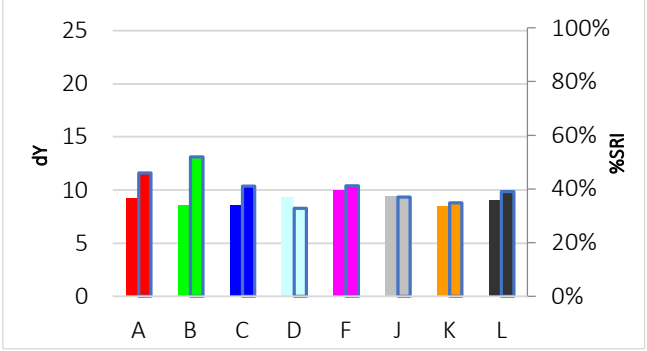


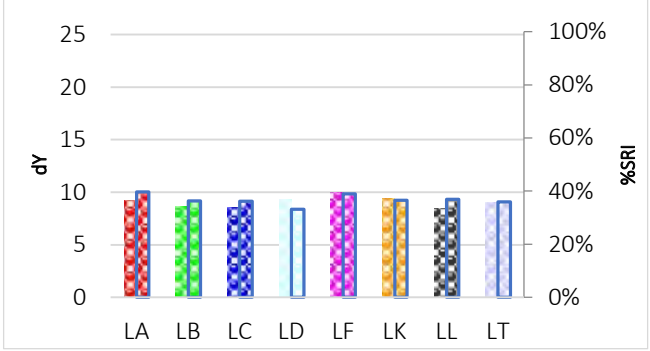


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H193

Curry, chicken bhuma

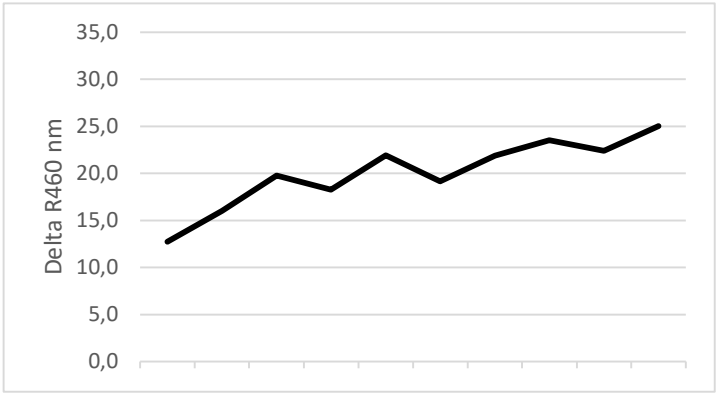
Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

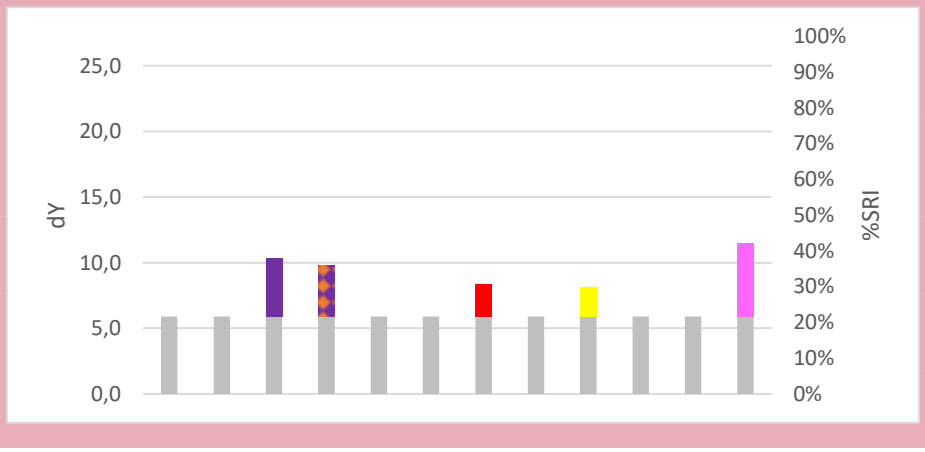
Order Code:	Substrate:	Yu:
C-H193	Woven Cotton (CN-11 w3x)	90,9
KC-H193	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H193	Polyester/Cotton (PCN-01w3x)	87,9
P-H193	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

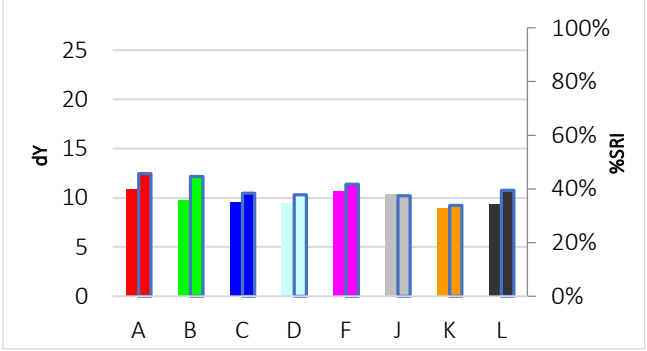


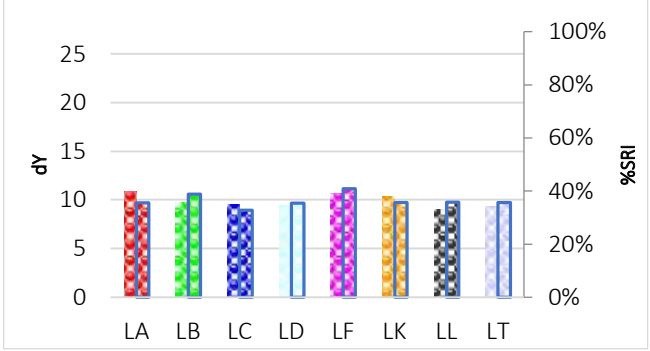


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H194

Curry, chicken biryani

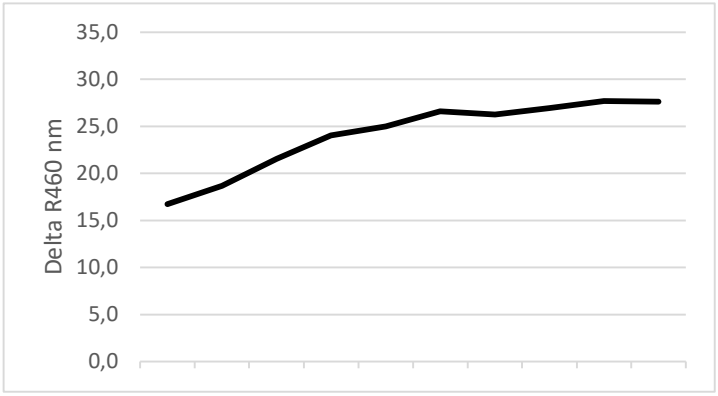
Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

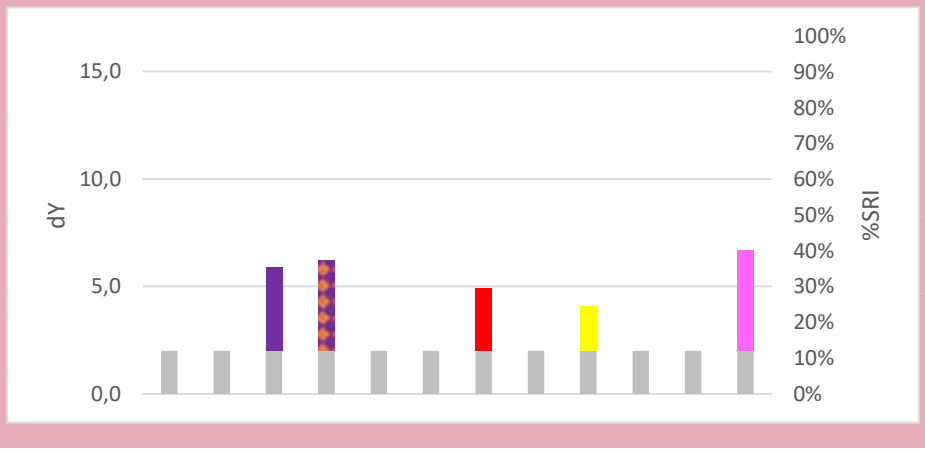
Order Code:	Substrate:	Yu:
C-H194	Woven Cotton (CN-11 w3x)	90,9
KC-H194	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H194	Polyester/Cotton (PCN-01w3x)	87,9
P-H194	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

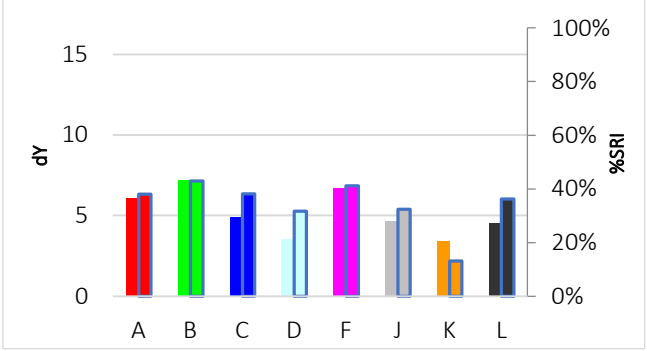


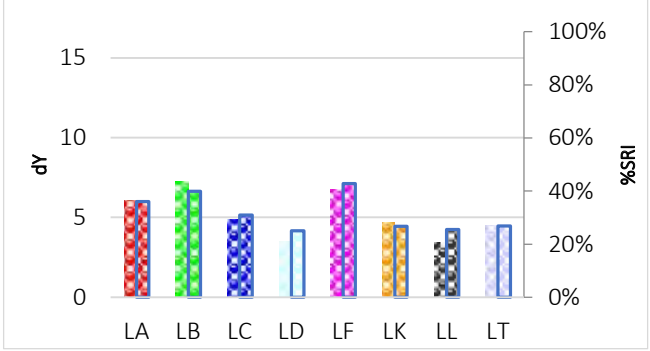


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H195

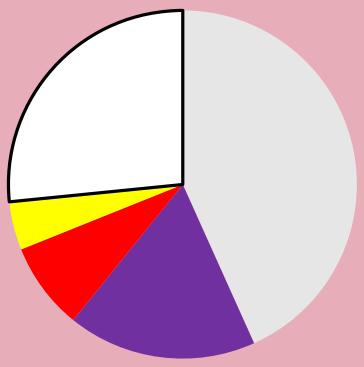
Curry, dopiaza

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

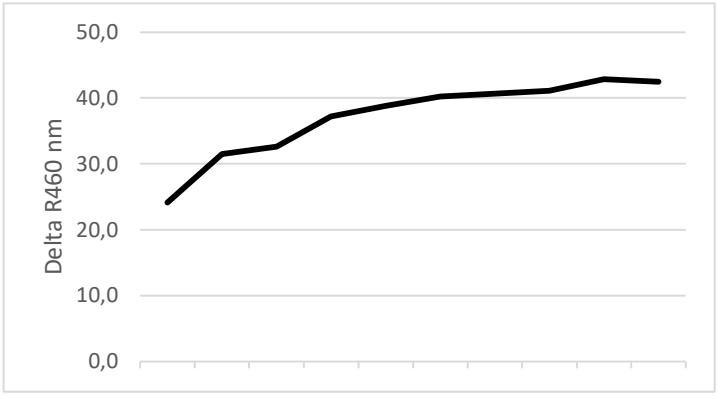
Order Code:	Substrate:	Yu:
C-H195	Woven Cotton (CN-11 w3x)	90,9
KC-H195	Knitted Cotton (CN-42w3x)	94,5

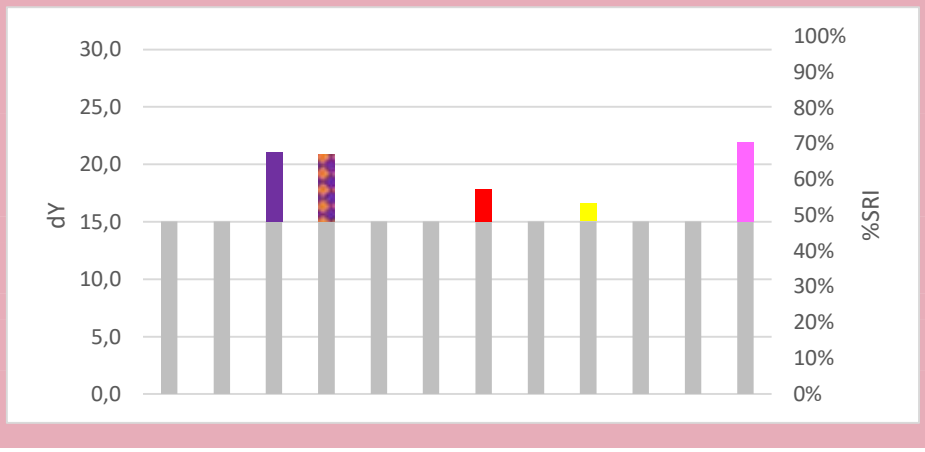
Order Code:	Substrate:	Yu:
PC-H195	Polyester/Cotton (PCN-01w3x)	87,9
P-H195	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

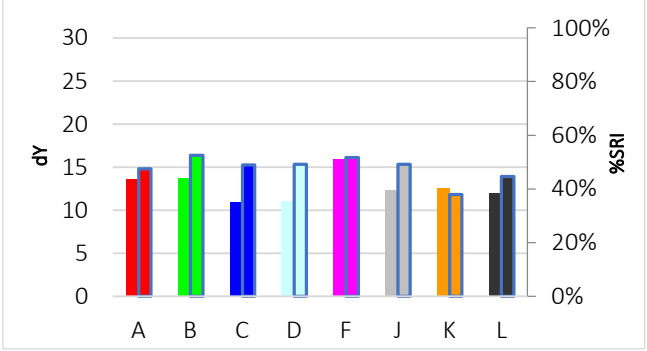


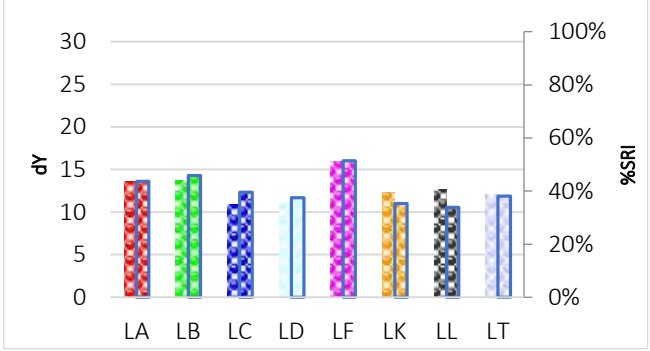


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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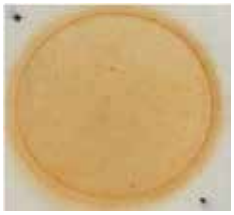
C-H196

Tabasco

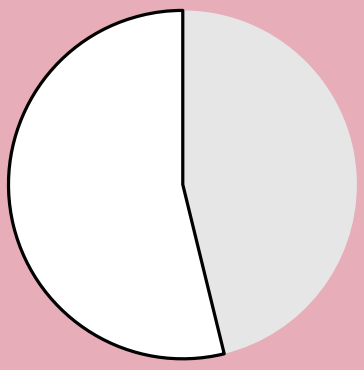


Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

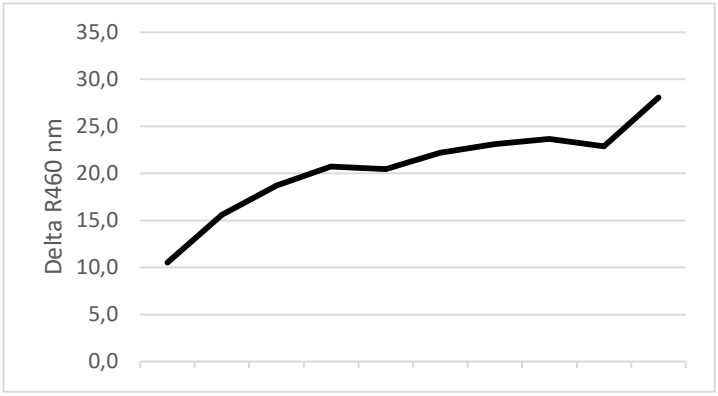
Order Code:	Substrate:	Yu:
C-H196	Woven Cotton (CN-11 w3x)	90,9
KC-H196	Knitted Cotton (CN-42w3x)	94,5

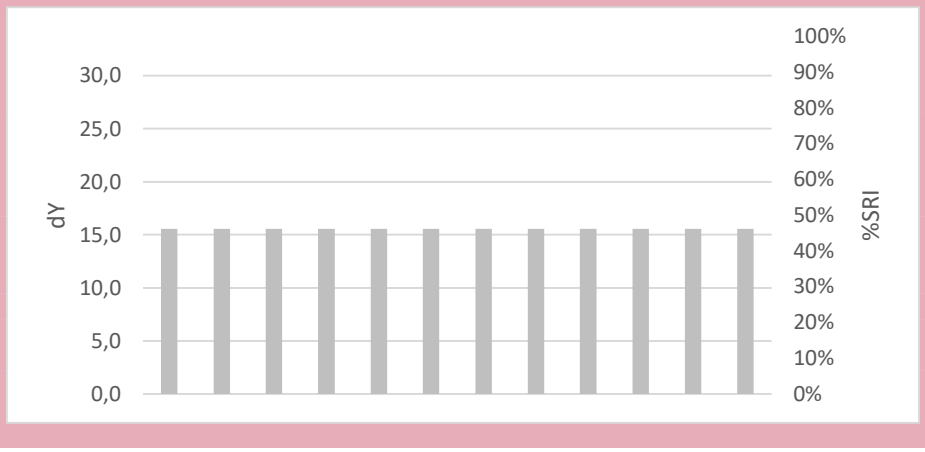
Order Code:	Substrate:	Yu:
PC-H196	Polyester/Cotton (PCN-01w3x)	87,9
P-H196	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

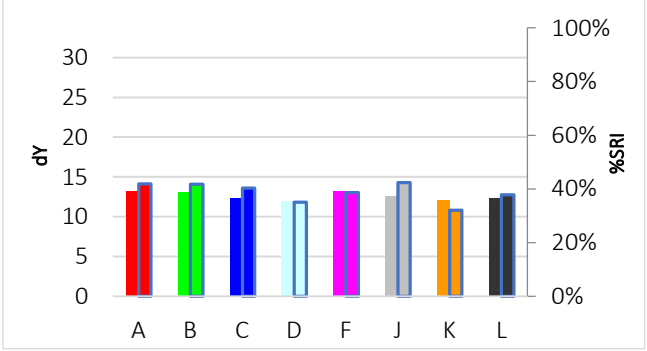


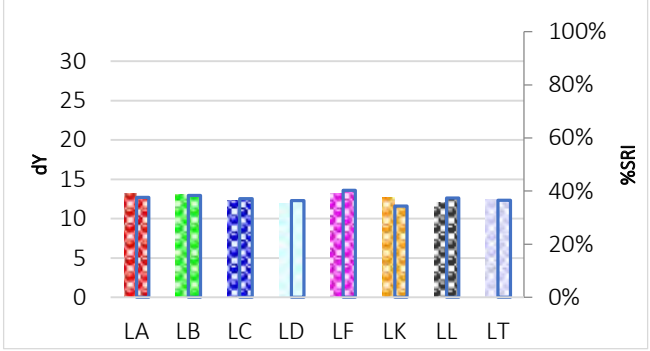


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT CENTER FOR TESTMATERIALS *This circular stain book has been compiled with the greatest possible care, but no rights can de derived from its contents.*

C-H197

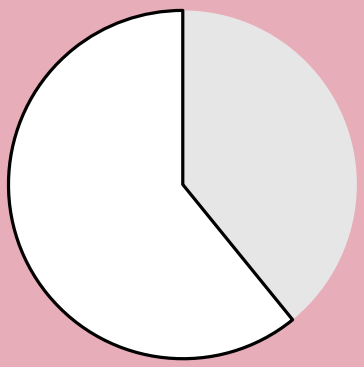
Chili, fresh

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

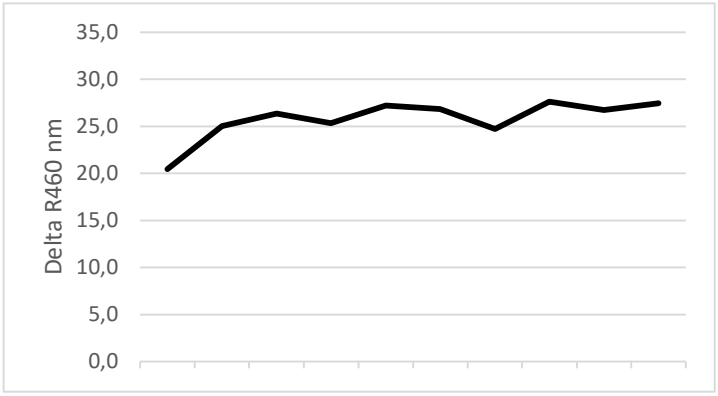
Order Code:	Substrate:	Yu:
C-H197	Woven Cotton (CN-11 w3x)	90,9
KC-H197	Knitted Cotton (CN-42w3x)	94,5

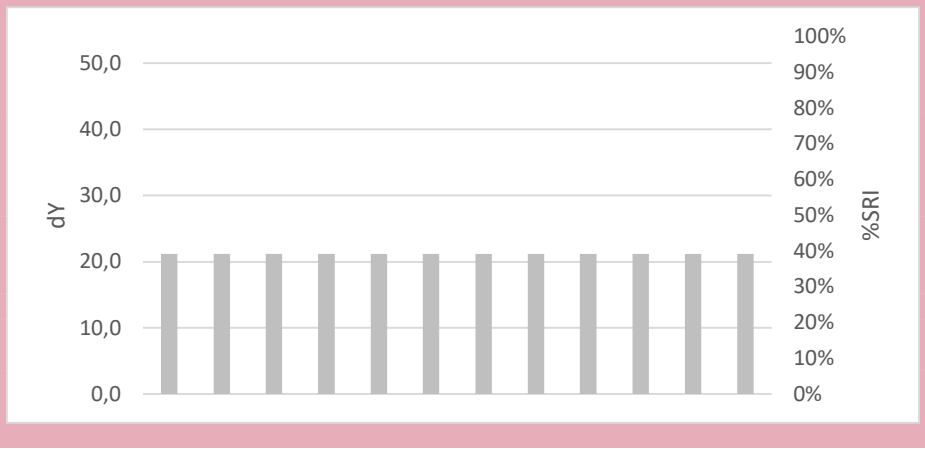
Order Code:	Substrate:	Yu:
PC-H197	Polyester/Cotton (PCN-01w3x)	87,9
P-H197	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

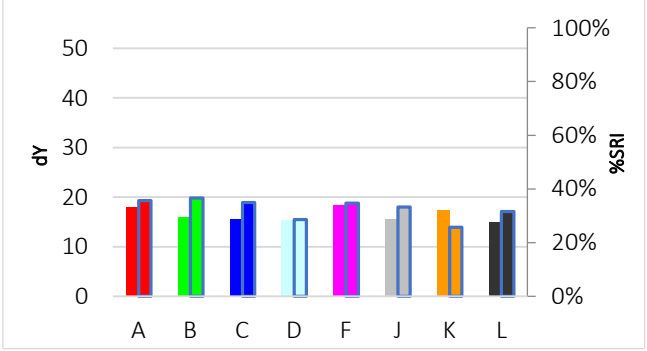


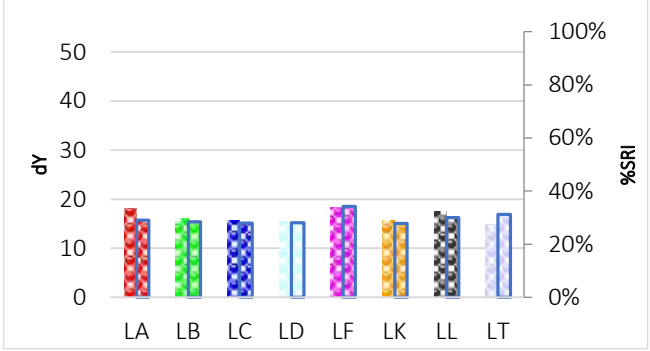


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H198

Chili oil

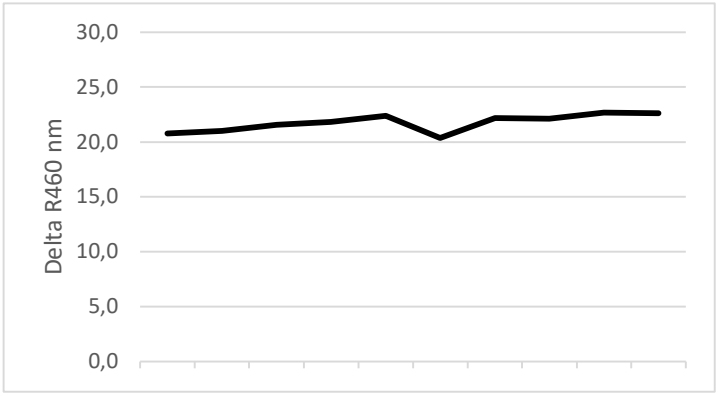
Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

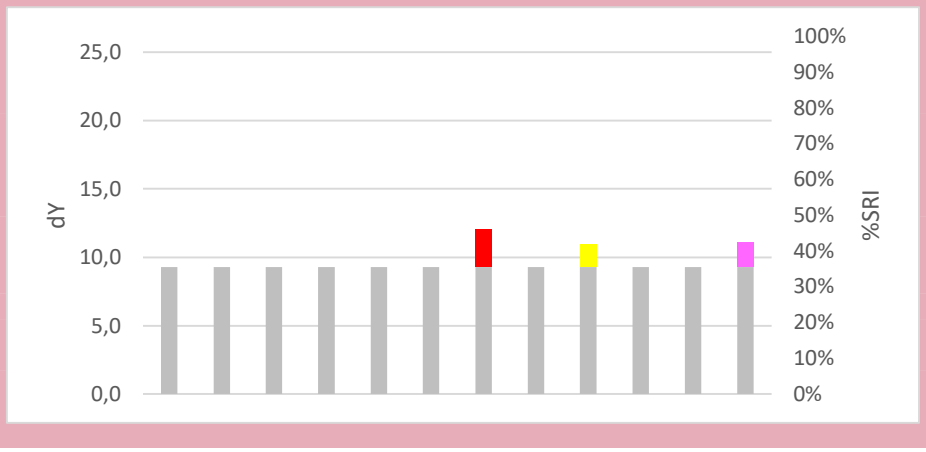
Order Code:	Substrate:	Yu:
C-H198	Woven Cotton (CN-11 w3x)	90,9
KC-H198	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H198	Polyester/Cotton (PCN-01w3x)	87,9
P-H198	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

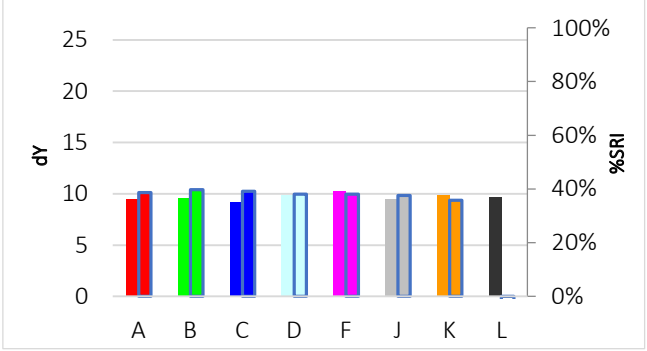


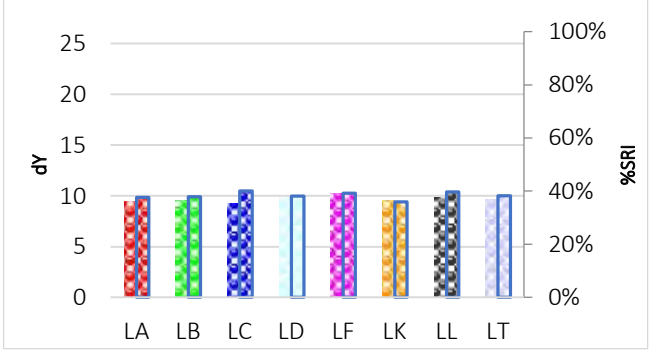


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H199

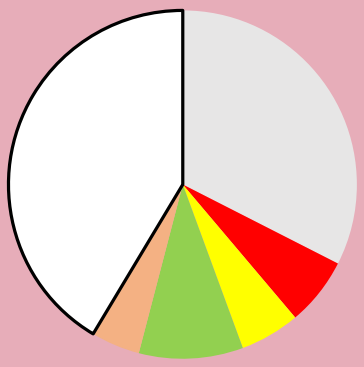
Chorizo

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

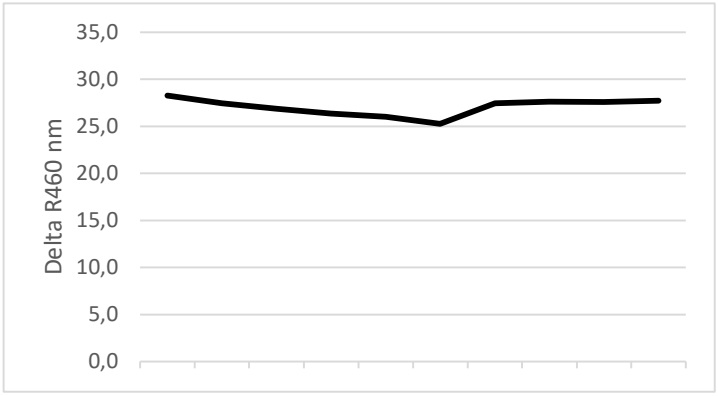
Order Code:	Substrate:	Yu:
C-H199	Woven Cotton (CN-11 w3x)	90,9
KC-H199	Knitted Cotton (CN-42w3x)	94,5

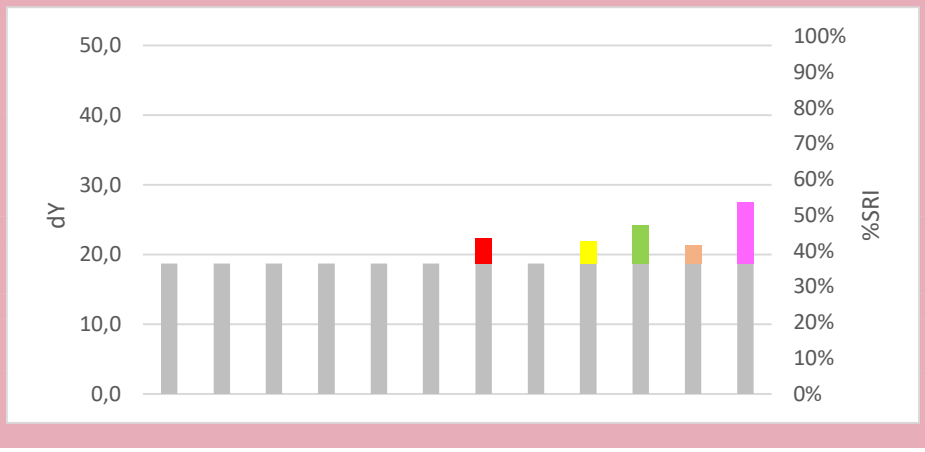
Order Code:	Substrate:	Yu:
PC-H199	Polyester/Cotton (PCN-01w3x)	87,9
P-H199	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

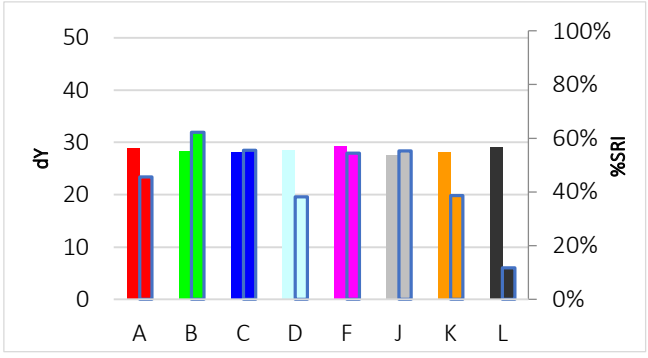


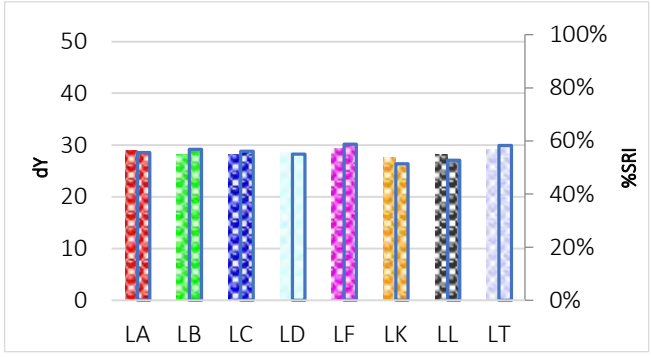


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H200

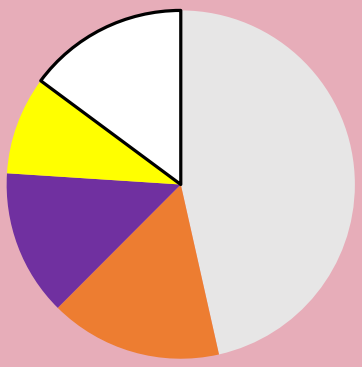
Starch, coloured with acai berry

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

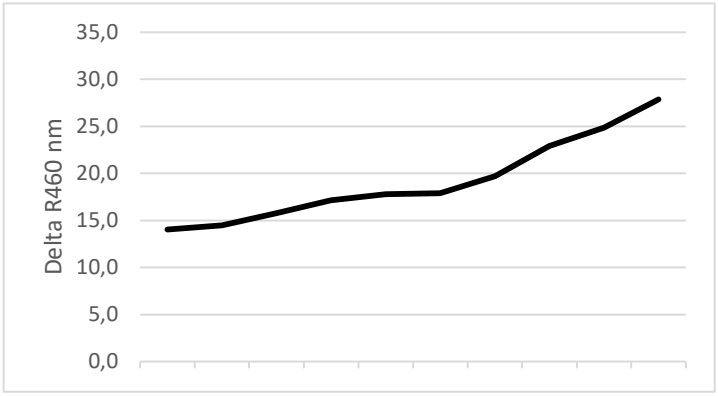
Order Code:	Substrate:	Yu:
C-H200	Woven Cotton (CN-11 w3x)	90,9
KC-H200	Knitted Cotton (CN-42w3x)	94,5

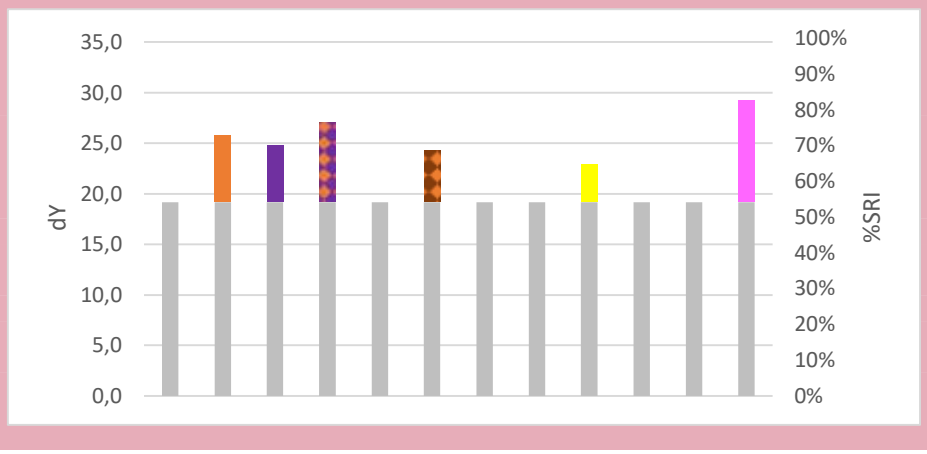
Order Code:	Substrate:	Yu:
PC-H200	Polyester/Cotton (PCN-01w3x)	87,9
P-H200	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

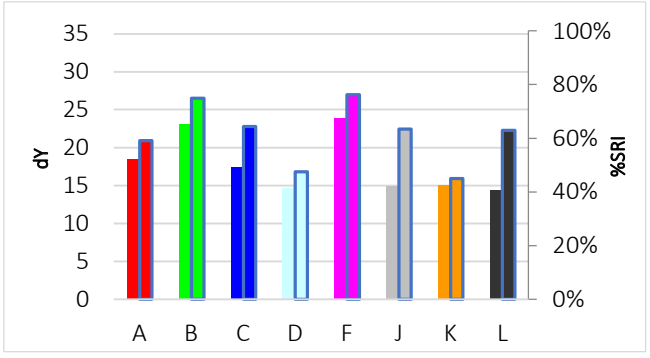


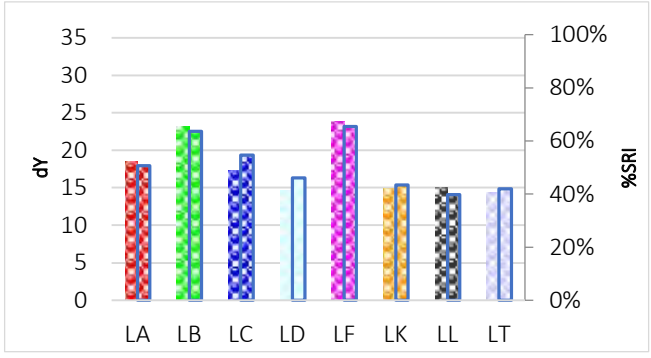


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H201

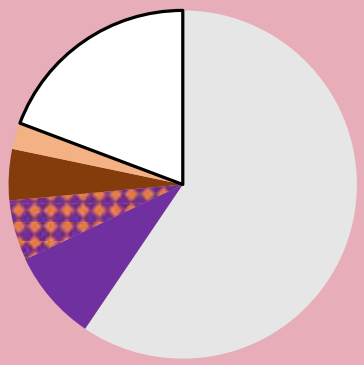
Acai berries

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

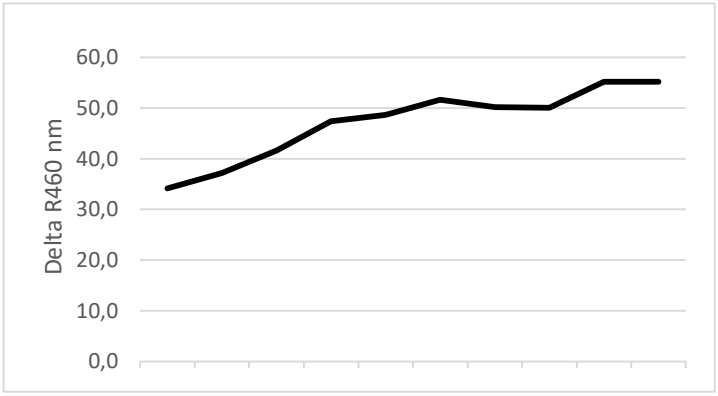
Order Code:	Substrate:	Yu:
C-H201	Woven Cotton (CN-11 w3x)	90,9
KC-H201	Knitted Cotton (CN-42w3x)	94,5

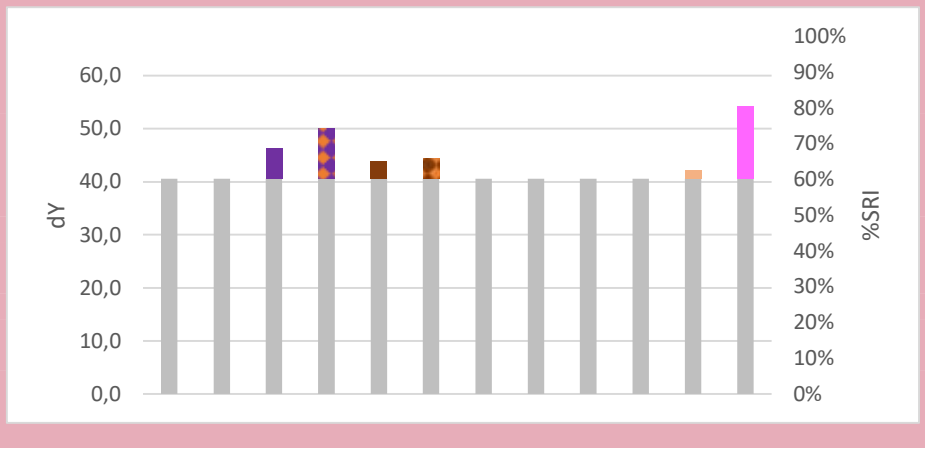
Order Code:	Substrate:	Yu:
PC-H201	Polyester/Cotton (PCN-01w3x)	87,9
P-H201	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

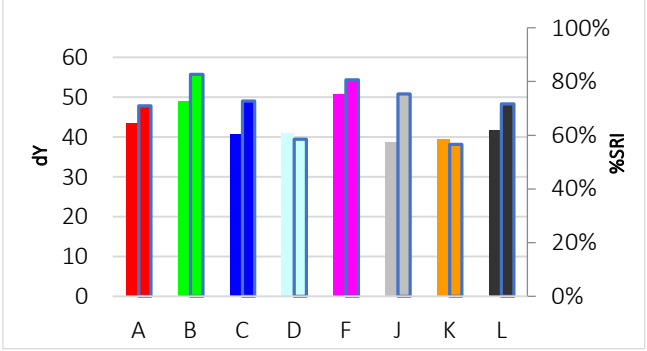


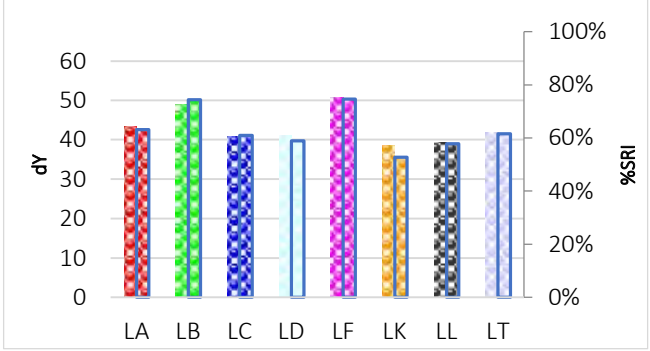


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H202

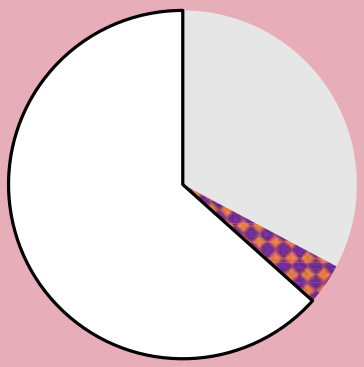
Starch, coloured with saffron

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

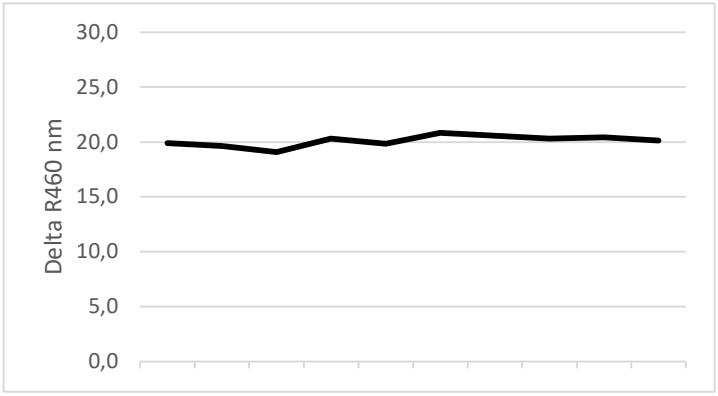
Order Code:	Substrate:	Yu:
C-H202	Woven Cotton (CN-11 w3x)	90,9
KC-H202	Knitted Cotton (CN-42w3x)	94,5

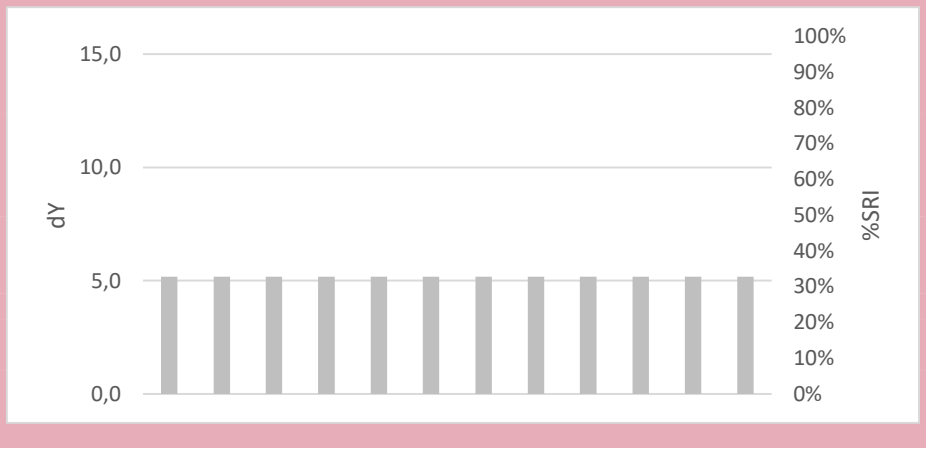
Order Code:	Substrate:	Yu:
PC-H202	Polyester/Cotton (PCN-01w3x)	87,9
P-H202	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

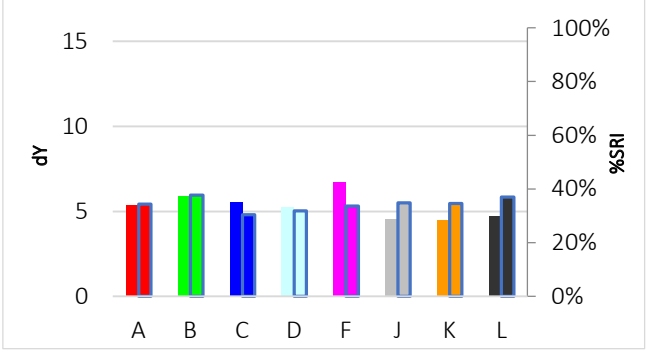


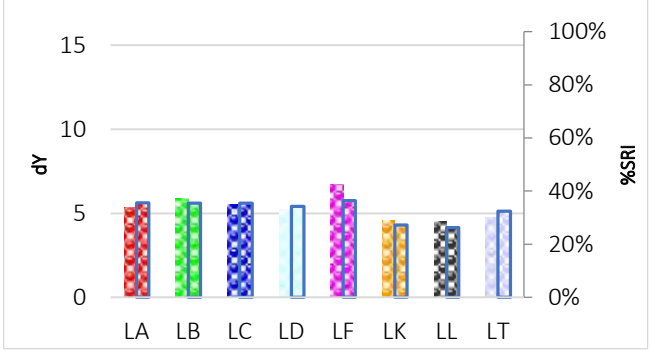


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H203

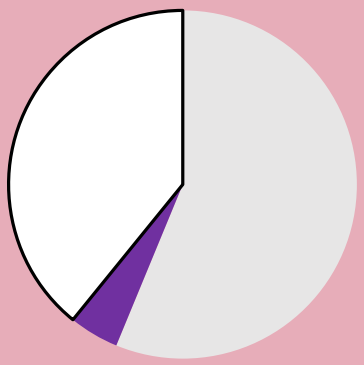
Nutella with sunflower oil

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

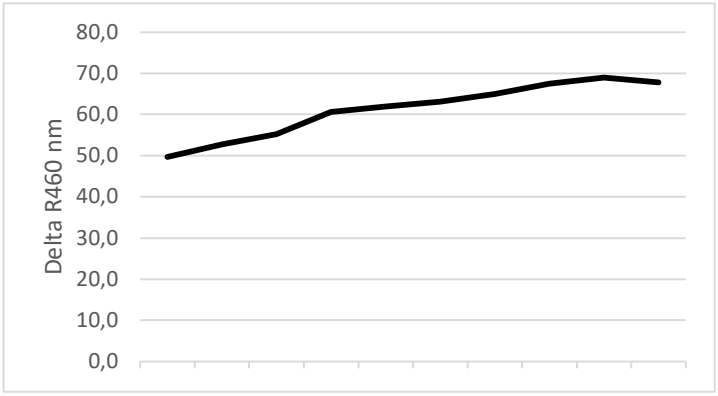
Order Code:	Substrate:	Yu:
C-H203	Woven Cotton (CN-11 w3x)	90,9
KC-H203	Knitted Cotton (CN-42w3x)	94,5

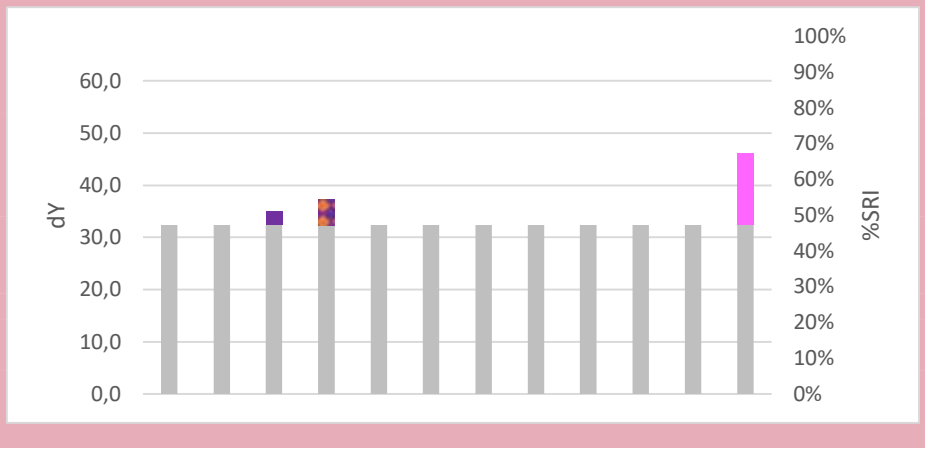
Order Code:	Substrate:	Yu:
PC-H203	Polyester/Cotton (PCN-01w3x)	87,9
P-H203	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

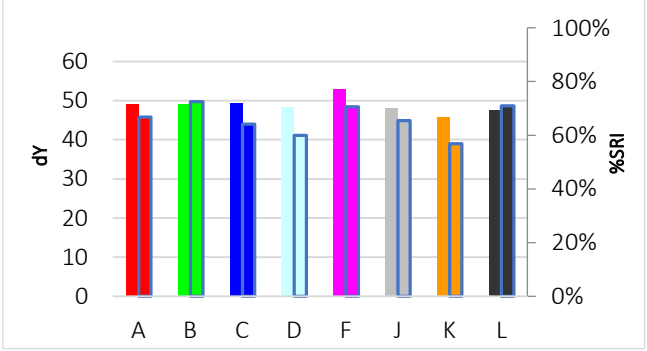


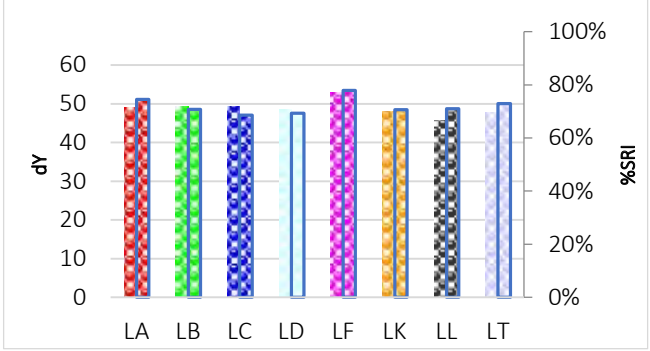


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H204

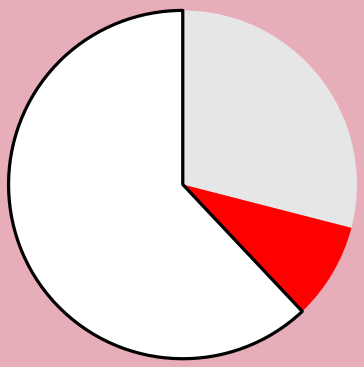
Pumpkin seed oil with colourant

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

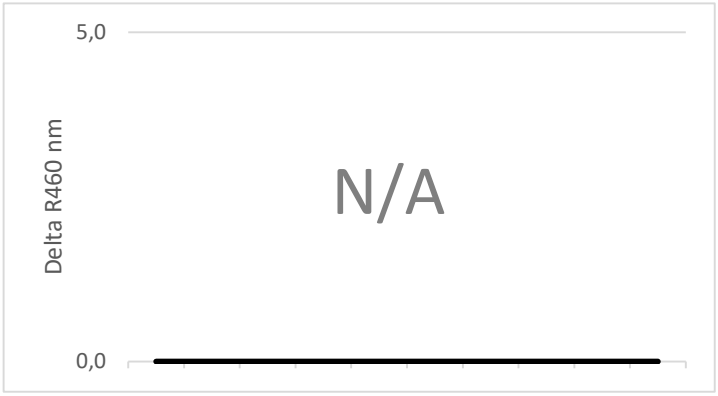
Order Code:	Substrate:	Yu:
C-H204	Woven Cotton (CN-11 w3x)	90,9
KC-H204	Knitted Cotton (CN-42w3x)	94,5

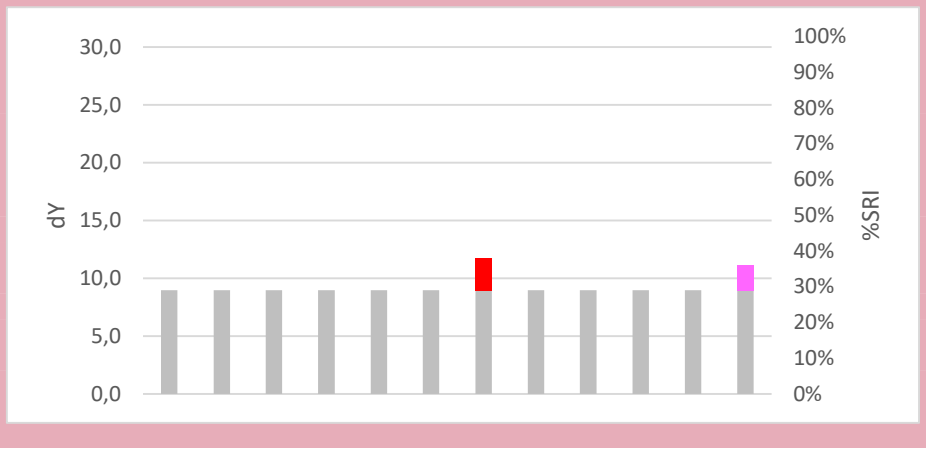
Order Code:	Substrate:	Yu:
PC-H204	Polyester/Cotton (PCN-01w3x)	87,9
P-H204	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

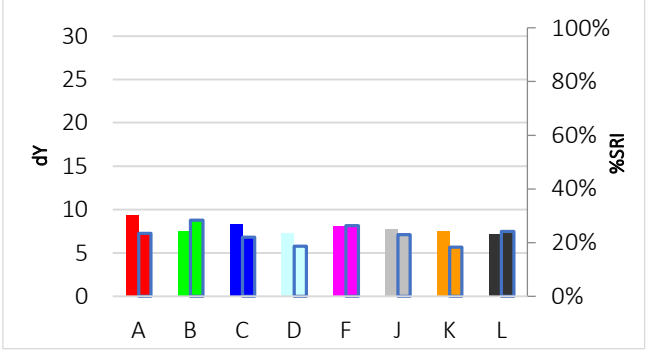


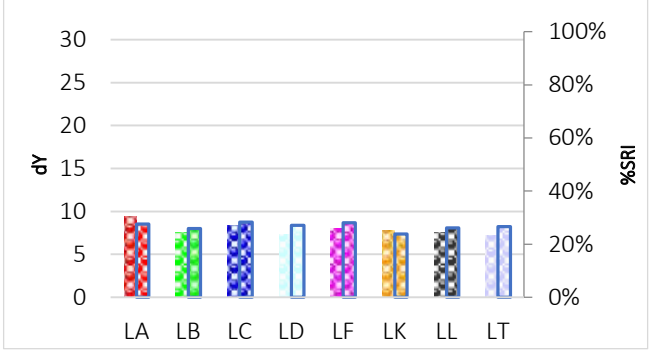


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
This circular stain book has been compiled with the greatest possible care, but no rights can de derived from its contents.

C-H205

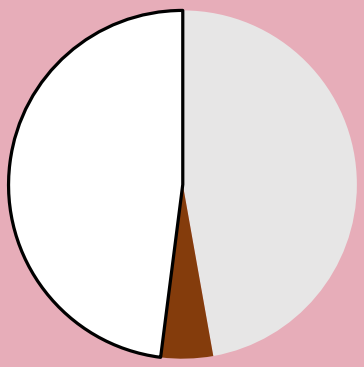
Sambal badjak

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★☆☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

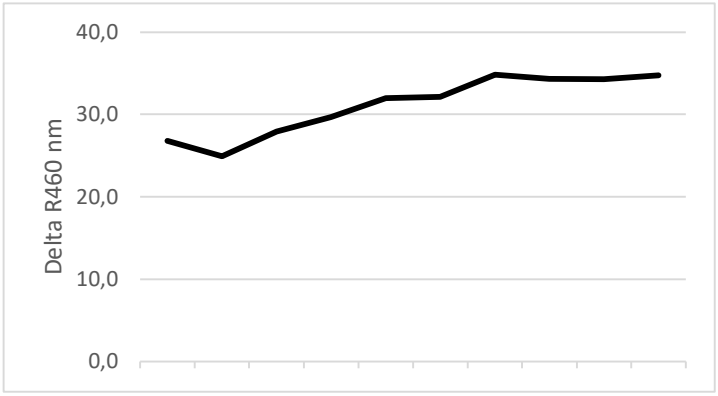
Order Code:	Substrate:	Yu:
C-H205	Woven Cotton (CN-11 w3x)	90,9
KC-H205	Knitted Cotton (CN-42w3x)	94,5

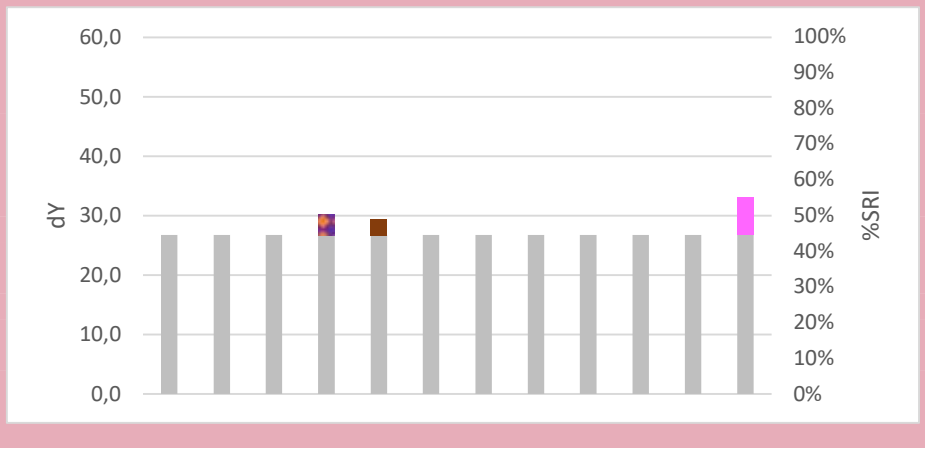
Order Code:	Substrate:	Yu:
PC-H205	Polyester/Cotton (PCN-01w3x)	87,9
P-H205	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

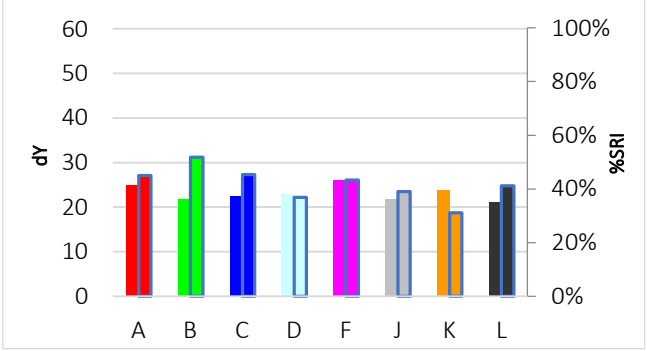


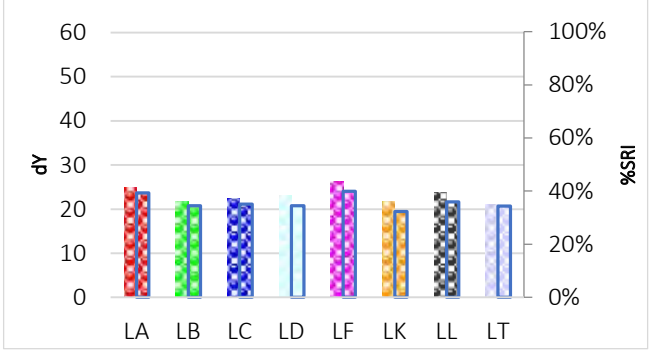


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H206

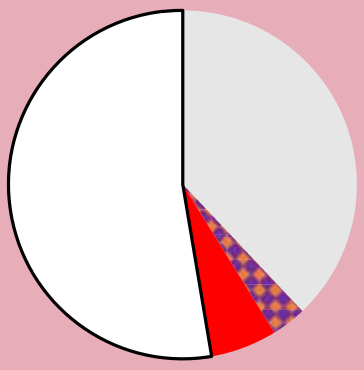
Curry, vindaloo

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

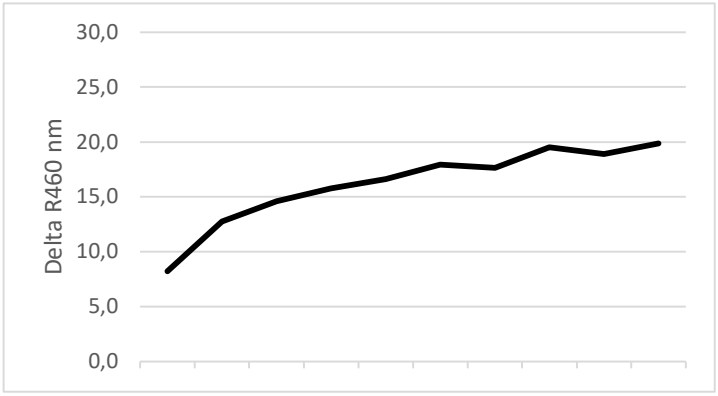
Order Code:	Substrate:	Yu:
C-H206	Woven Cotton (CN-11 w3x)	90,9
KC-H206	Knitted Cotton (CN-42w3x)	94,5

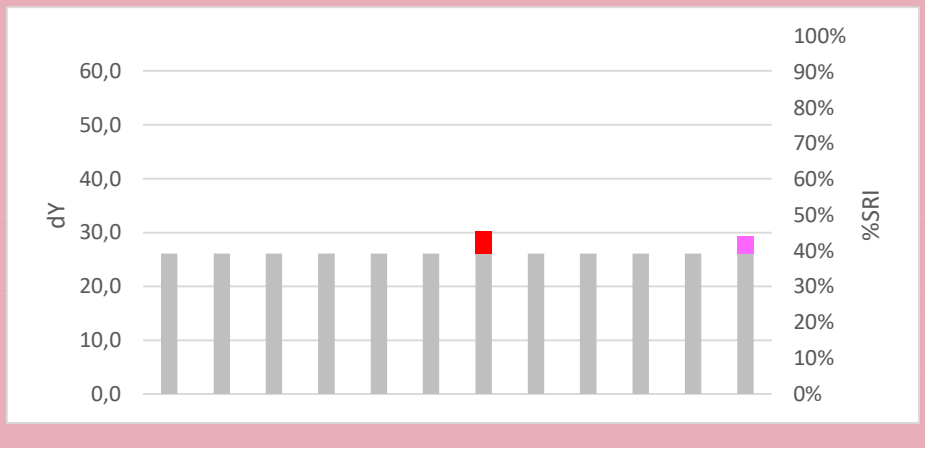
Order Code:	Substrate:	Yu:
PC-H206	Polyester/Cotton (PCN-01w3x)	87,9
P-H206	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

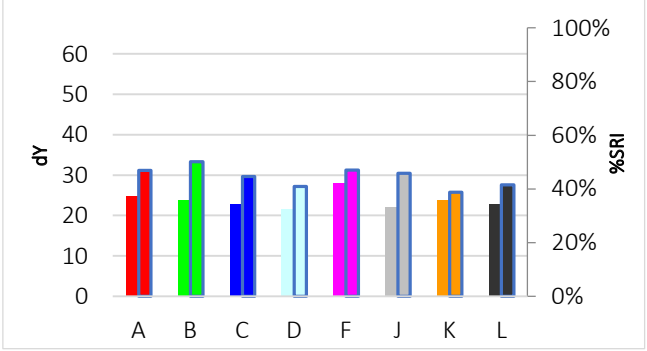


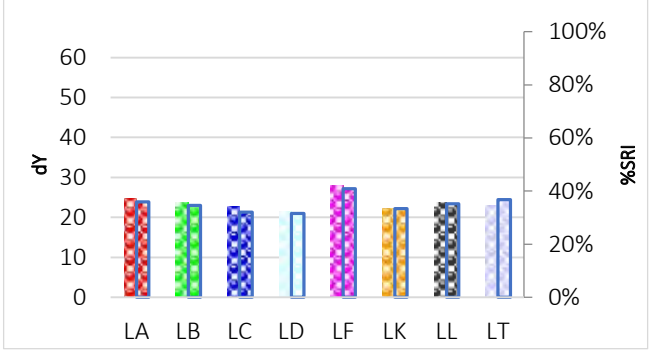


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H207

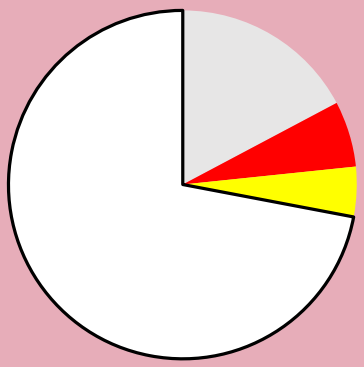
Turmeric with water

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

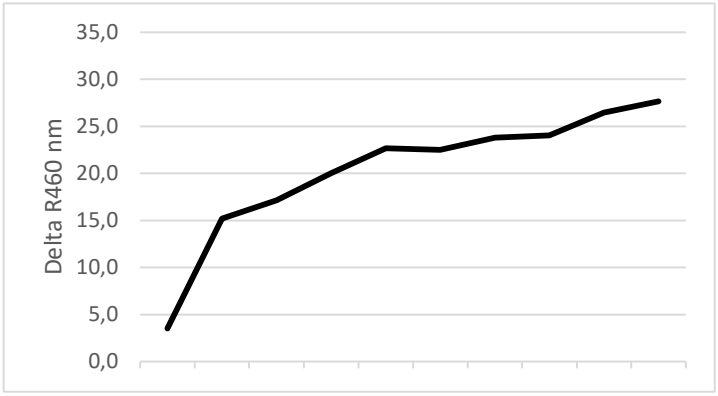
Order Code:	Substrate:	Yu:
C-H207	Woven Cotton (CN-11 w3x)	90,9
KC-H207	Knitted Cotton (CN-42w3x)	94,5

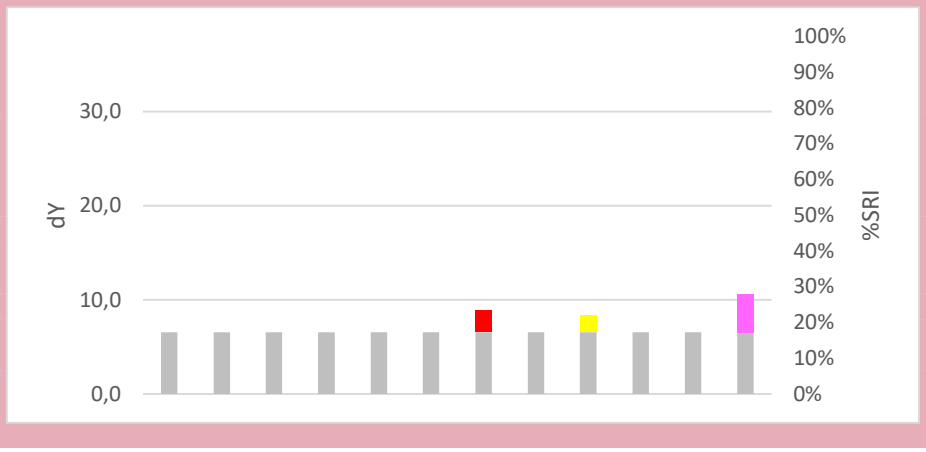
Order Code:	Substrate:	Yu:
PC-H207	Polyester/Cotton (PCN-01w3x)	87,9
P-H207	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

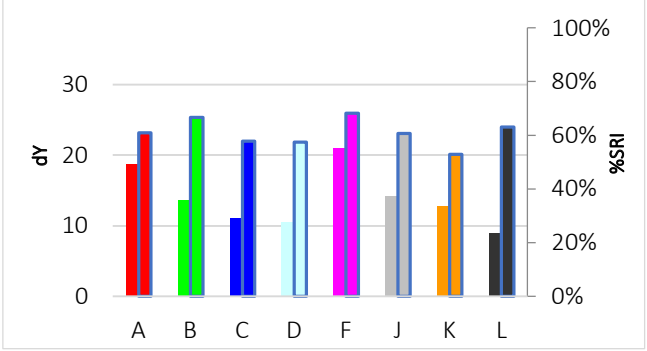


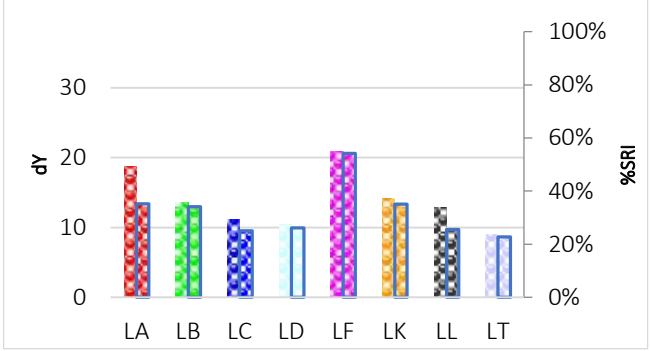


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H208

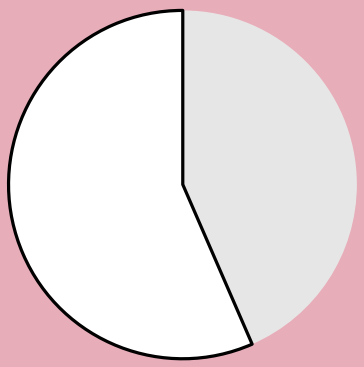
Turmeric with oil

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

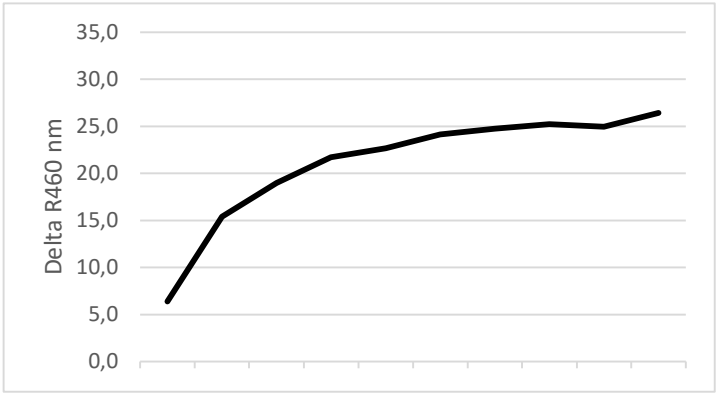
Order Code:	Substrate:	Yu:
C-H208	Woven Cotton (CN-11 w3x)	90,9
KC-H208	Knitted Cotton (CN-42w3x)	94,5

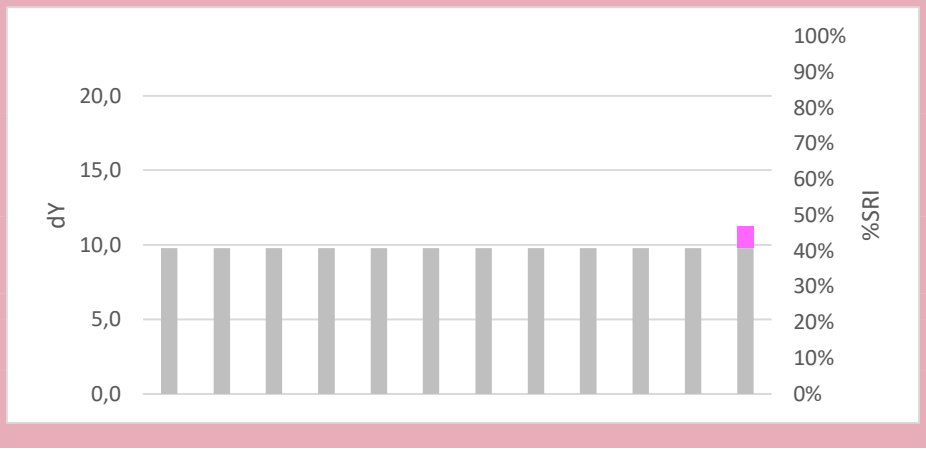
Order Code:	Substrate:	Yu:
PC-H208	Polyester/Cotton (PCN-01w3x)	87,9
P-H208	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

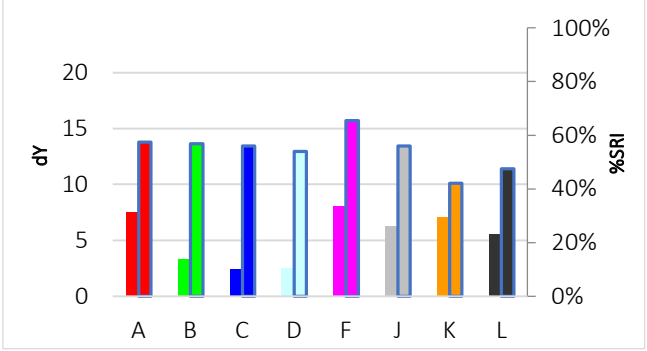


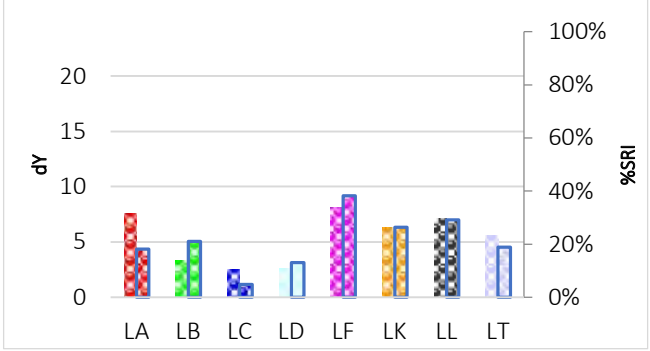


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H209

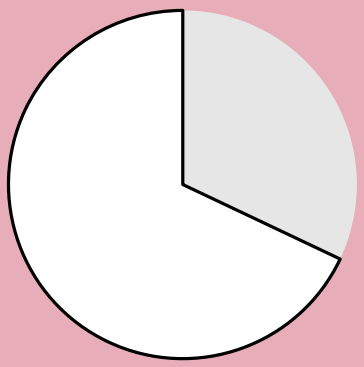
Burnt lard

Discriminative Power:
Reproducibility Ratio:
Reliability Ratio:
Popularity:

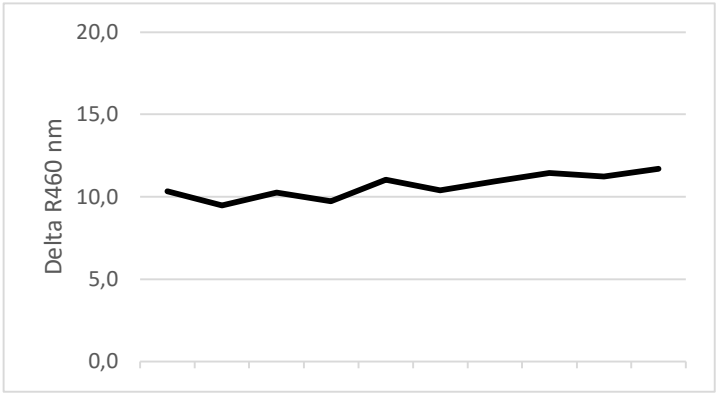
Order Code:	Substrate:	Yu:
C-H209	Woven Cotton (CN-11 w3x)	90,9
KC-H209	Knitted Cotton (CN-42w3x)	94,5

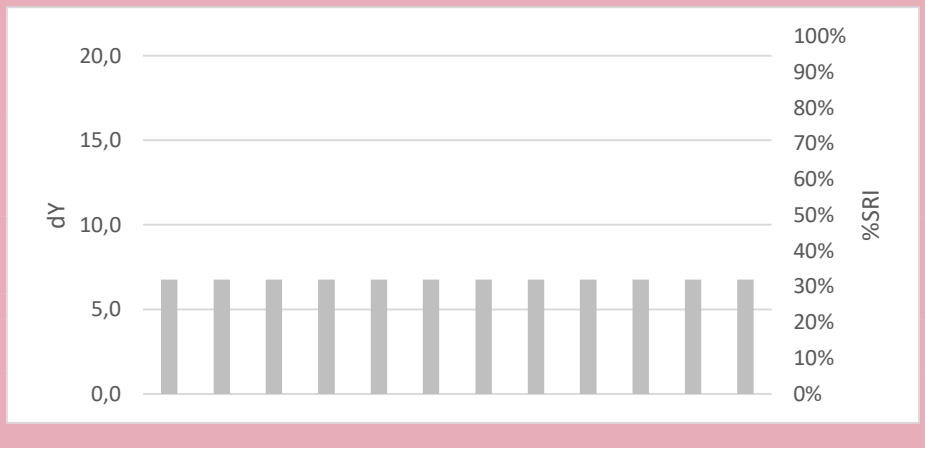
Order Code:	Substrate:	Yu:
PC-H209	Polyester/Cotton (PCN-01w3x)	87,9
P-H209	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

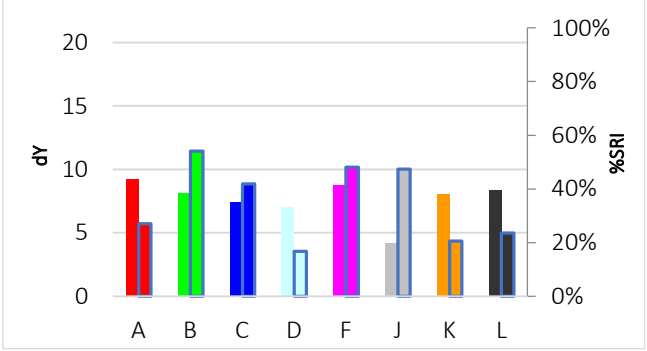


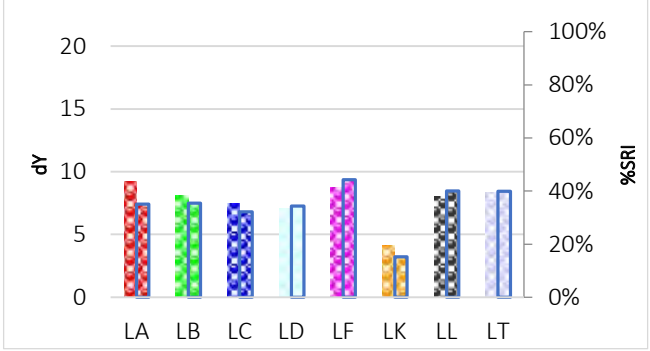


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H210

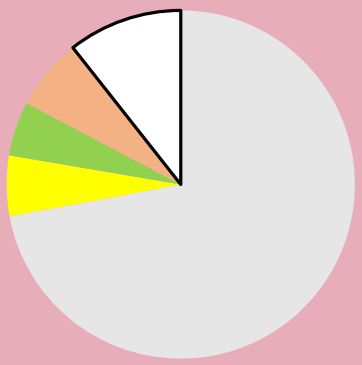
Sebum TEFO

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

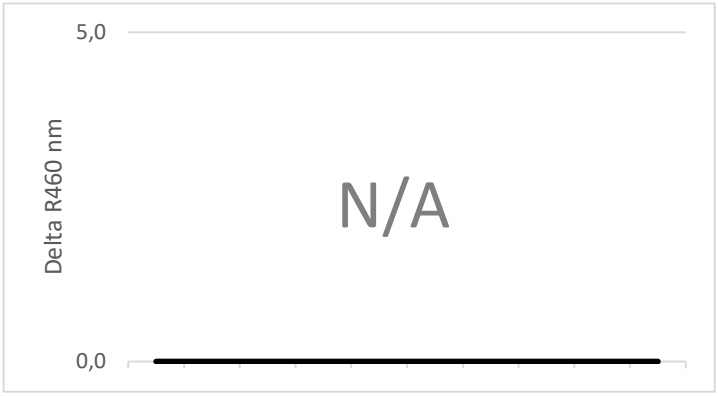
Order Code:	Substrate:	Yu:
C-H210	Woven Cotton (CN-11 w3x)	90,9
KC-H210	Knitted Cotton (CN-42w3x)	94,5

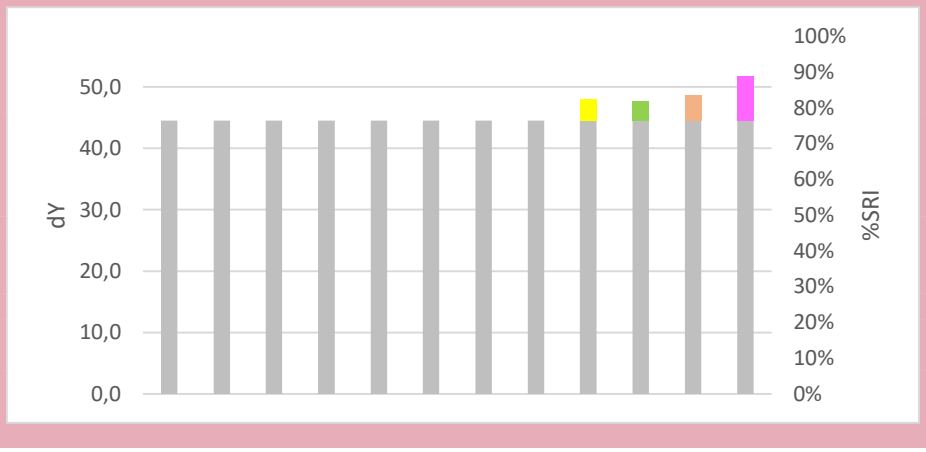
Order Code:	Substrate:	Yu:
PC-H210	Polyester/Cotton (PCN-01w3x)	87,9
P-H210	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

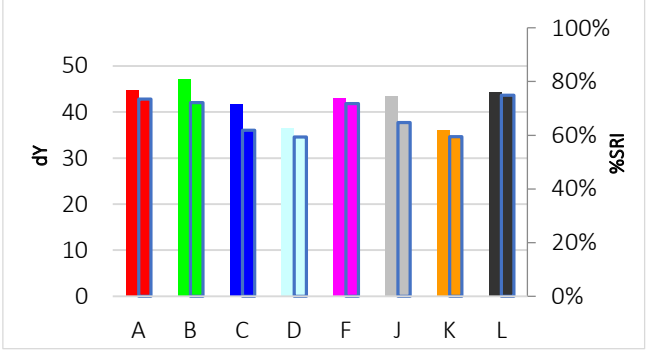


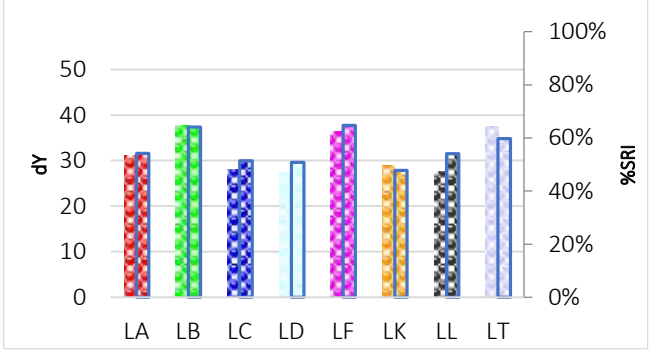


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H211

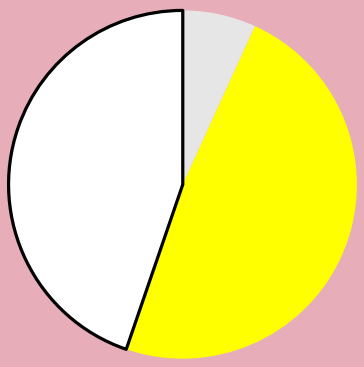
Tea with milk

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

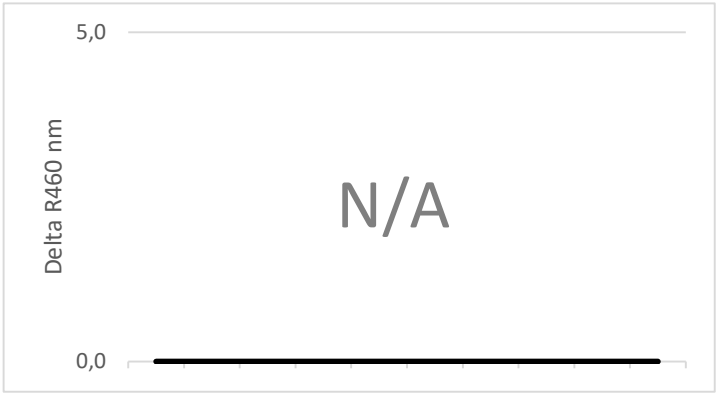
Order Code:	Substrate:	Yu:
C-H211	Woven Cotton (CN-11 w3x)	90,9
KC-H211	Knitted Cotton (CN-42w3x)	94,5

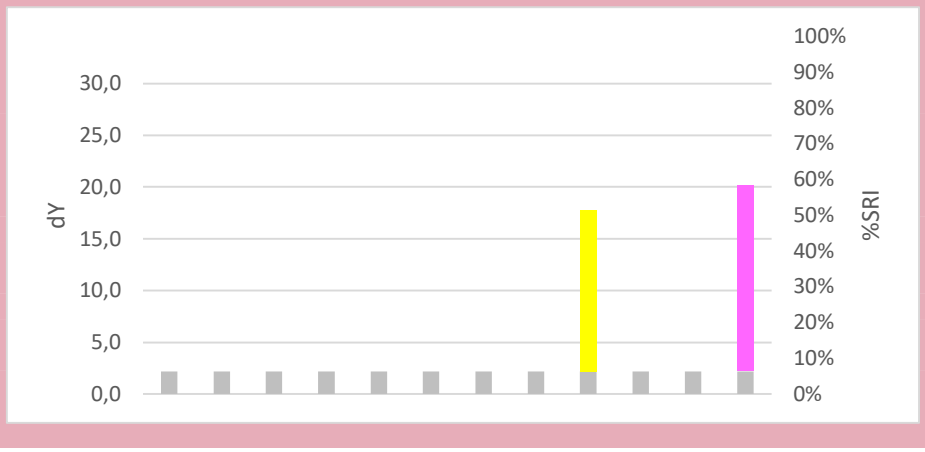
Order Code:	Substrate:	Yu:
PC-H211	Polyester/Cotton (PCN-01w3x)	87,9
P-H211	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

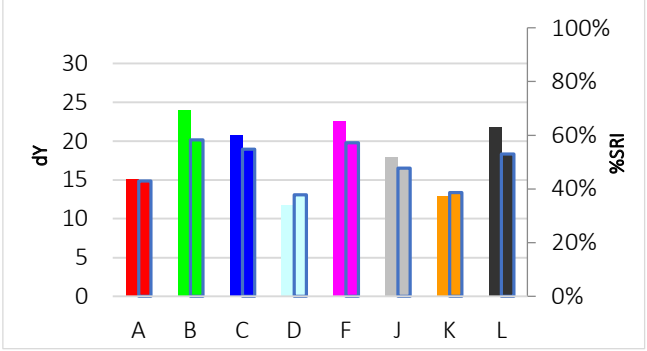


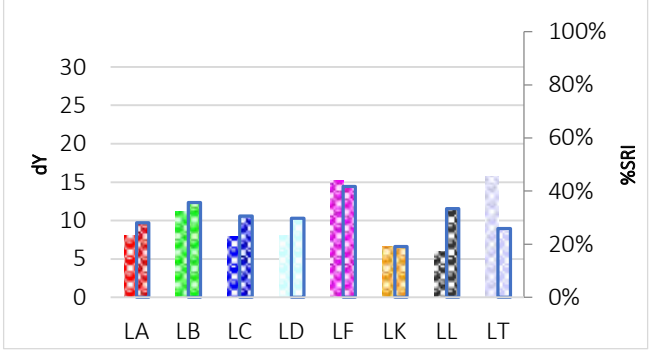


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H212

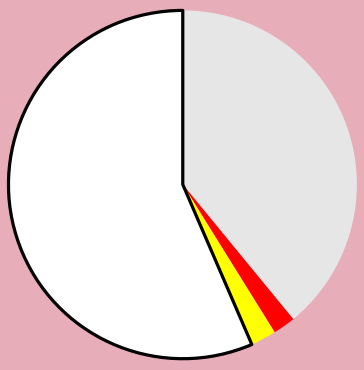
Beef fat, coloured with violet dye

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

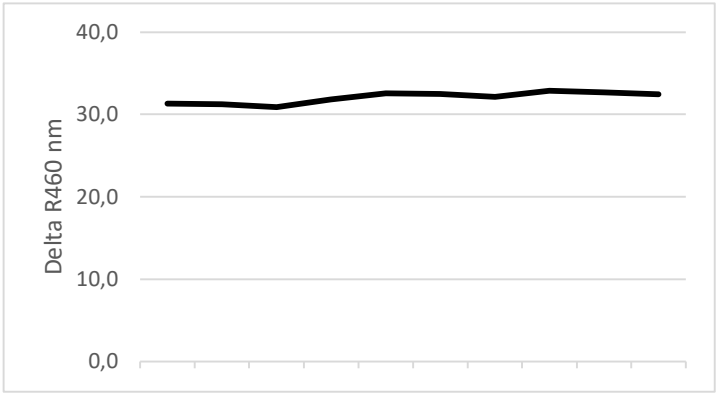
Order Code:	Substrate:	Yu:
C-H212	Woven Cotton (CN-11 w3x)	90,9
KC-H212	Knitted Cotton (CN-42w3x)	94,5

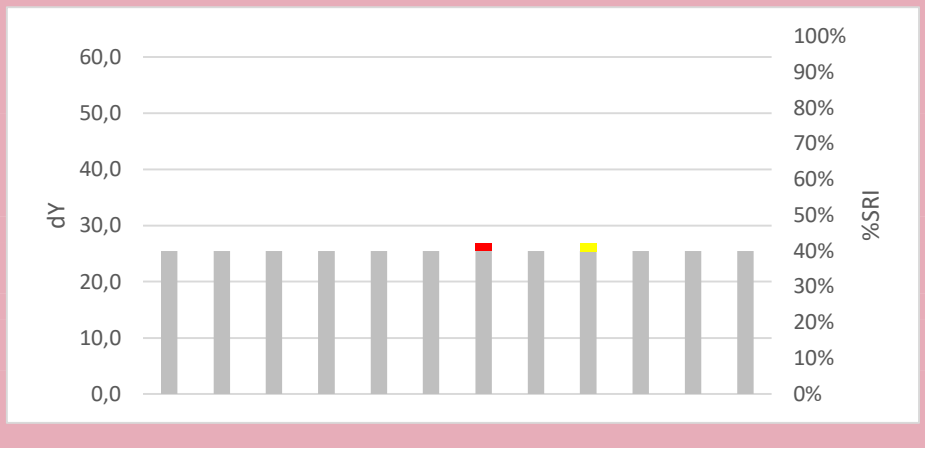
Order Code:	Substrate:	Yu:
PC-H212	Polyester/Cotton (PCN-01w3x)	87,9
P-H212	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

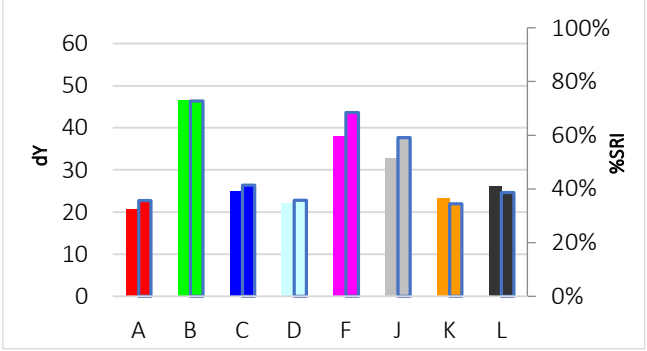


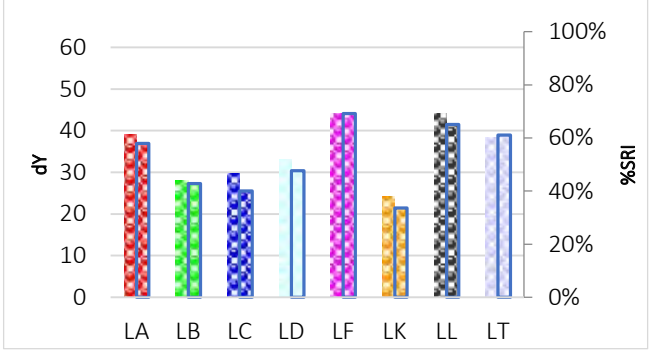


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H213

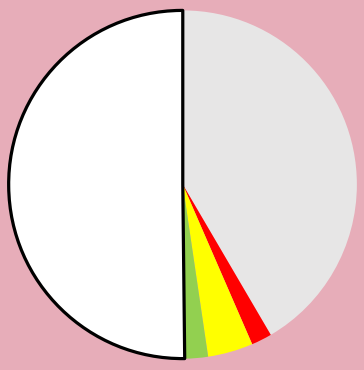
Lard, coloured with violet dye

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

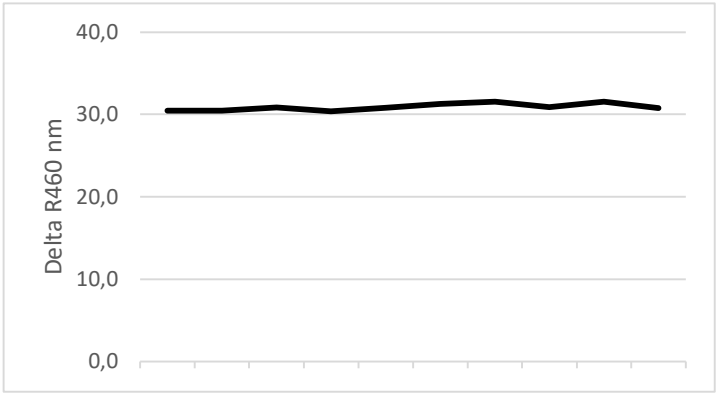
Order Code:	Substrate:	Yu:
C-H213	Woven Cotton (CN-11 w3x)	90,9
KC-H213	Knitted Cotton (CN-42w3x)	94,5

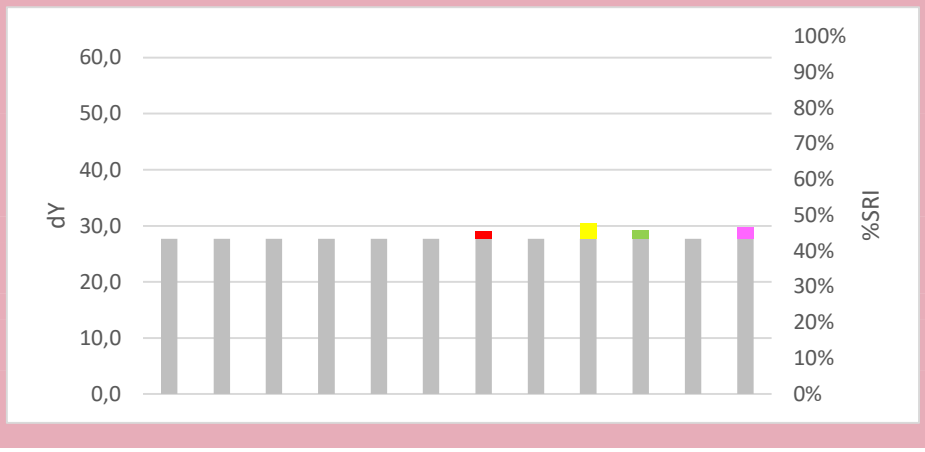
Order Code:	Substrate:	Yu:
PC-H213	Polyester/Cotton (PCN-01w3x)	87,9
P-H213	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

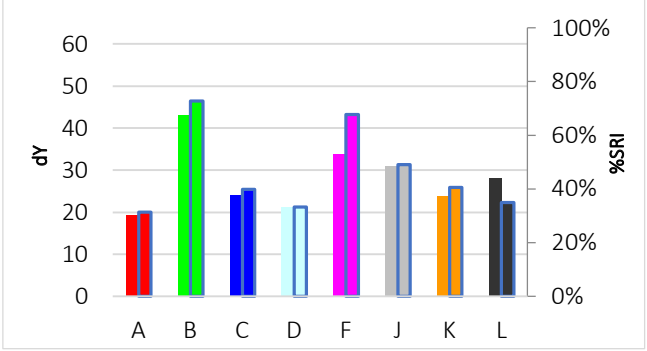


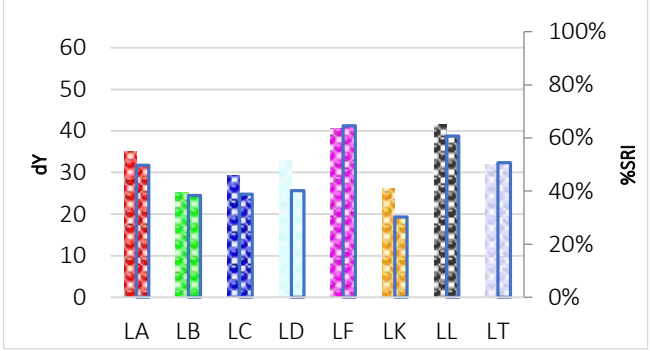


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H215

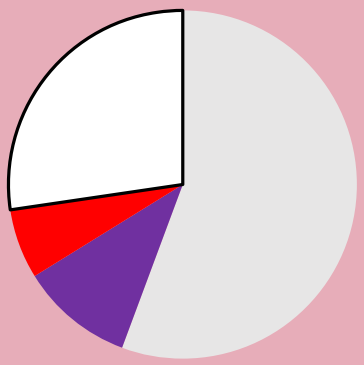
SEA, Sisig, Filipino sizzling pork

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

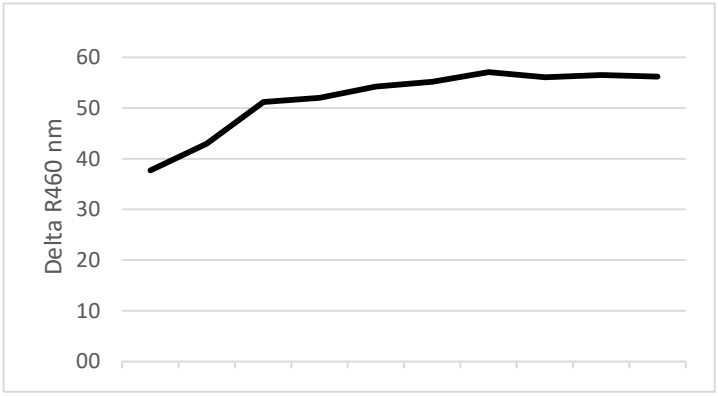
Order Code:	Substrate:	Yu:
C-H215	Woven Cotton (CN-11 w3x)	90,9
KC-H215	Knitted Cotton (CN-42w3x)	94,5

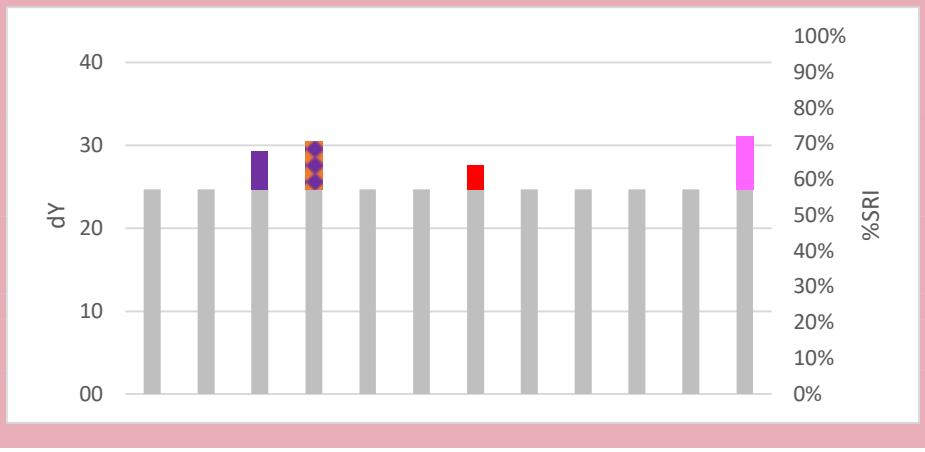
Order Code:	Substrate:	Yu:
PC-H215	Polyester/Cotton (PCN-01w3x)	87,9
P-H215	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

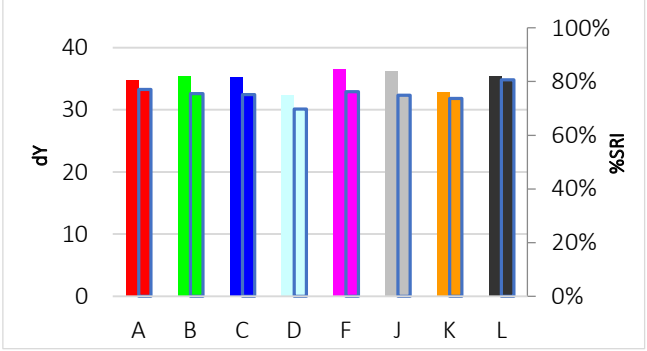


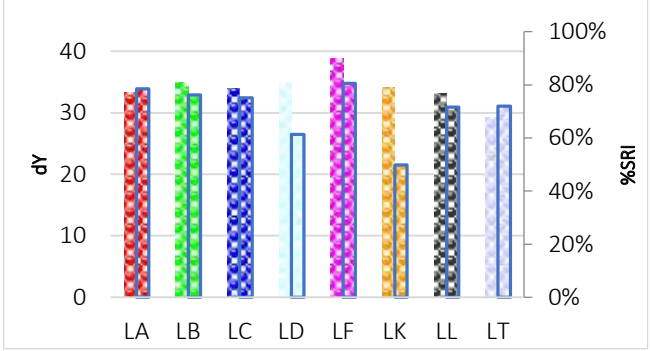


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H216

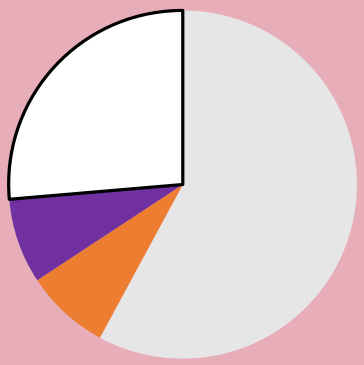
SEA, Thai stir fried pork

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

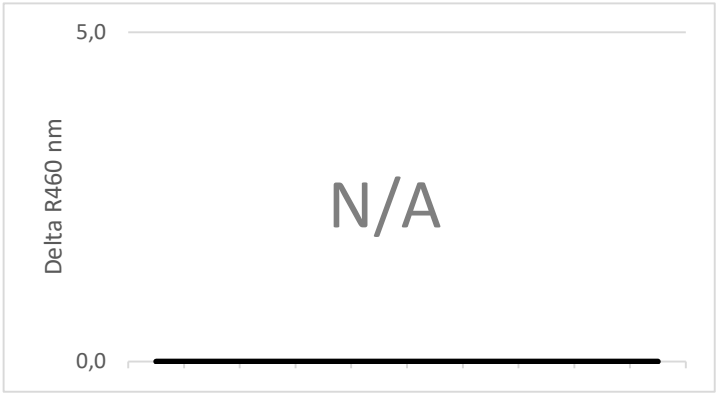
Order Code:	Substrate:	Yu:
C-H216	Woven Cotton (CN-11 w3x)	90,9
KC-H216	Knitted Cotton (CN-42w3x)	94,5

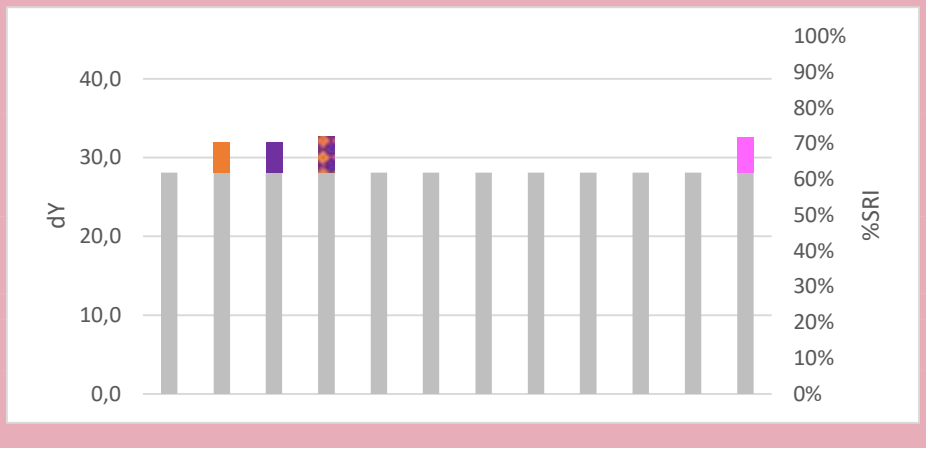
Order Code:	Substrate:	Yu:
PC-H216	Polyester/Cotton (PCN-01w3x)	87,9
P-H216	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

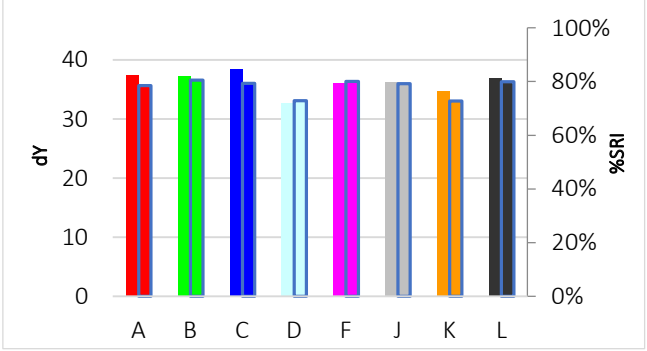


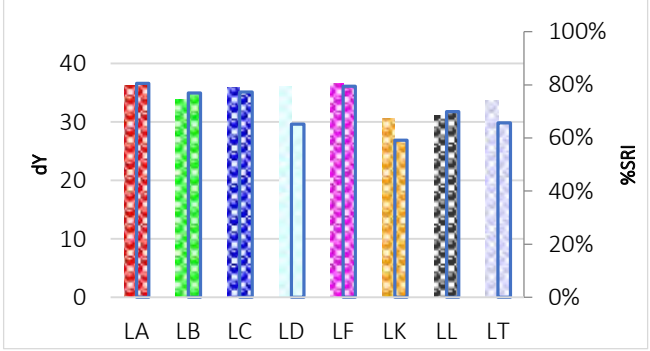


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H217

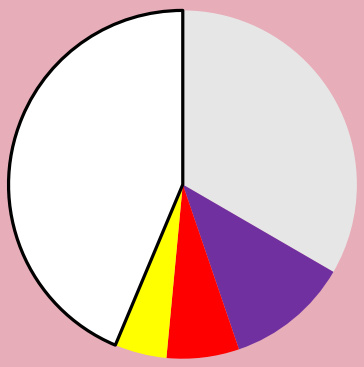
SEA, Fish in tomato sauce

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

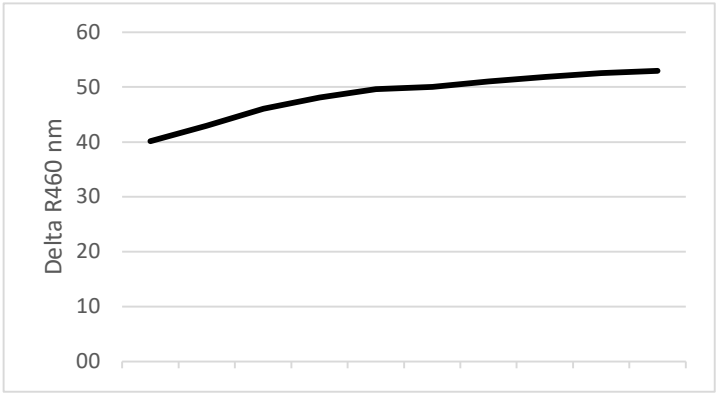
Order Code:	Substrate:	Yu:
C-H217	Woven Cotton (CN-11 w3x)	90,9
KC-H217	Knitted Cotton (CN-42w3x)	94,5

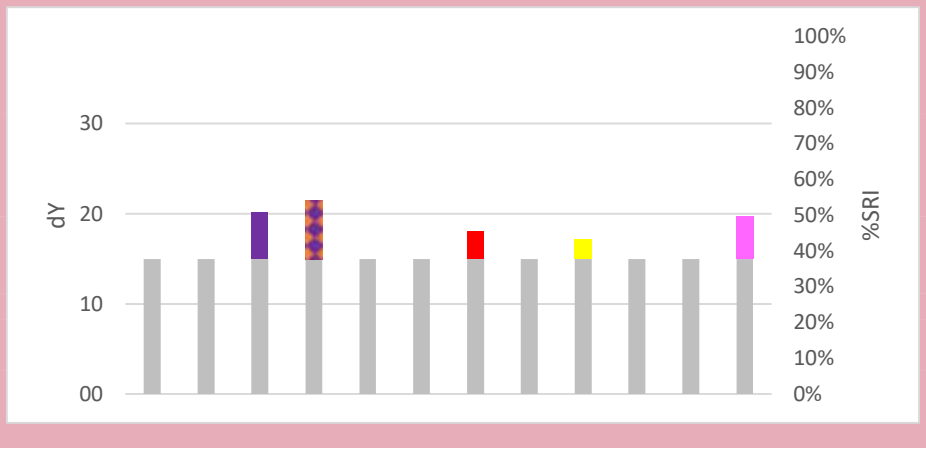
Order Code:	Substrate:	Yu:
PC-H217	Polyester/Cotton (PCN-01w3x)	87,9
P-H217	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

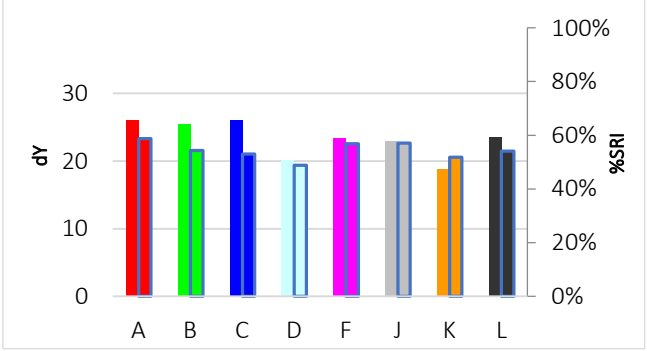


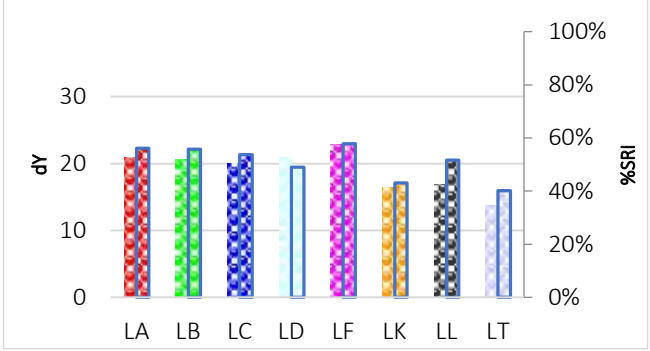


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H218

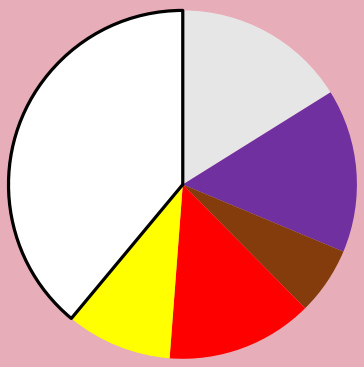
SEA, Beef rendang, homemade

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

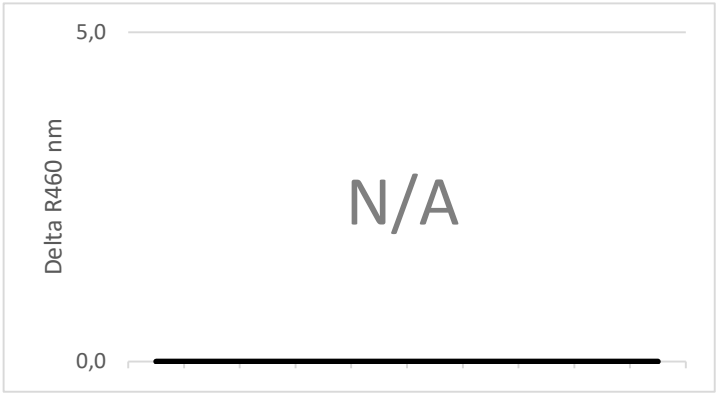
Order Code:	Substrate:	Yu:
C-H218	Woven Cotton (CN-11 w3x)	90,9
KC-H218	Knitted Cotton (CN-42w3x)	94,5

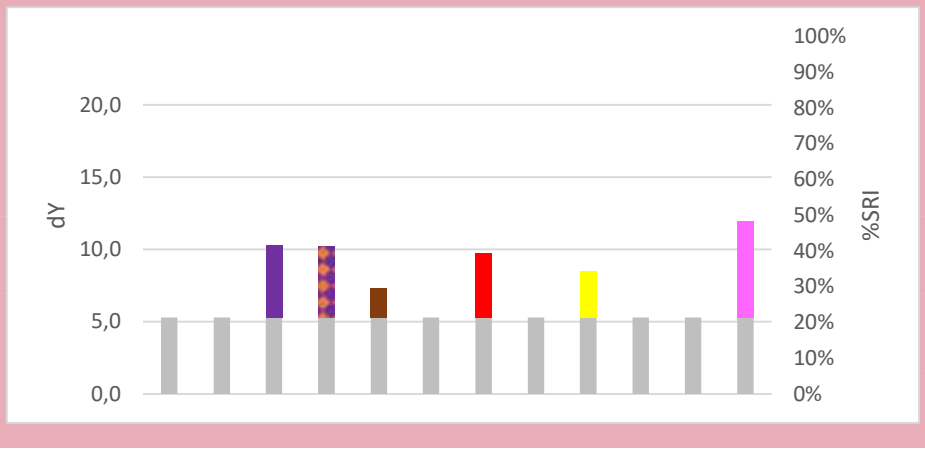
Order Code:	Substrate:	Yu:
PC-H218	Polyester/Cotton (PCN-01w3x)	87,9
P-H218	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

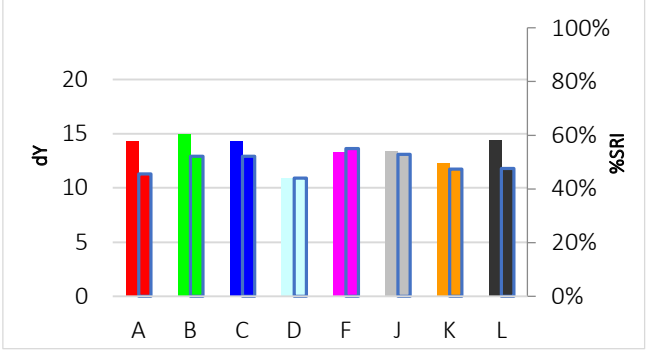


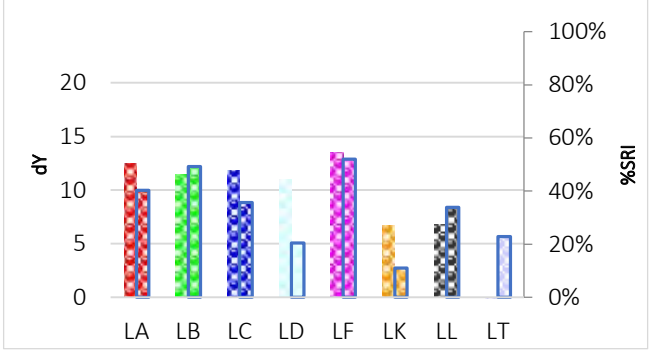


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H219

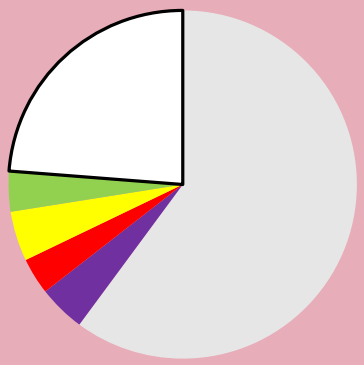
Pork with starch

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★★
Popularity: ★☆☆☆☆

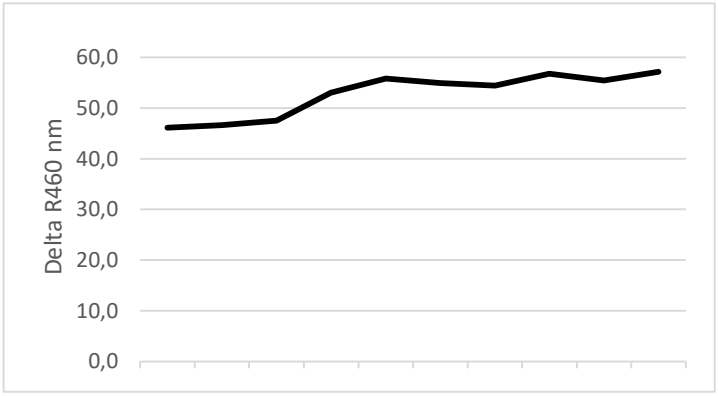
Order Code:	Substrate:	Yu:
C-H219	Woven Cotton (CN-11 w3x)	90,9
KC-H219	Knitted Cotton (CN-42w3x)	94,5

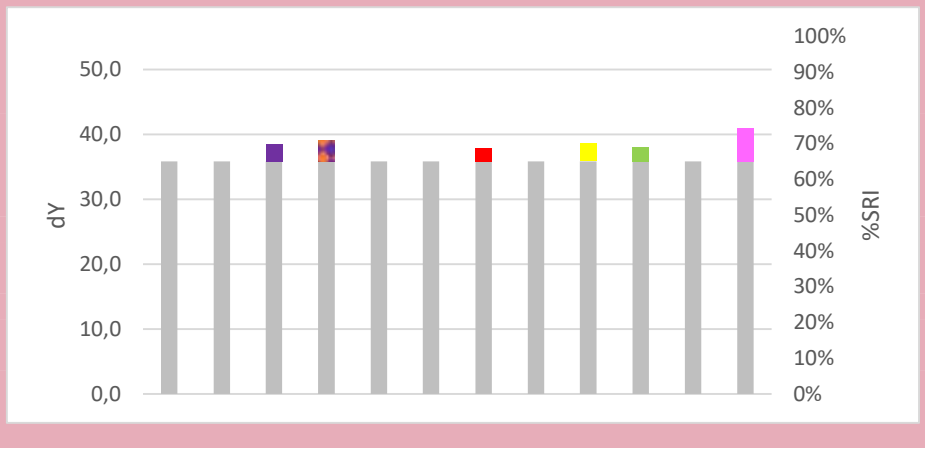
Order Code:	Substrate:	Yu:
PC-H219	Polyester/Cotton (PCN-01w3x)	87,9
P-H219	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

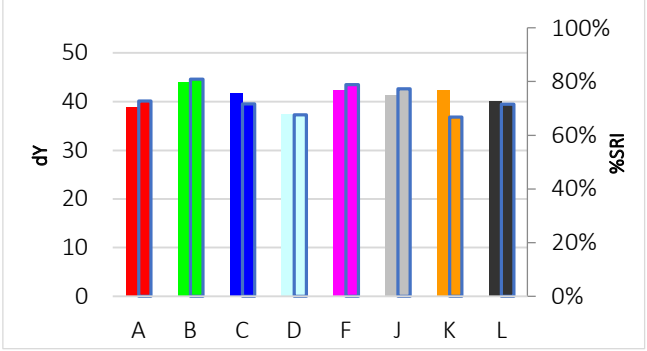


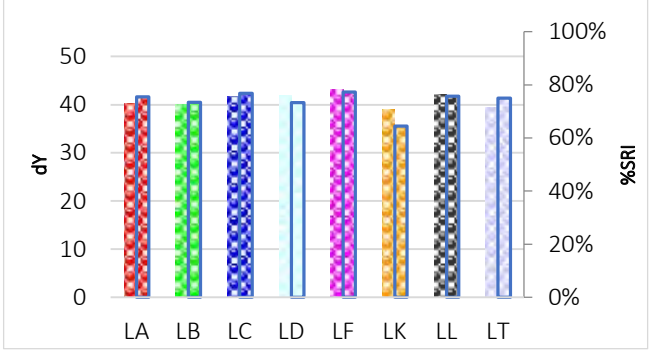


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H220

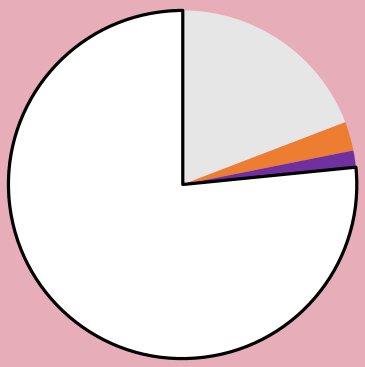
Mama pasta

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

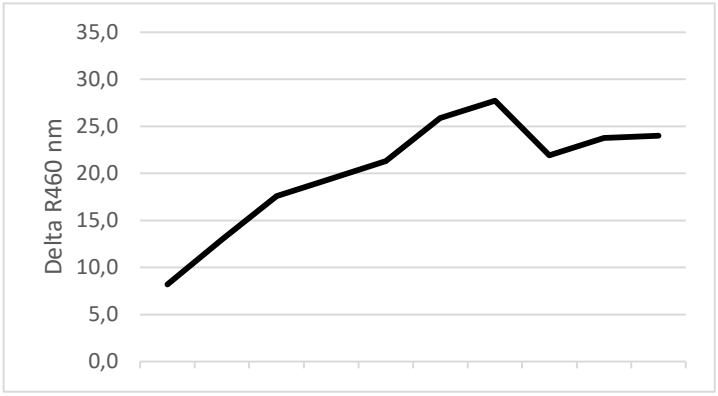
Order Code:	Substrate:	Yu:
C-H220	Woven Cotton (CN-11 w3x)	90,9
KC-H220	Knitted Cotton (CN-42w3x)	94,5

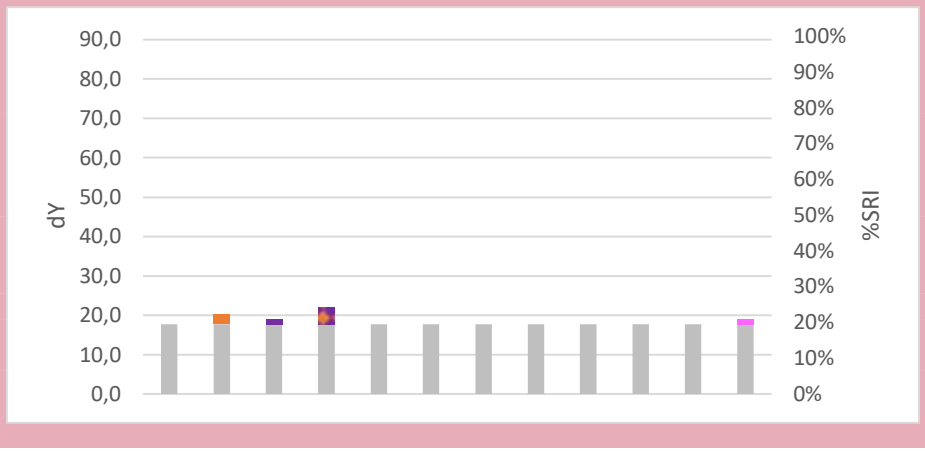
Order Code:	Substrate:	Yu:
PC-H220	Polyester/Cotton (PCN-01w3x)	87,9
P-H220	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

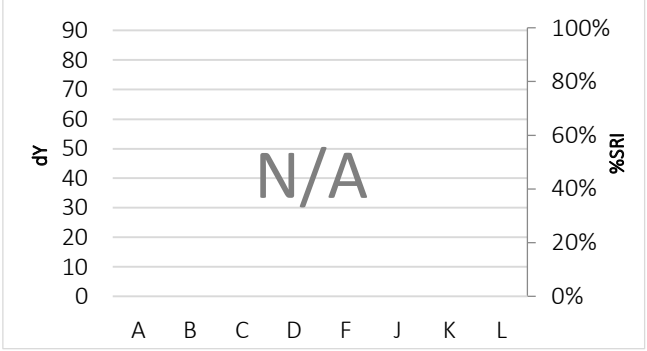


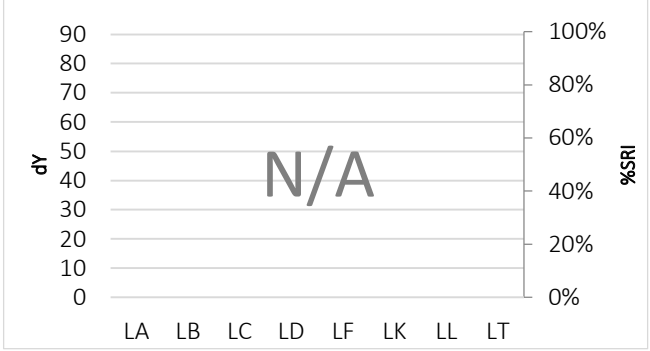


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H221

Bon curry

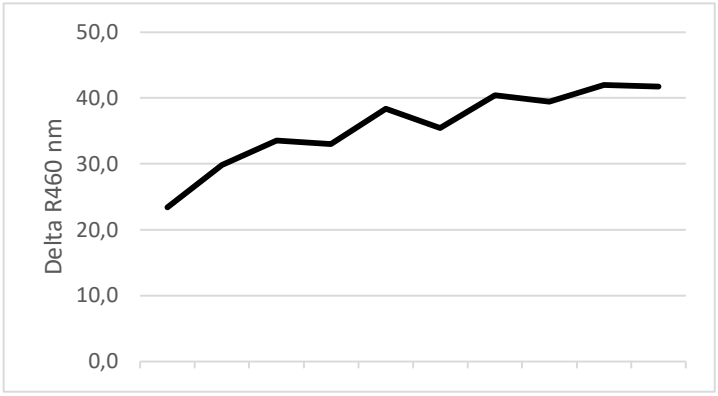
Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

Order Code:	Substrate:	Yu:
C-H221	Woven Cotton (CN-11 w3x)	90,9
KC-H221	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H221	Polyester/Cotton (PCN-01w3x)	87,9
P-H221	Polyester (PN-01 w3x)	86,5

Detergent Component Response

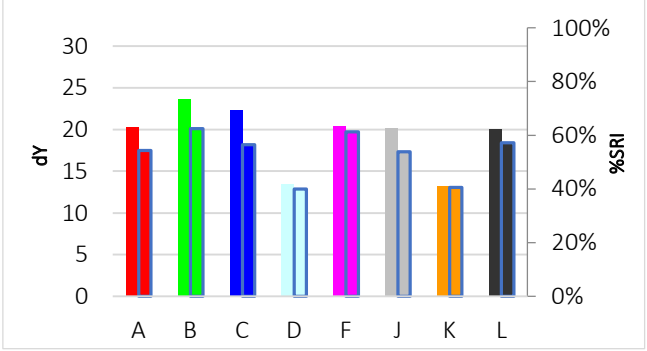
Detergent Dosage/Response & QC

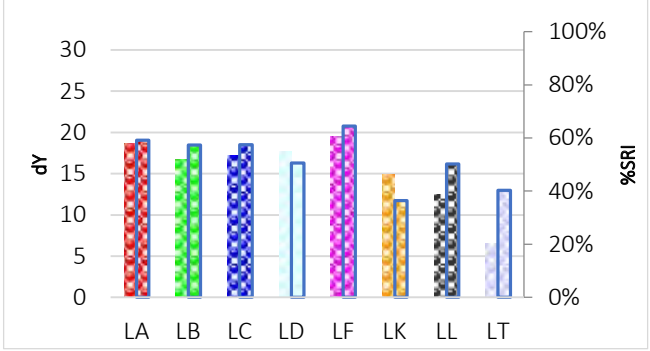


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H222

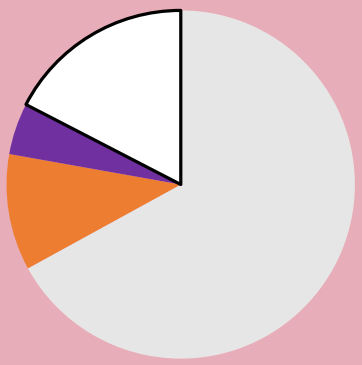
Tonkatsu

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

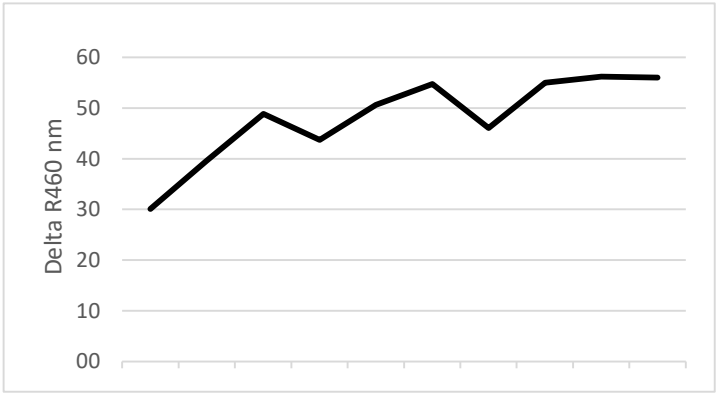
Order Code:	Substrate:	Yu:
C-H222	Woven Cotton (CN-11 w3x)	90,9
KC-H222	Knitted Cotton (CN-42w3x)	94,5

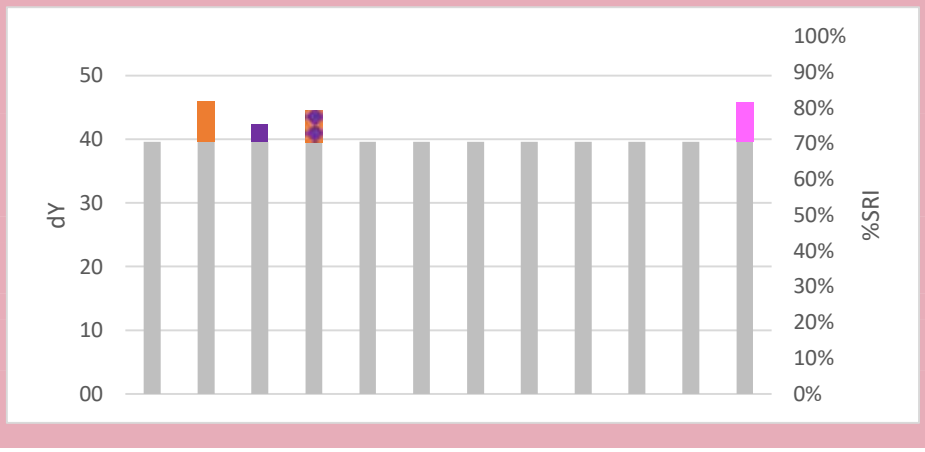
Order Code:	Substrate:	Yu:
PC-H222	Polyester/Cotton (PCN-01w3x)	87,9
P-H222	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

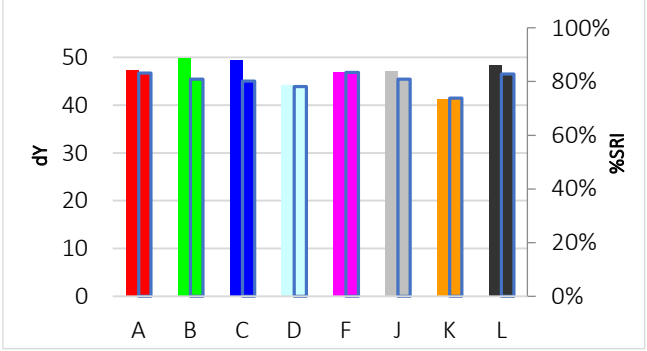


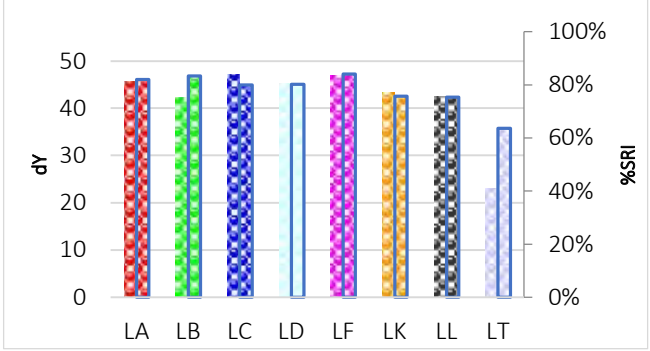


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H223

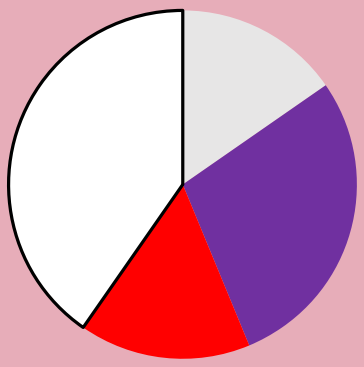
Sebum JIS C9606

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

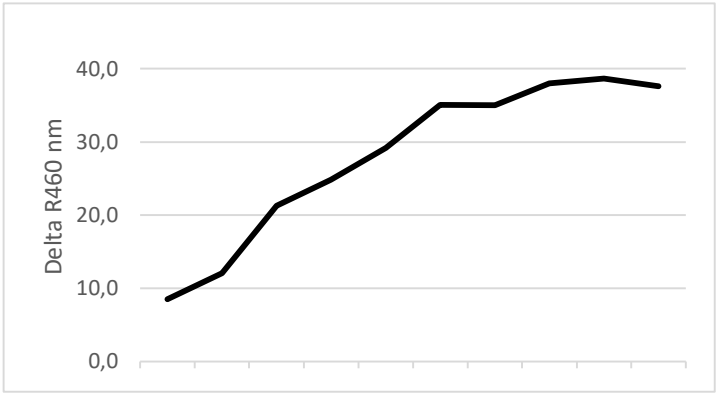
Order Code:	Substrate:	Yu:
C-H223	Woven Cotton (CN-11 w3x)	90,9
KC-H223	Knitted Cotton (CN-42w3x)	94,5

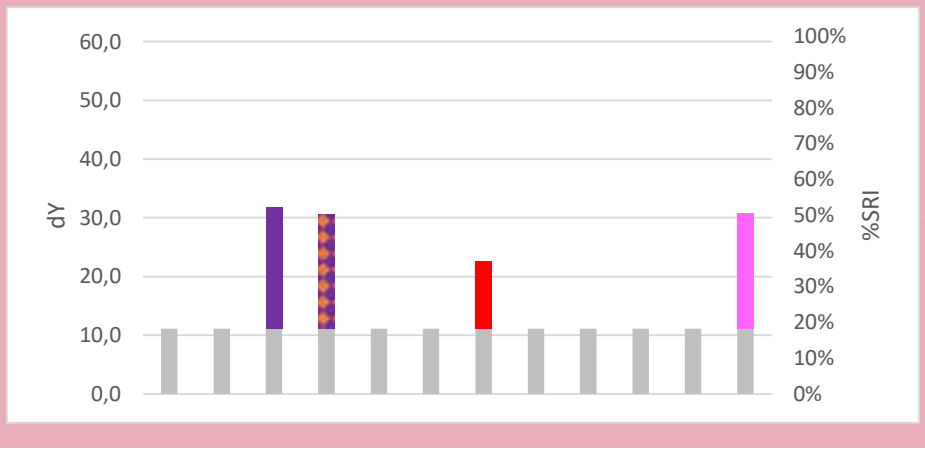
Order Code:	Substrate:	Yu:
PC-H223	Polyester/Cotton (PCN-01w3x)	87,9
P-H223	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

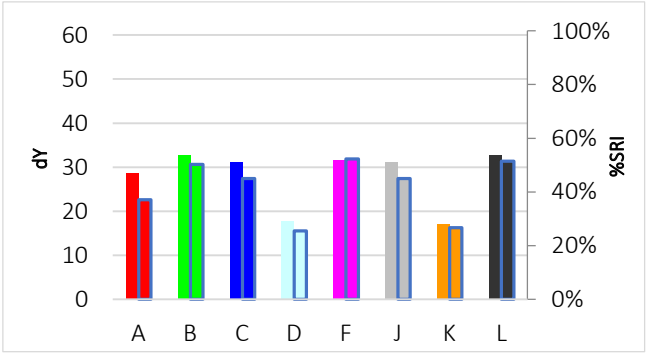


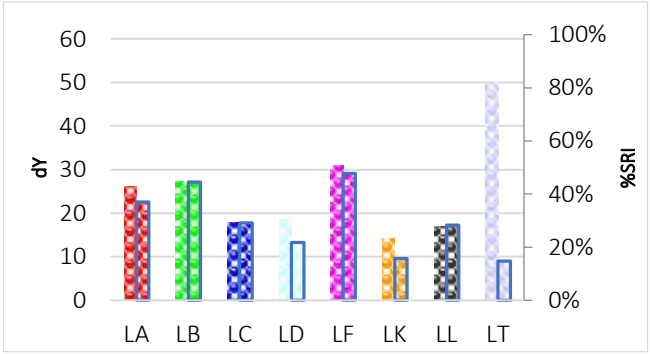


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
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C-H224

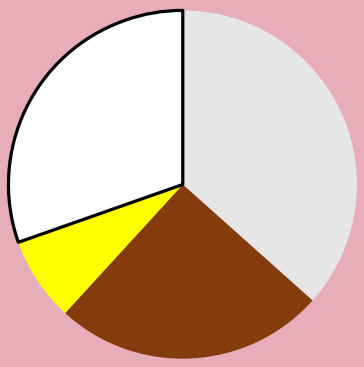
Keratin

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

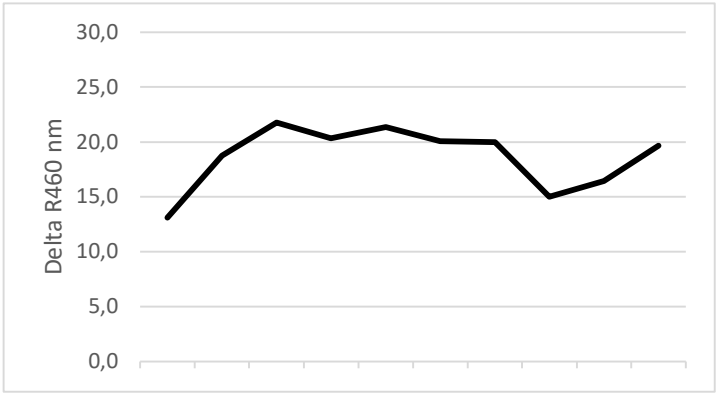
Order Code:	Substrate:	Yu:
C-H224	Woven Cotton (CN-11 w3x)	90,9
KC-H224	Knitted Cotton (CN-42w3x)	94,5

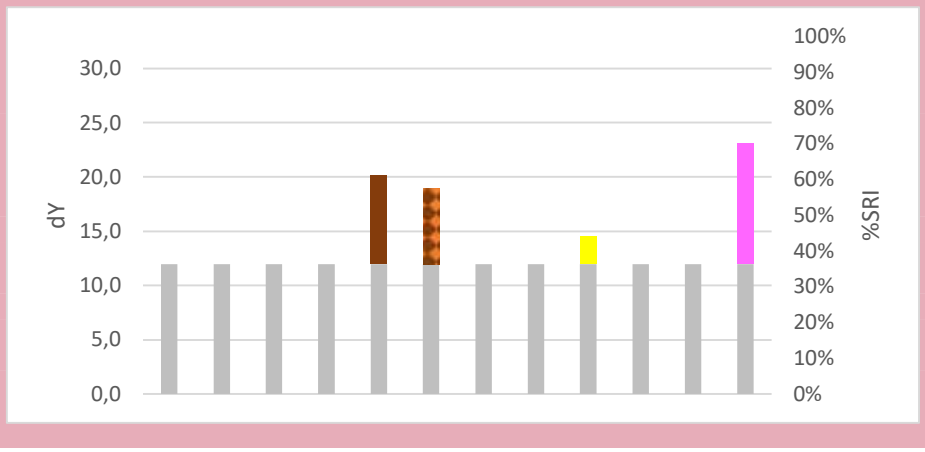
Order Code:	Substrate:	Yu:
PC-H224	Polyester/Cotton (PCN-01w3x)	87,9
P-H224	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

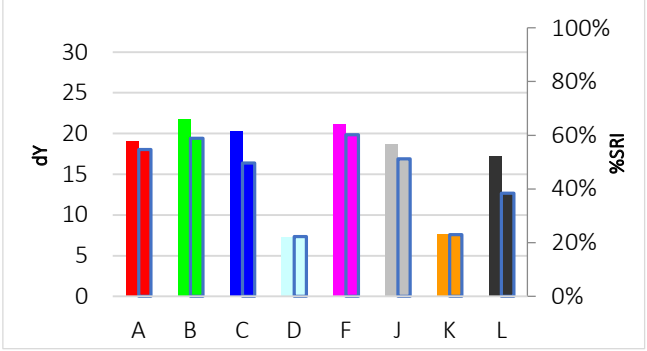


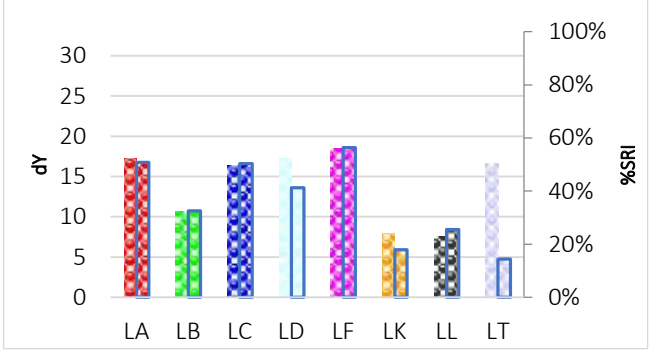


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H225

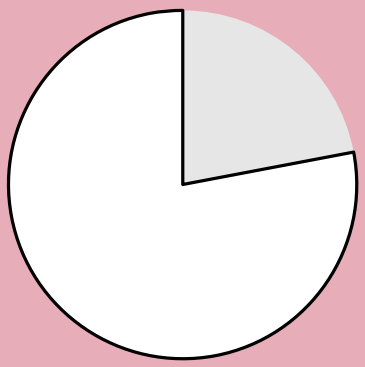
Beef fat, burnt

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★★
Popularity: ★★☆☆☆

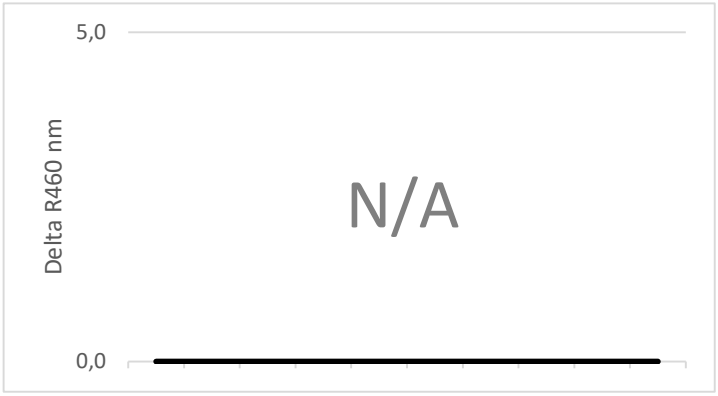
Order Code:	Substrate:	Yu:
C-H225	Woven Cotton (CN-11 w3x)	90,9
KC-H225	Knitted Cotton (CN-42w3x)	94,5

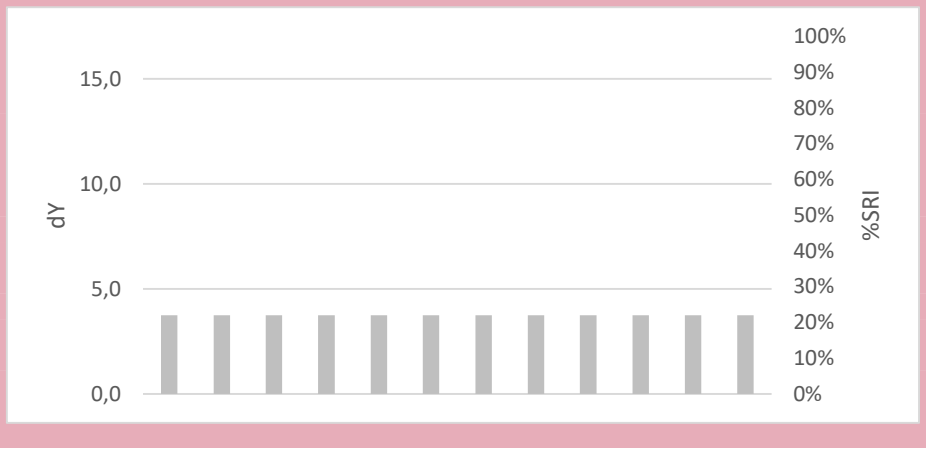
Order Code:	Substrate:	Yu:
PC-H225	Polyester/Cotton (PCN-01w3x)	87,9
P-H225	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

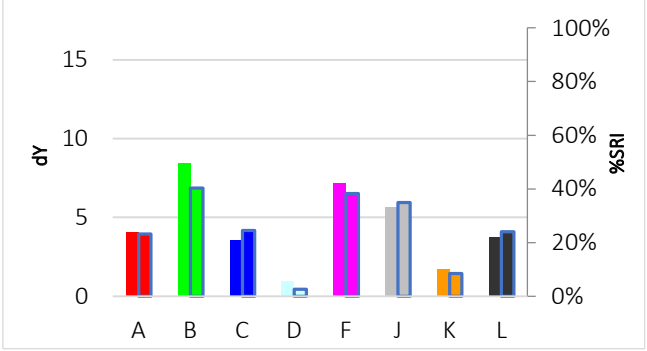


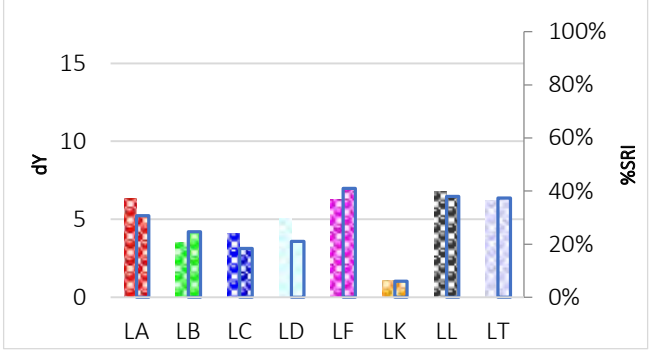


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H226

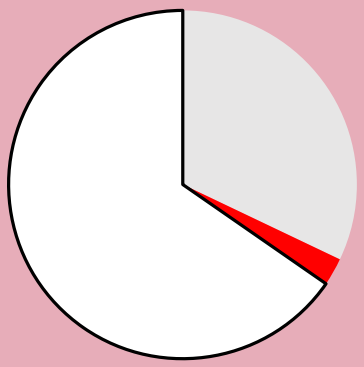
Beef fat/lard, coloured with Sudan red

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

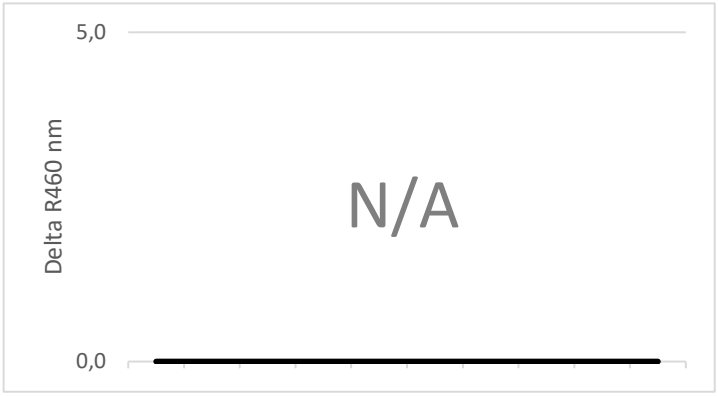
Order Code:	Substrate:	Yu:
C-H226	Woven Cotton (CN-11 w3x)	90,9
KC-H226	Knitted Cotton (CN-42w3x)	94,5

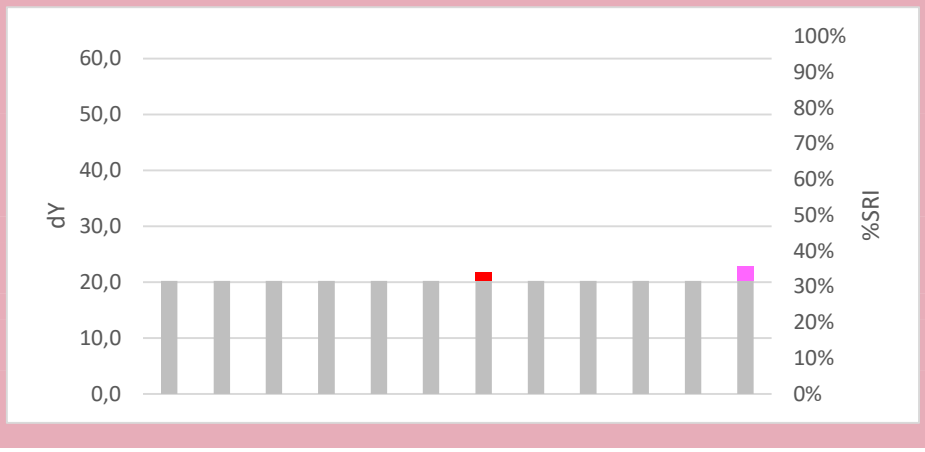
Order Code:	Substrate:	Yu:
PC-H226	Polyester/Cotton (PCN-01w3x)	87,9
P-H226	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

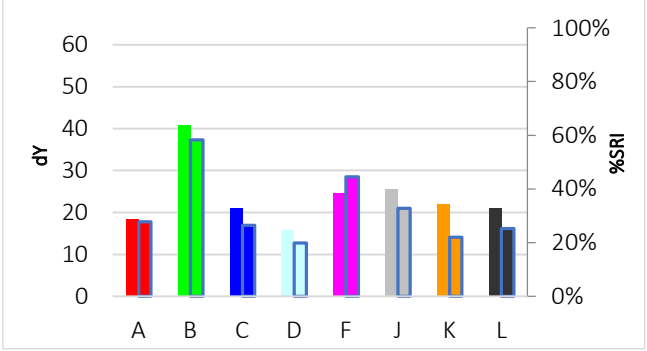


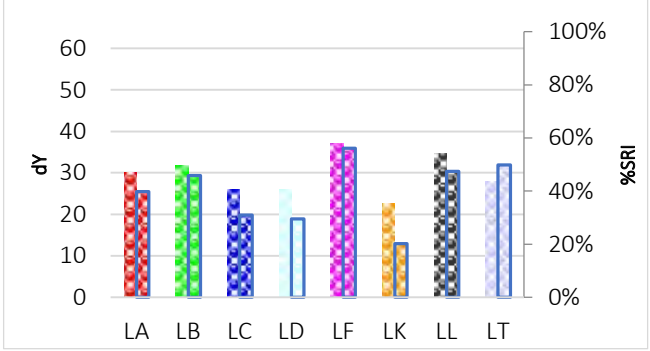


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H226X

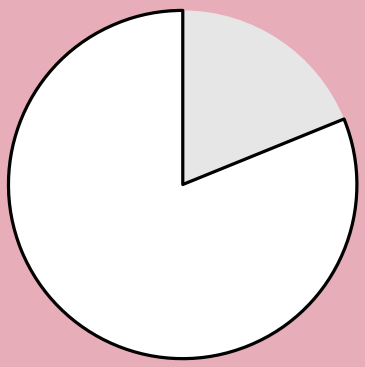
Beef fat/lard, coloured with safe food colourant

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

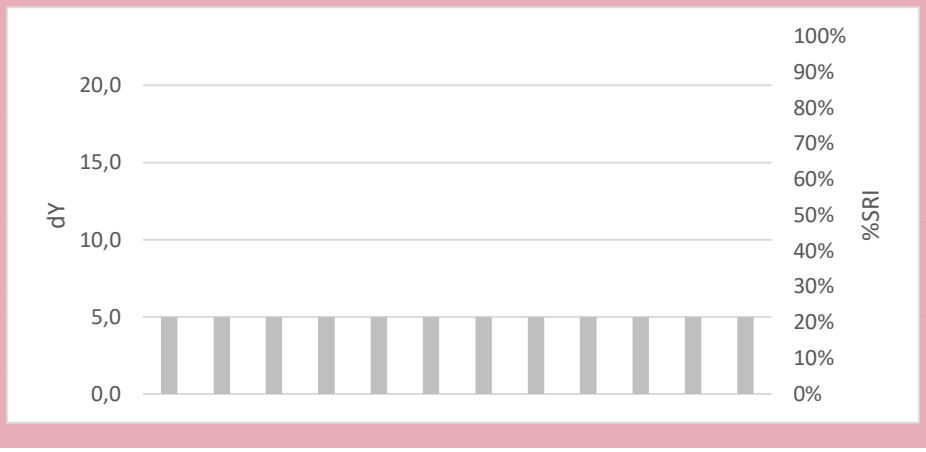
Order Code:	Substrate:	Yu:
C-H226X	Woven Cotton (CN-11 w3x)	90,9
KC-H226X	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H226X	Polyester/Cotton (PCN-01w3x)	87,9
P-H226X	Polyester (PN-01 w3x)	86,5

Detergent Component Response



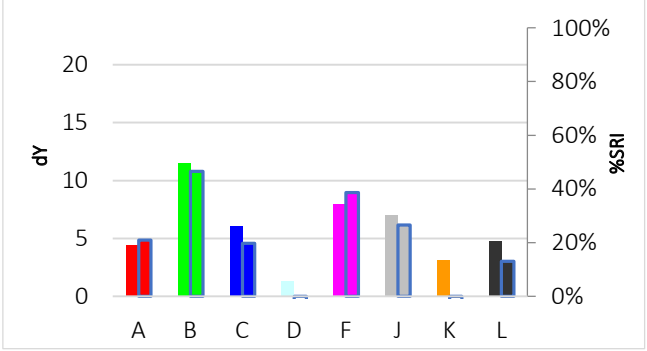
Detergent Dosage/Response & QC

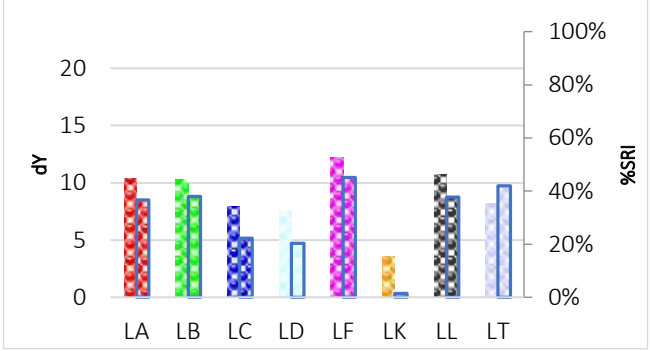


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H227

Goulash

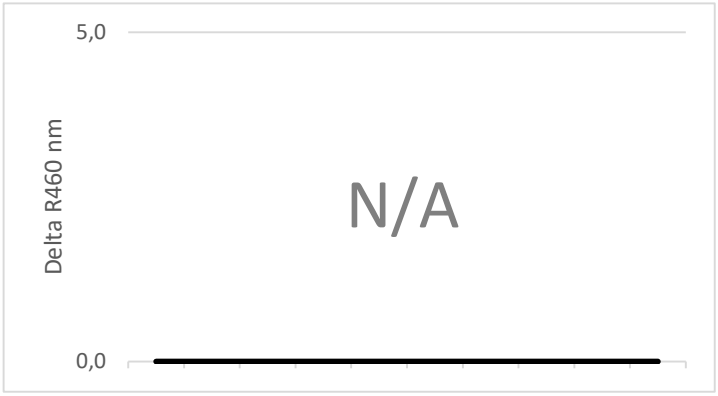
Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

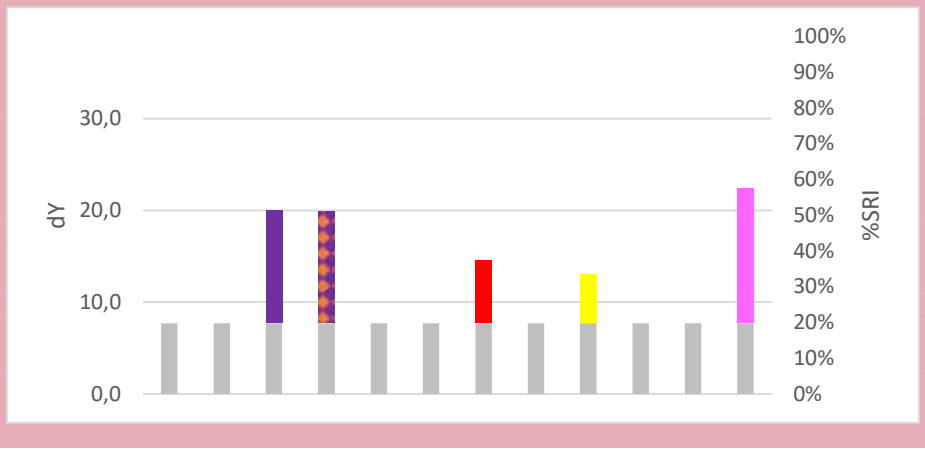
Order Code:	Substrate:	Yu:
C-H227	Woven Cotton (CN-11 w3x)	90,9
KC-H227	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H227	Polyester/Cotton (PCN-01w3x)	87,9
P-H227	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

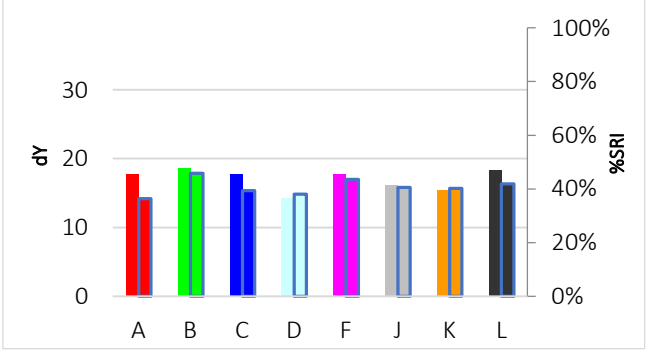


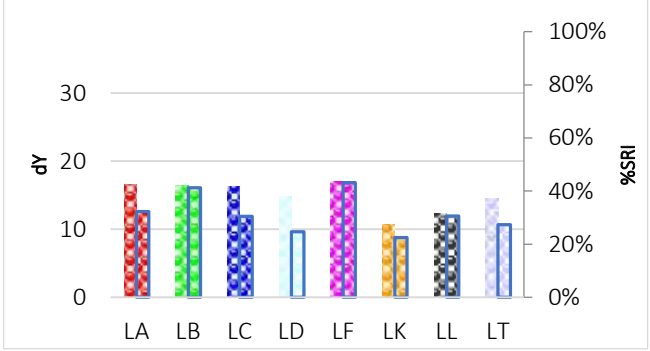


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H228

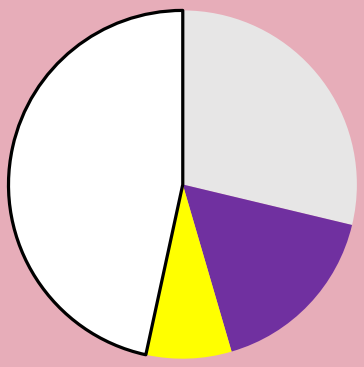
Starch and protein curry

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

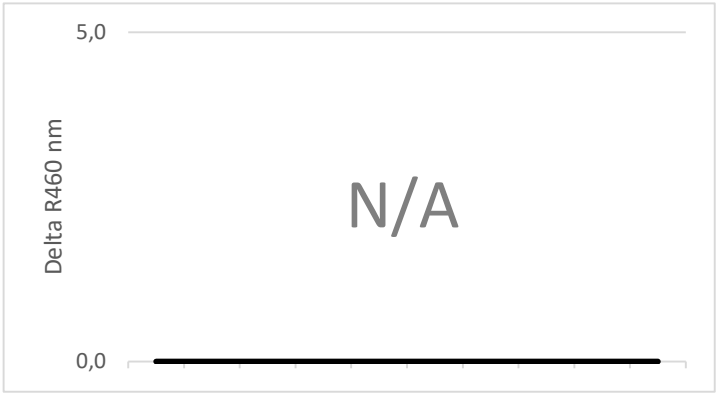
Order Code:	Substrate:	Yu:
C-H228	Woven Cotton (CN-11 w3x)	90,9
KC-H228	Knitted Cotton (CN-42w3x)	94,5

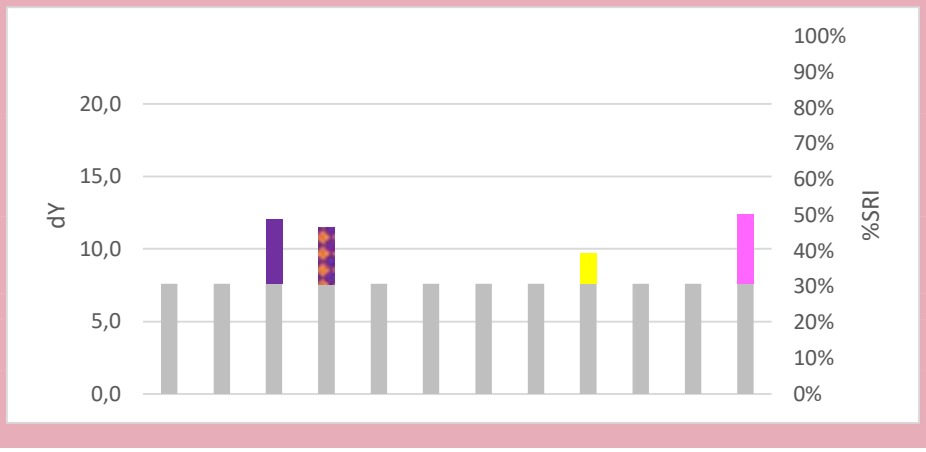
Order Code:	Substrate:	Yu:
PC-H228	Polyester/Cotton (PCN-01w3x)	87,9
P-H228	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

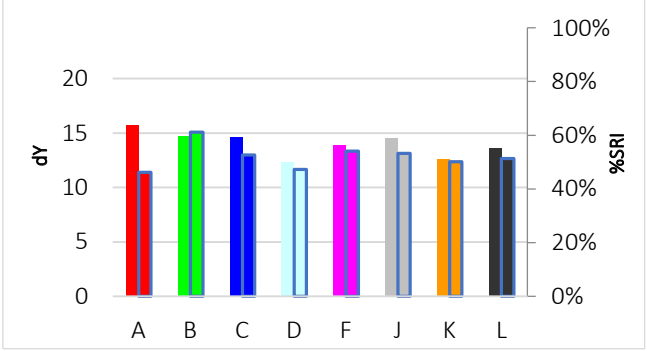


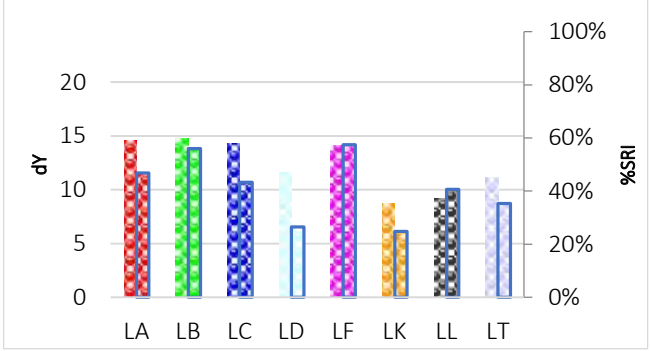


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H229

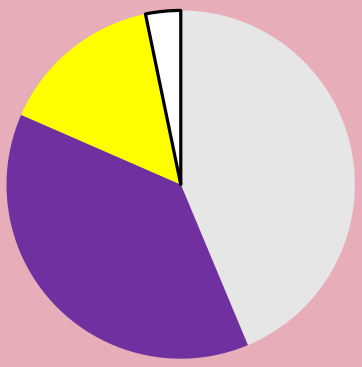
Blood sausage

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★☆☆
Popularity: ★★★★★

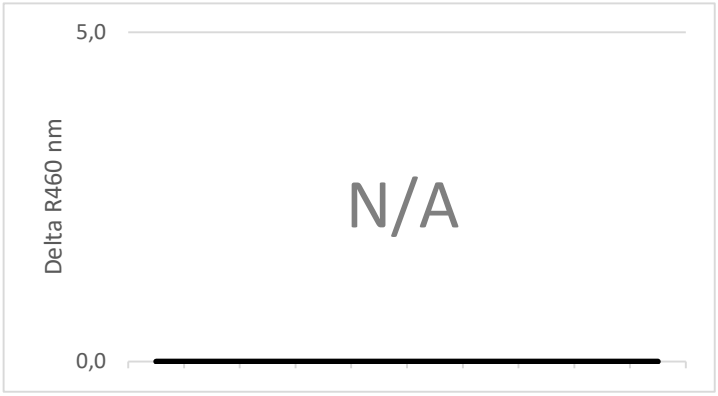
Order Code:	Substrate:	Yu:
C-H229	Woven Cotton (CN-11 w3x)	90,9
KC-H229	Knitted Cotton (CN-42w3x)	94,5

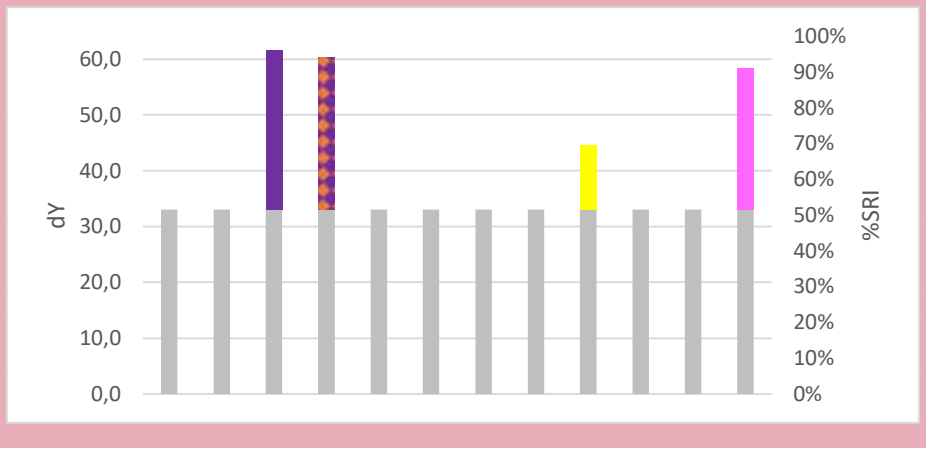
Order Code:	Substrate:	Yu:
PC-H229	Polyester/Cotton (PCN-01w3x)	87,9
P-H229	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

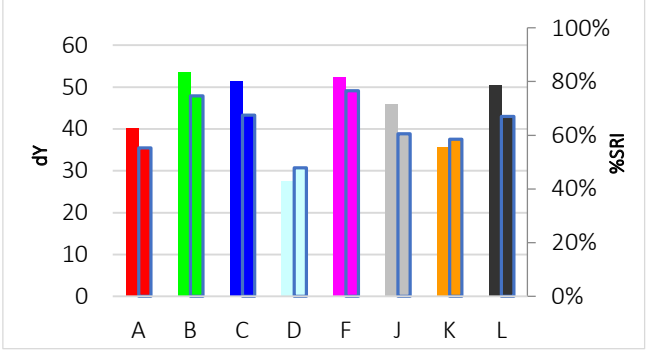


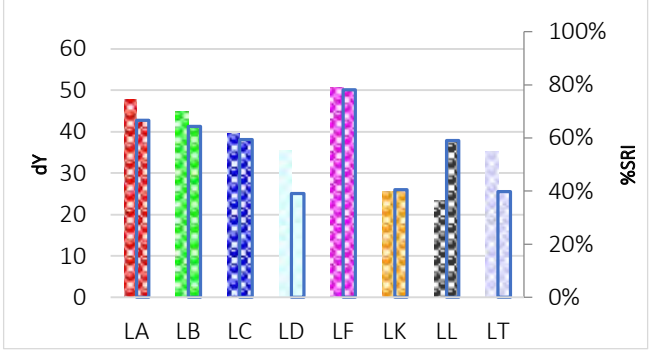


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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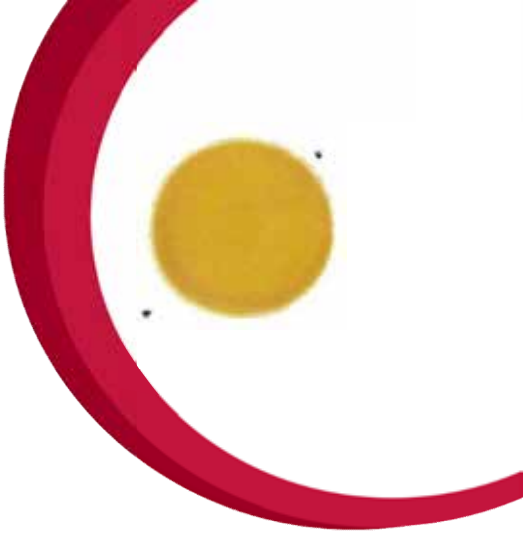
C-H230

Curry, rice, milk

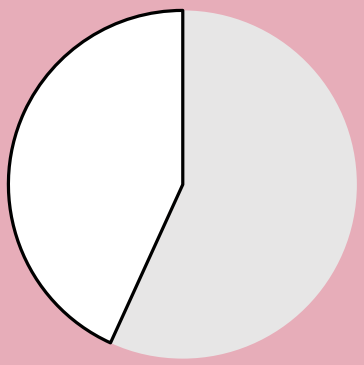


Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

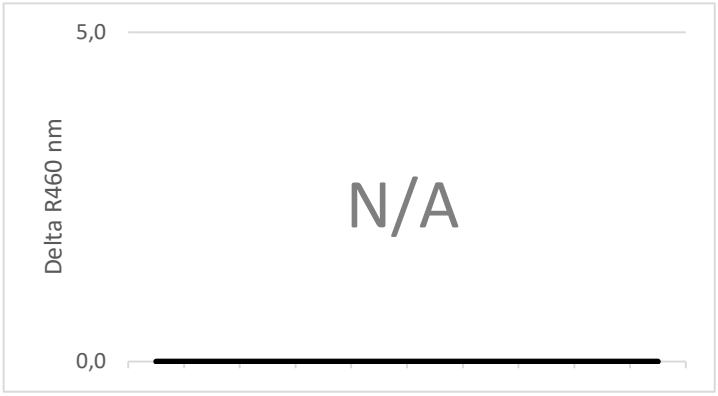
Order Code:	Substrate:	Yu:
C-H230	Woven Cotton (CN-11 w3x)	90,9
KC-H230	Knitted Cotton (CN-42w3x)	94,5

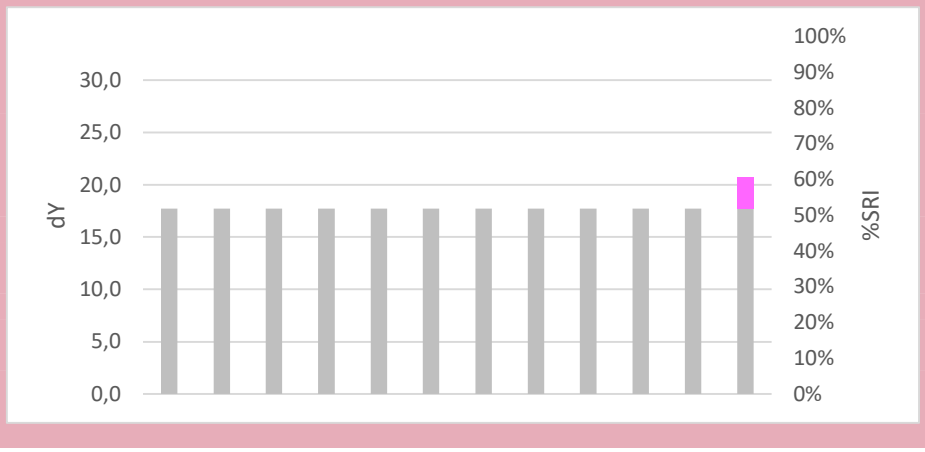
Order Code:	Substrate:	Yu:
PC-H230	Polyester/Cotton (PCN-01w3x)	87,9
P-H230	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

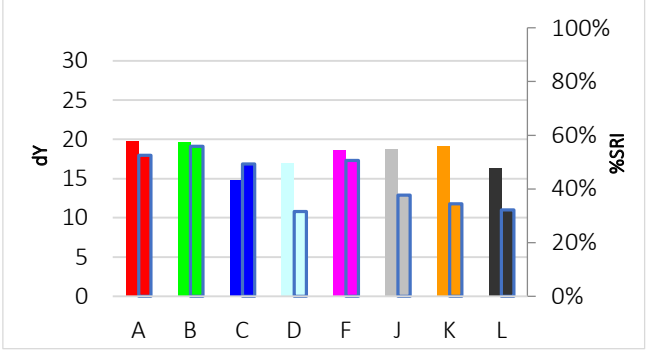


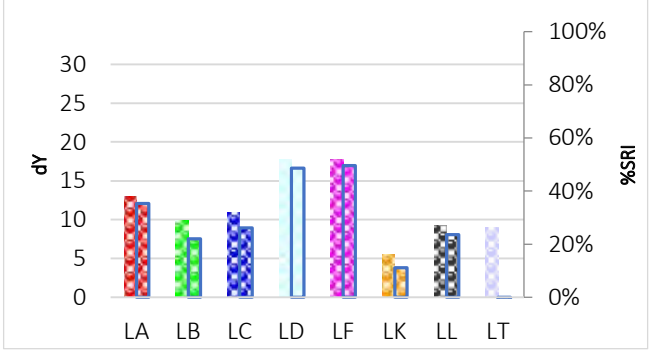


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H231

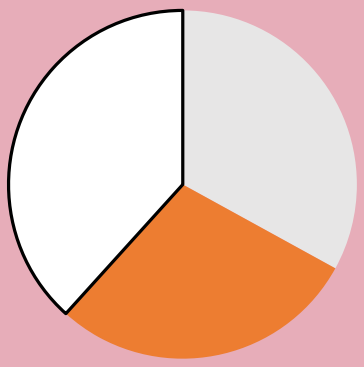
Wild rice

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

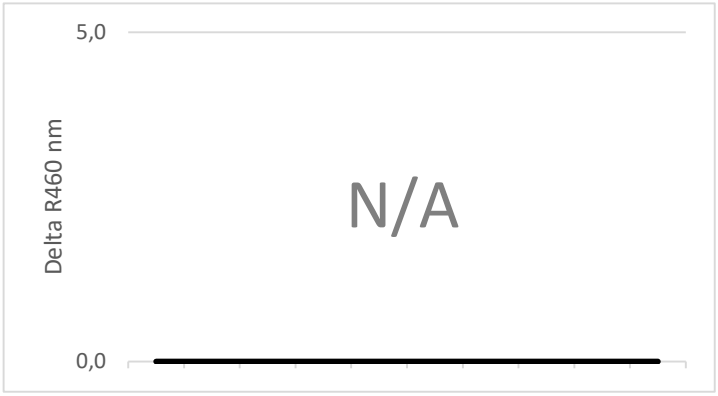
Order Code:	Substrate:	Yu:
C-H231	Woven Cotton (CN-11 w3x)	90,9
KC-H231	Knitted Cotton (CN-42w3x)	94,5

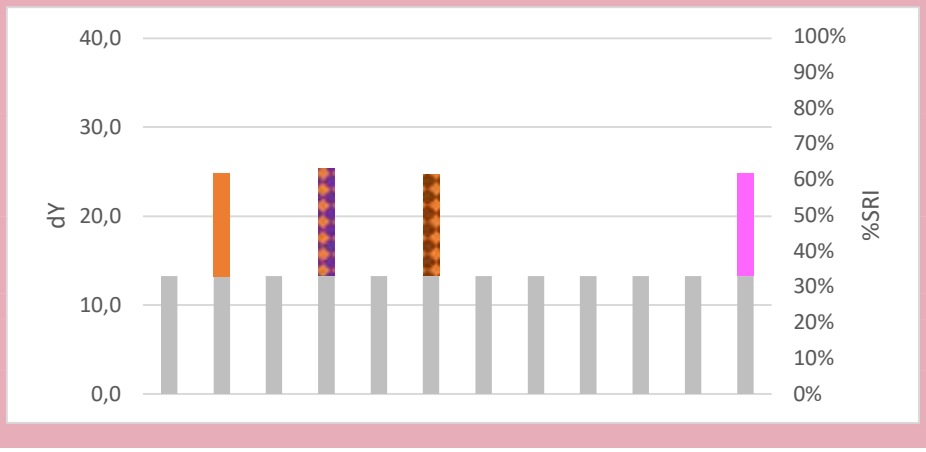
Order Code:	Substrate:	Yu:
PC-H231	Polyester/Cotton (PCN-01w3x)	87,9
P-H231	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

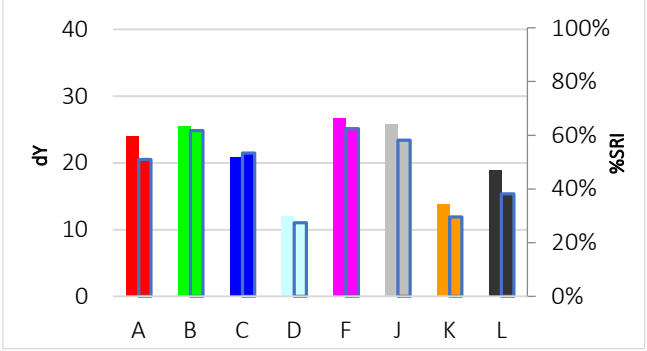


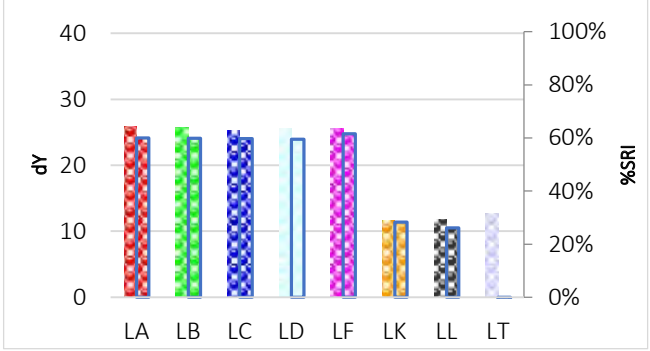


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H232

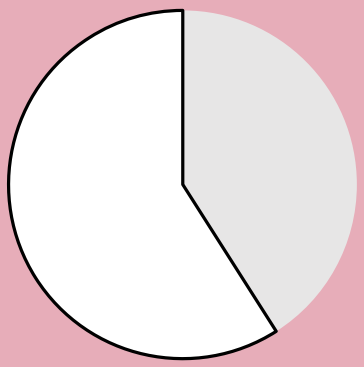
Egg yolk

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★★
Reliability Ratio: ★★★★★
Popularity: ★☆☆☆☆

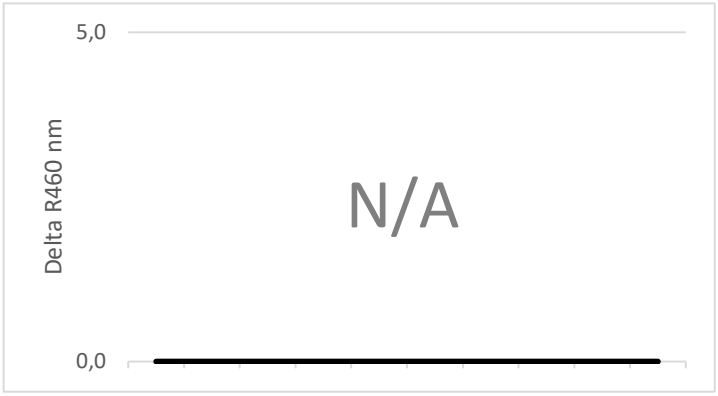
Order Code:	Substrate:	Yu:
C-H232	Woven Cotton (CN-11 w3x)	90,9
KC-H232	Knitted Cotton (CN-42w3x)	94,5

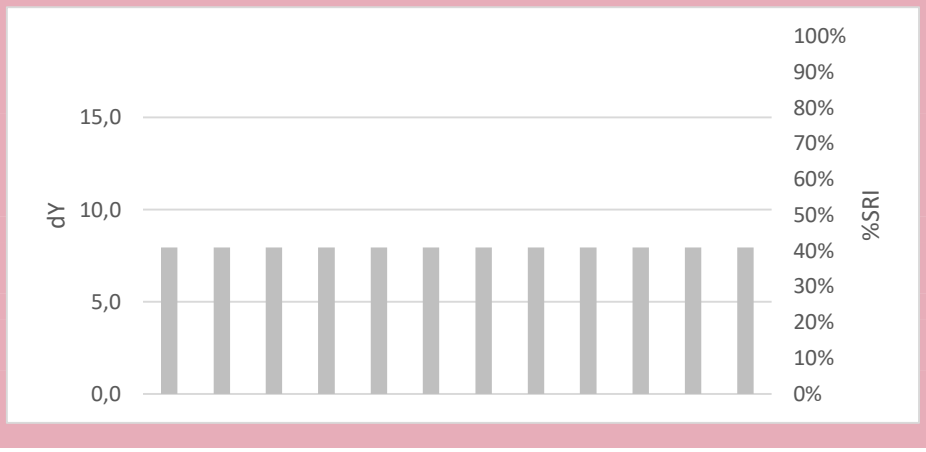
Order Code:	Substrate:	Yu:
PC-H232	Polyester/Cotton (PCN-01w3x)	87,9
P-H232	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

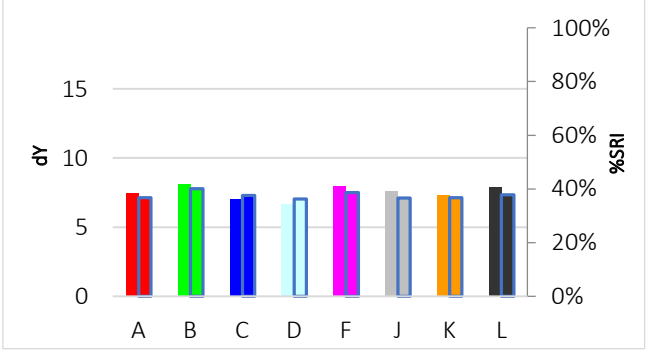


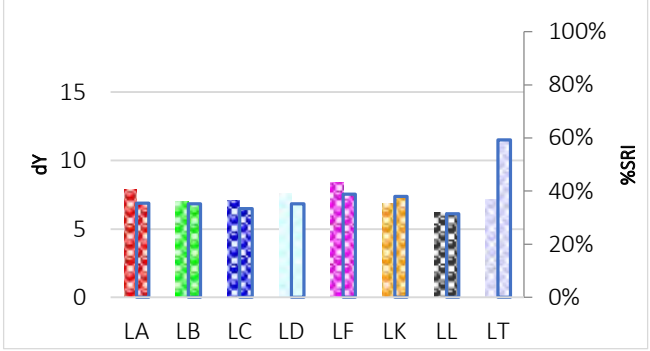


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H233

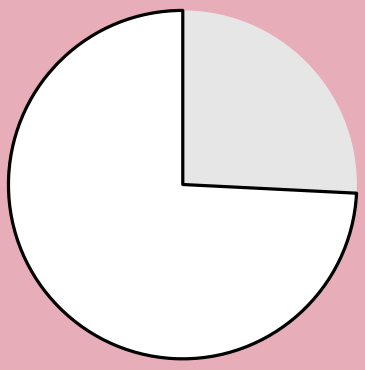
Sunscreen

Discriminative Power: ★☆☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

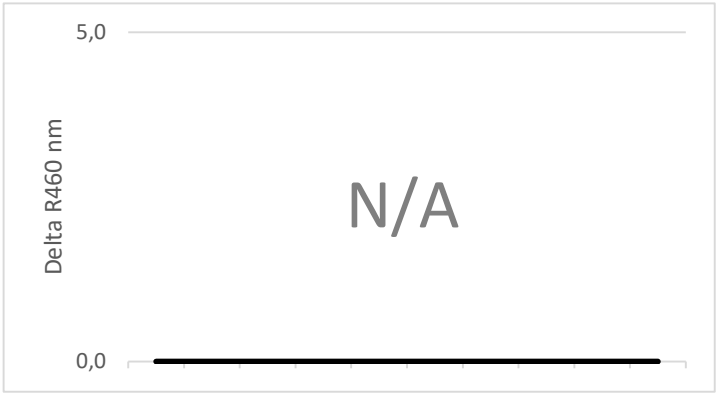
Order Code:	Substrate:	Yu:
C-H233	Woven Cotton (CN-11 w3x)	90,9
KC-H233	Knitted Cotton (CN-42w3x)	94,5

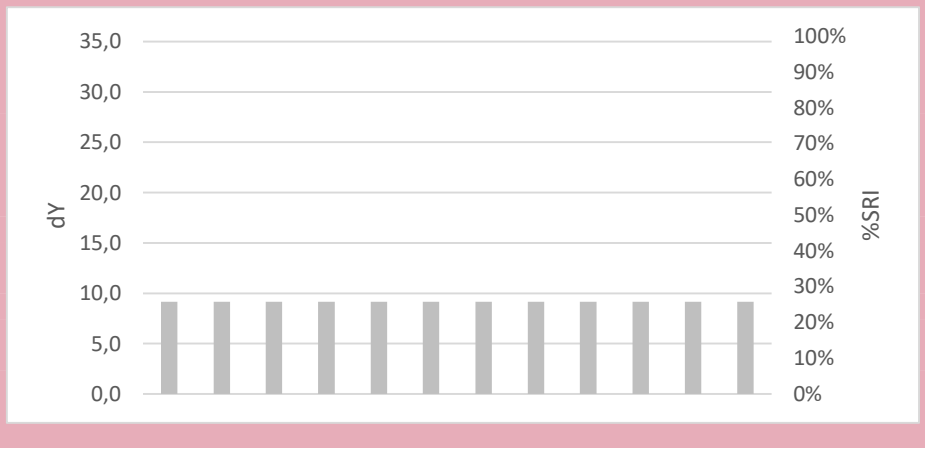
Order Code:	Substrate:	Yu:
PC-H233	Polyester/Cotton (PCN-01w3x)	87,9
P-H233	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

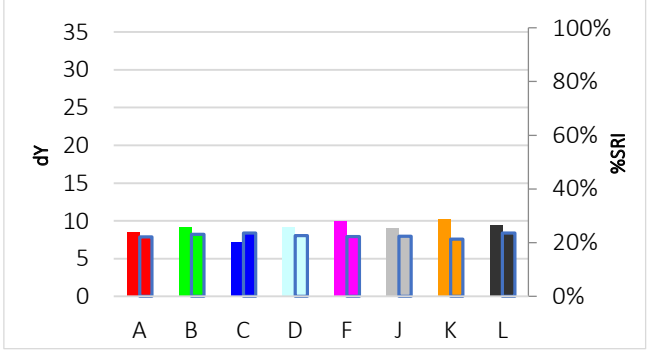


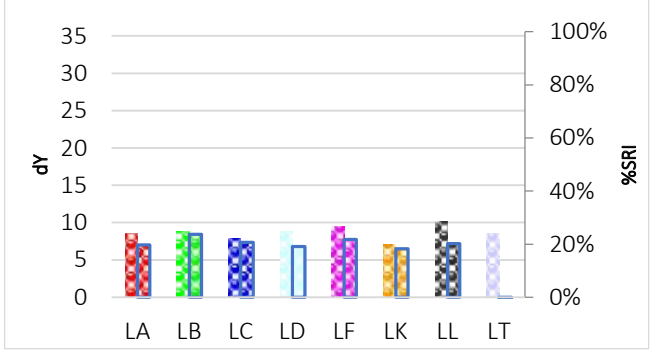


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H234

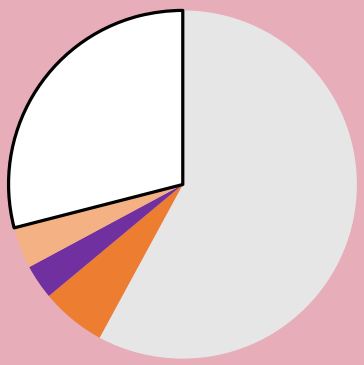
Chocolate syrup

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★☆☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

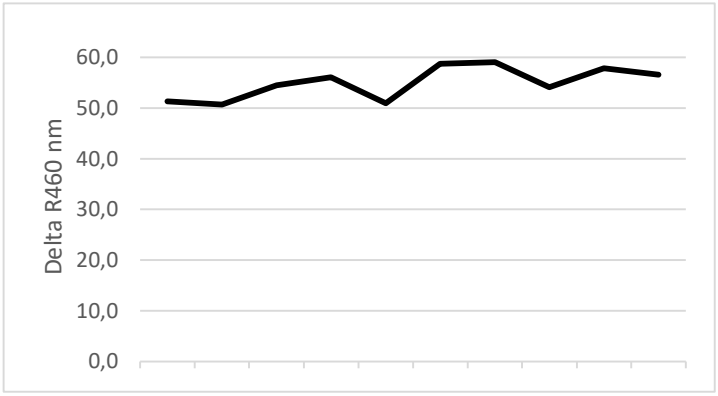
Order Code:	Substrate:	Yu:
C-H234	Woven Cotton (CN-11 w3x)	90,9
KC-H234	Knitted Cotton (CN-42w3x)	94,5

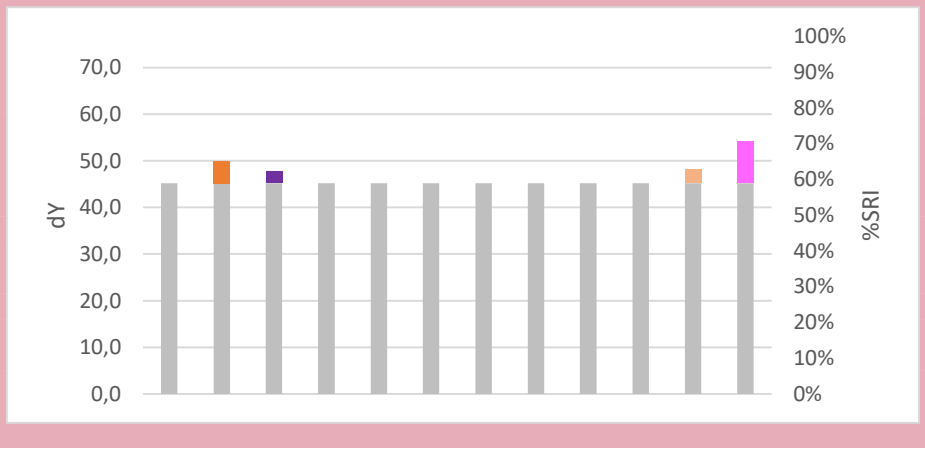
Order Code:	Substrate:	Yu:
PC-H234	Polyester/Cotton (PCN-01w3x)	87,9
P-H234	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

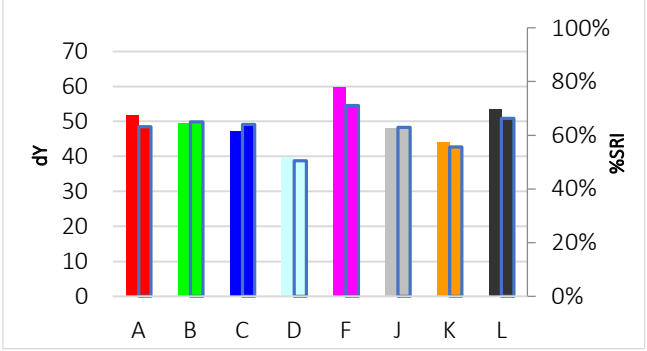


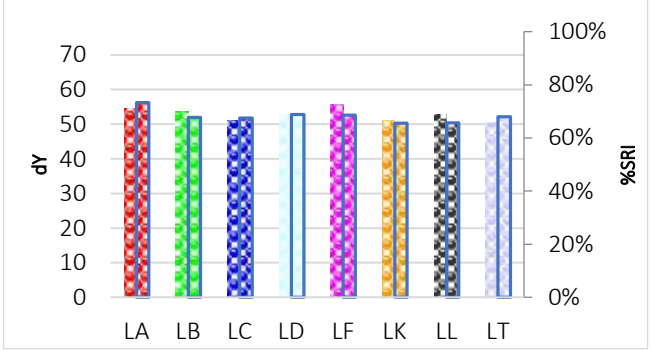


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H235

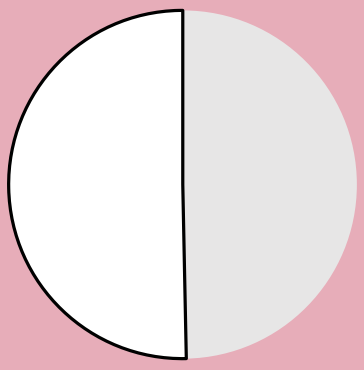
Goulash soup

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

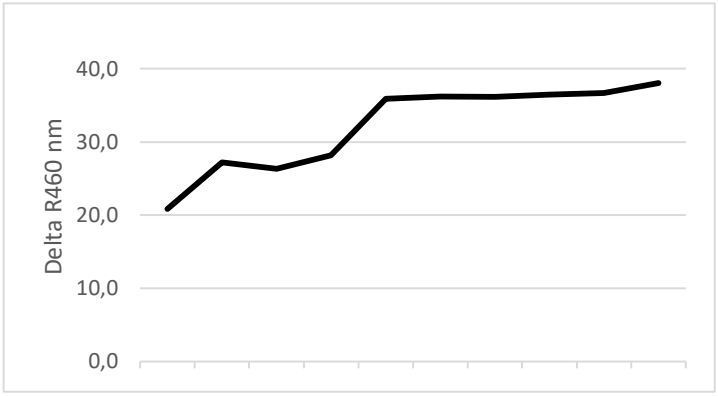
Order Code:	Substrate:	Yu:
C-H235	Woven Cotton (CN-11 w3x)	90,9
KC-H235	Knitted Cotton (CN-42w3x)	94,5

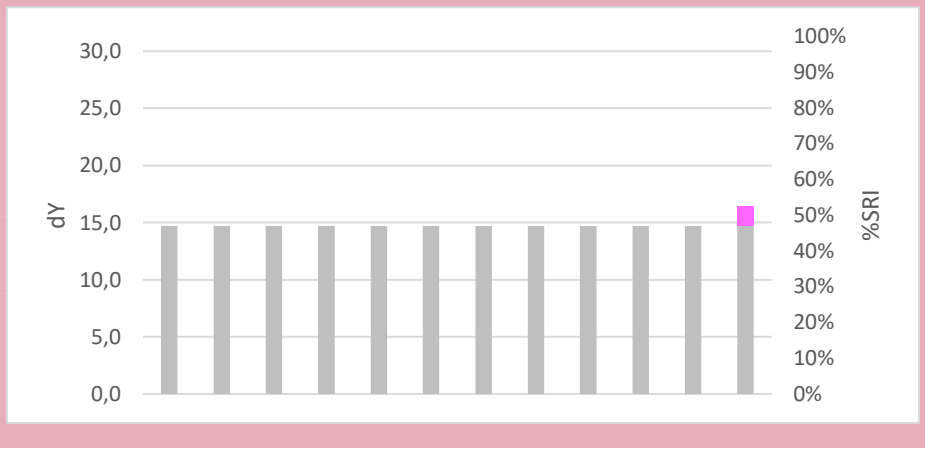
Order Code:	Substrate:	Yu:
PC-H235	Polyester/Cotton (PCN-01w3x)	87,9
P-H235	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

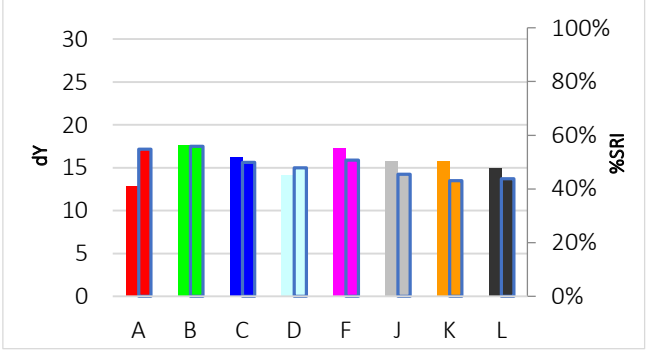


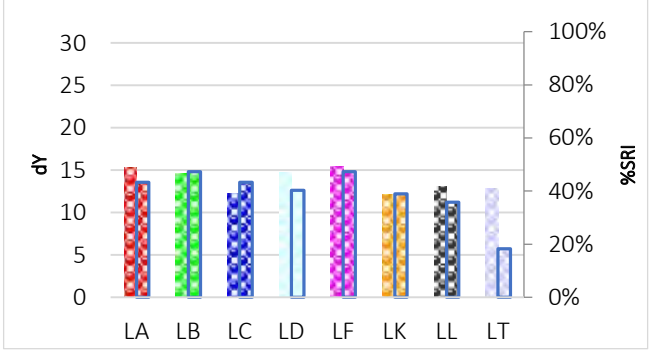


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H236

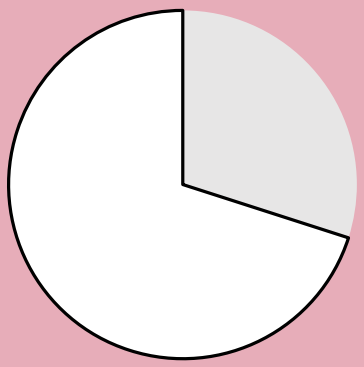
Smoothie, mango/orange

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★☆☆

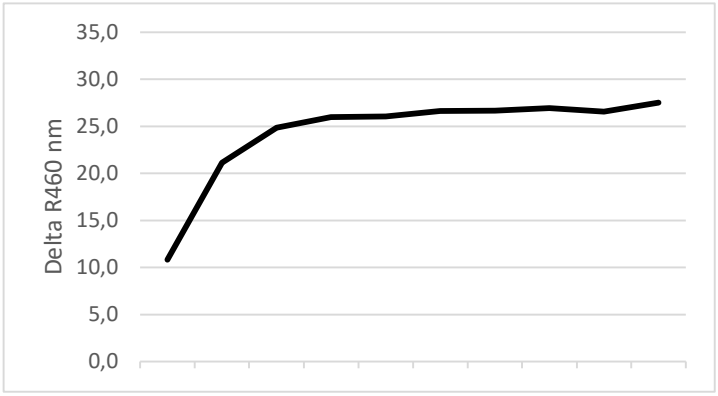
Order Code:	Substrate:	Yu:
C-H236	Woven Cotton (CN-11 w3x)	90,9
KC-H236	Knitted Cotton (CN-42w3x)	94,5

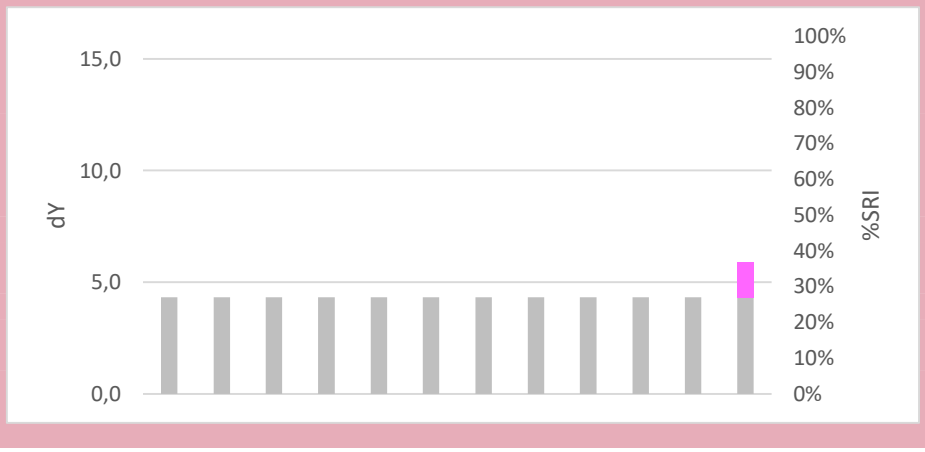
Order Code:	Substrate:	Yu:
PC-H236	Polyester/Cotton (PCN-01w3x)	87,9
P-H236	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

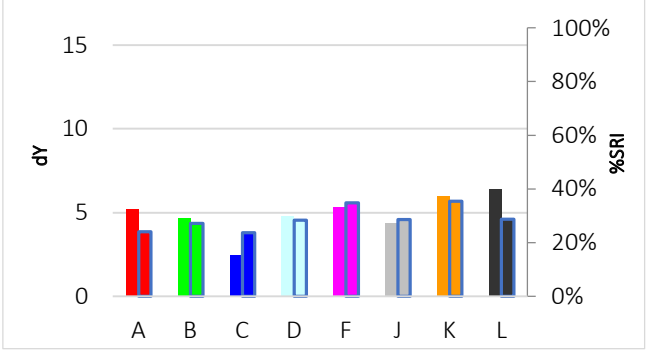


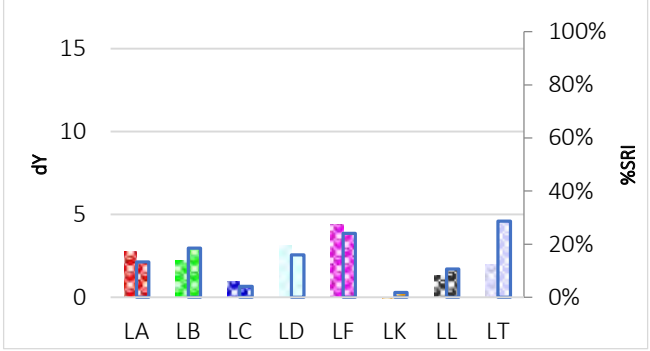


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H237

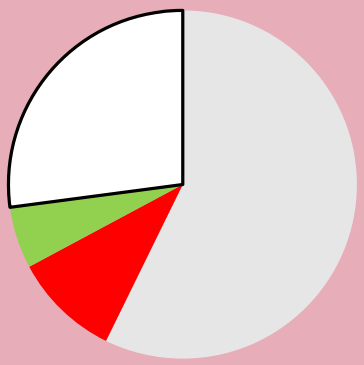
Mascara, waterproof

Discriminative Power: ★★★★☆
Reproducibility Ratio: ★☆☆☆☆
Reliability Ratio: ★☆☆☆☆
Popularity: ★☆☆☆☆

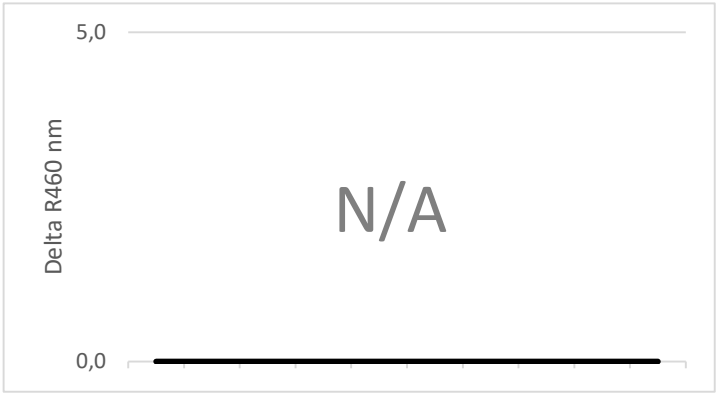
Order Code:	Substrate:	Yu:
C-H237	Woven Cotton (CN-11 w3x)	90,9
KC-H237	Knitted Cotton (CN-42w3x)	94,5

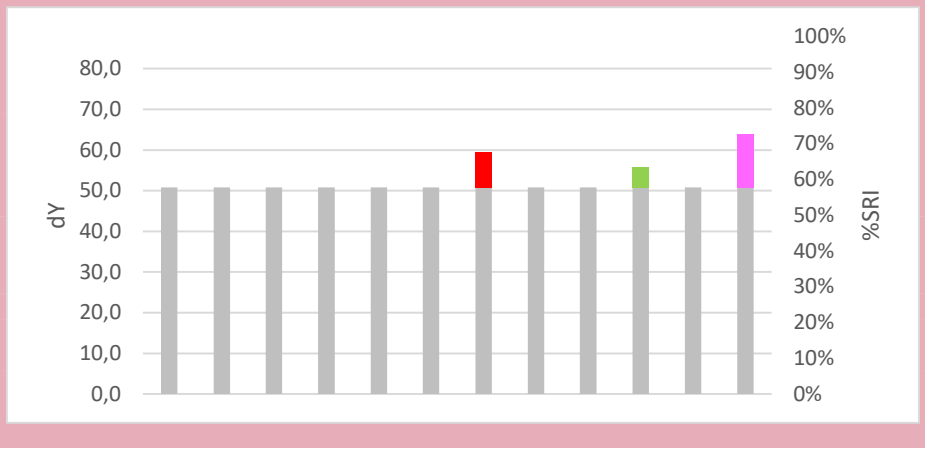
Order Code:	Substrate:	Yu:
PC-H237	Polyester/Cotton (PCN-01w3x)	87,9
P-H237	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

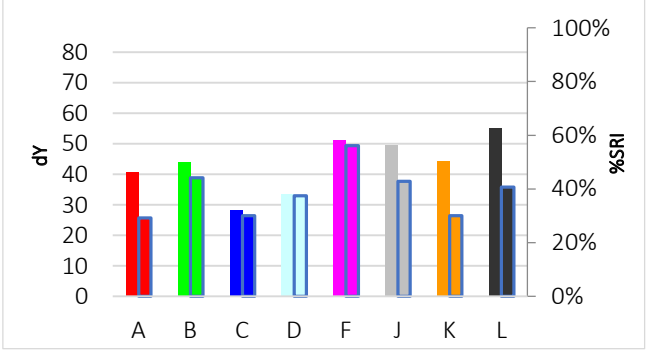


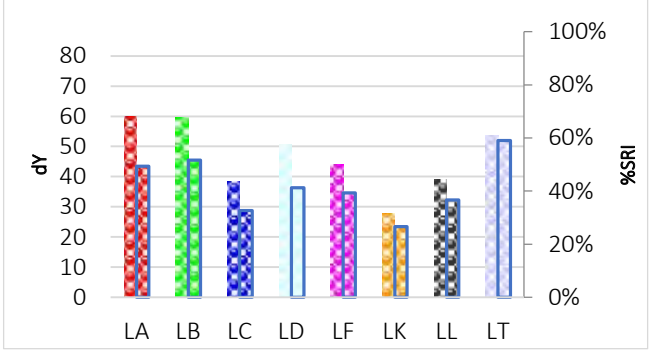


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H239

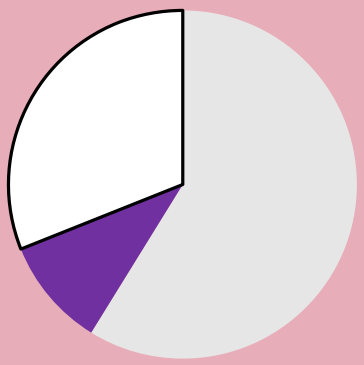
Banana/tomato, fresh

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

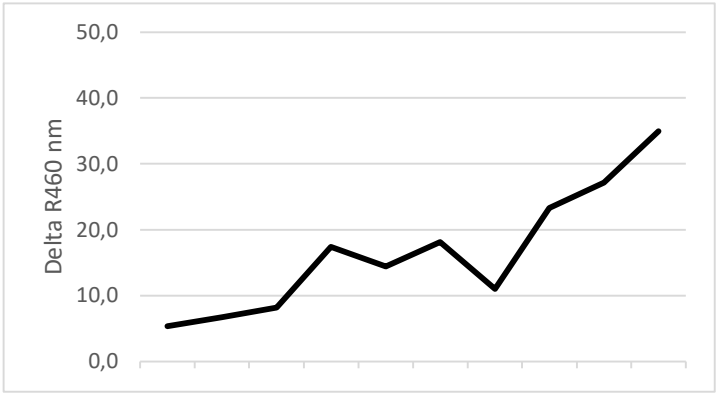
Order Code:	Substrate:	Yu:
C-H239	Woven Cotton (CN-11 w3x)	90,9
KC-H239	Knitted Cotton (CN-42w3x)	94,5

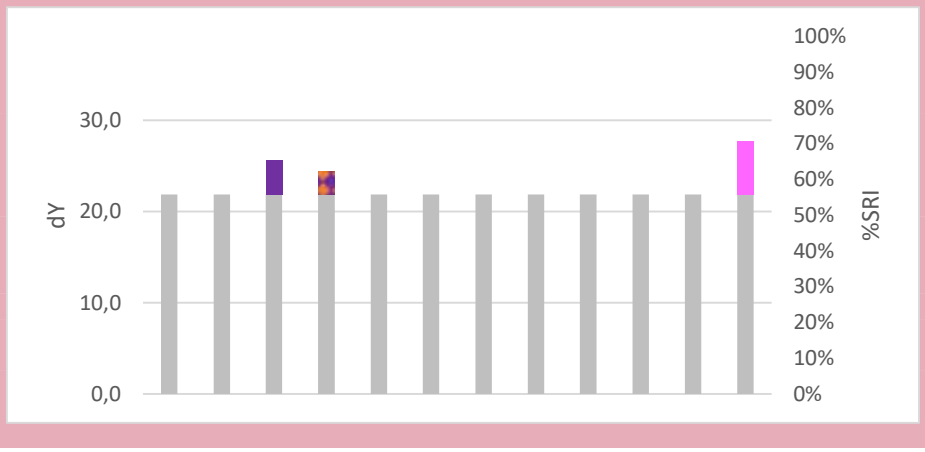
Order Code:	Substrate:	Yu:
PC-H239	Polyester/Cotton (PCN-01w3x)	87,9
P-H239	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

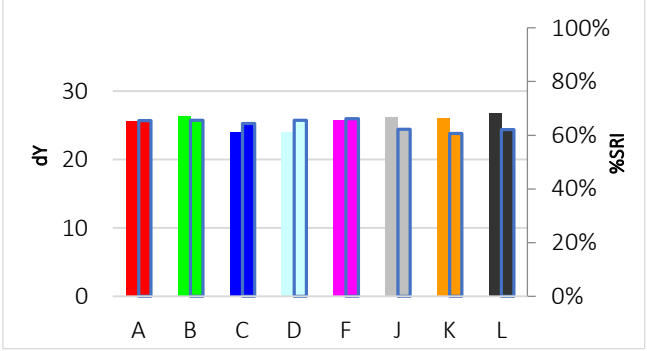


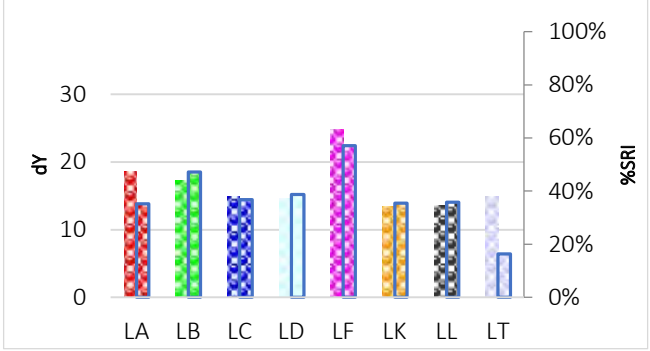


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





CFT
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C-H240

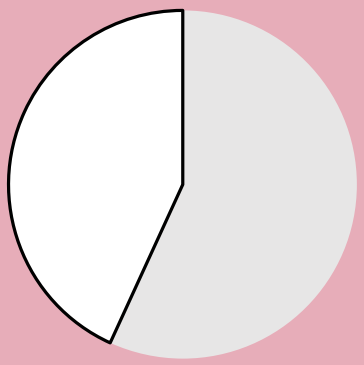
Baby food, tomato ham pasta

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

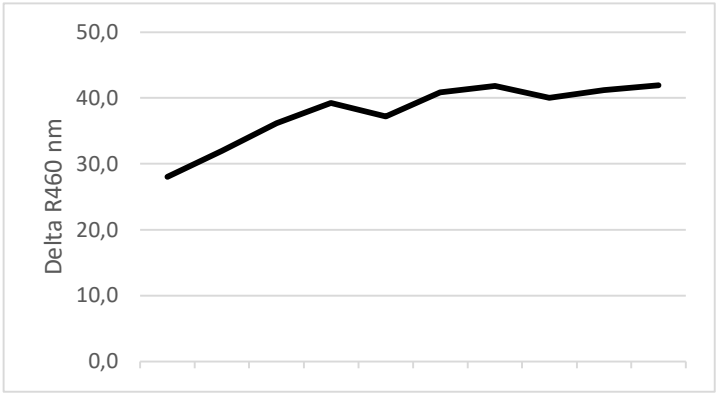
Order Code:	Substrate:	Yu:
C-H240	Woven Cotton (CN-11 w3x)	90,9
KC-H240	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H240	Polyester/Cotton (PCN-01w3x)	87,9
P-H240	Polyester (PN-01 w3x)	86,5

Detergent Component Response



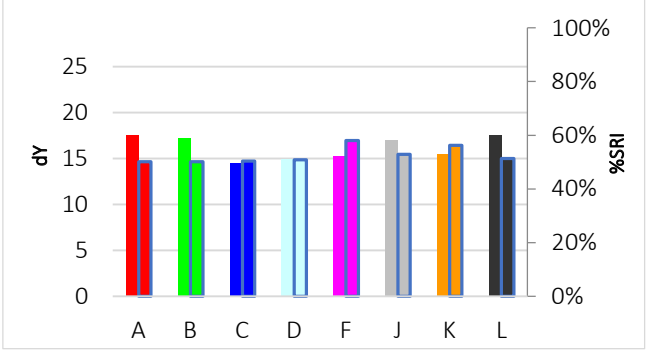
Detergent Dosage/Response & QC

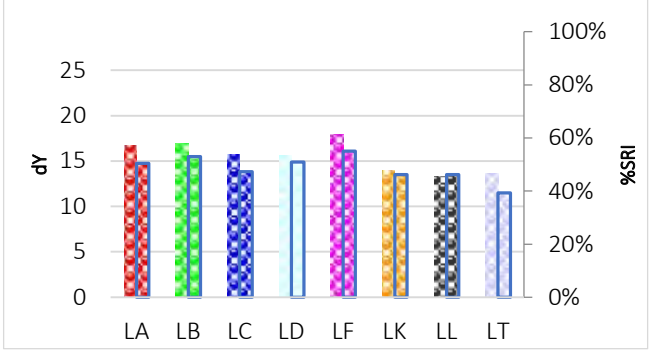


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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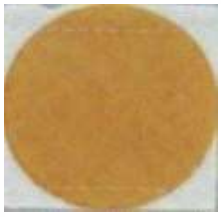
C-H241

Pizza sauce

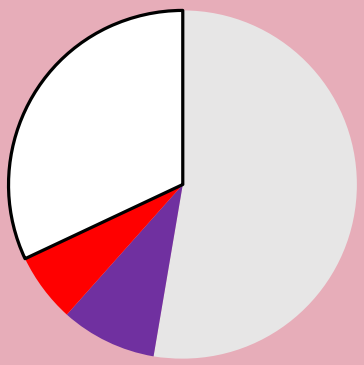


Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★☆☆☆☆

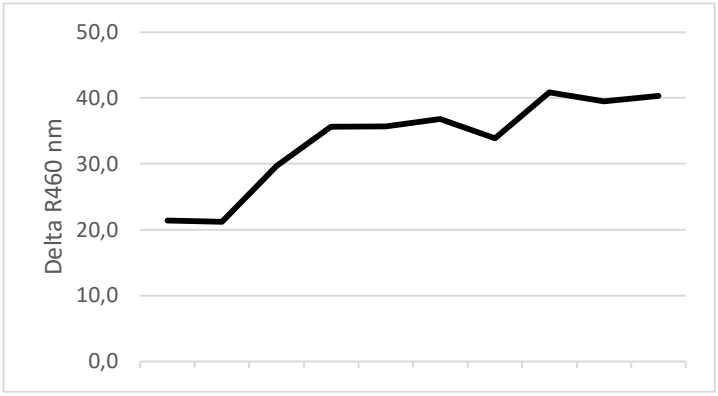
Order Code:	Substrate:	Yu:
C-H241	Woven Cotton (CN-11 w3x)	90,9
KC-H241	Knitted Cotton (CN-42w3x)	94,5

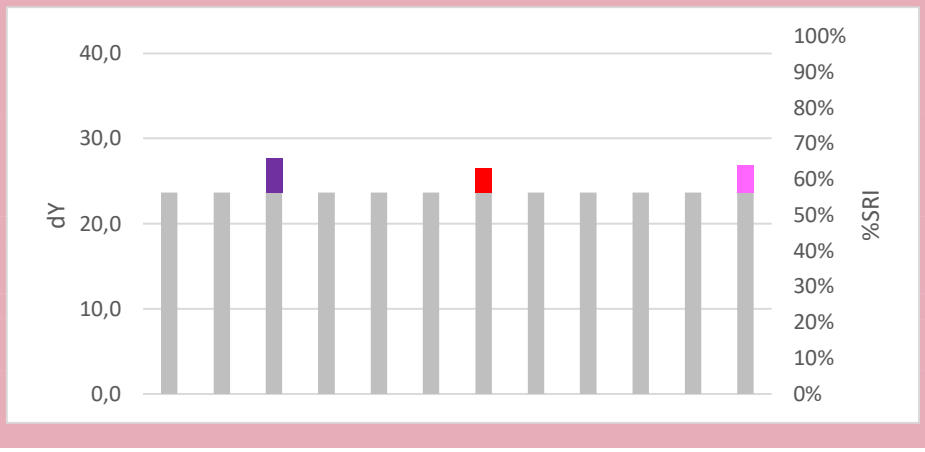
Order Code:	Substrate:	Yu:
PC-H241	Polyester/Cotton (PCN-01w3x)	87,9
P-H241	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

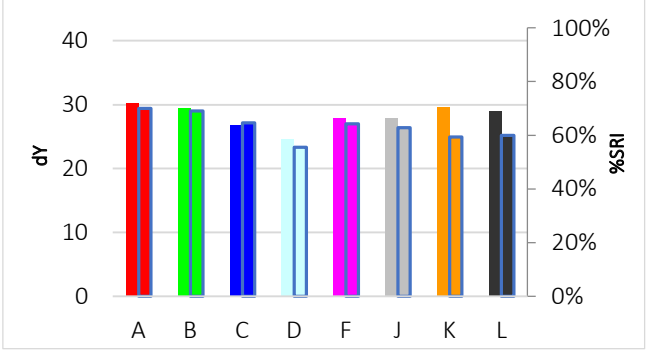


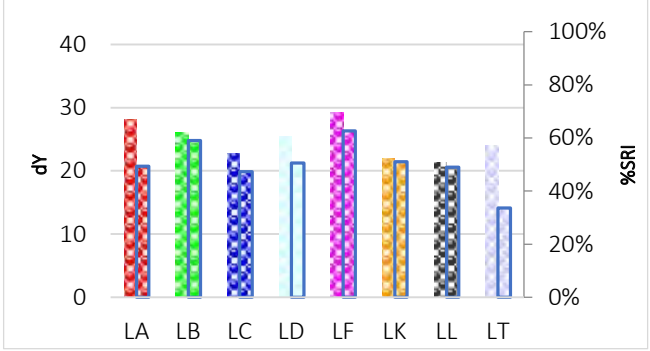


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H242

Direct contact rust

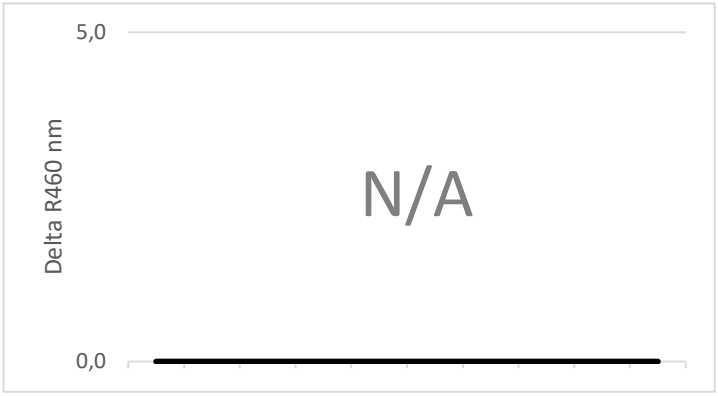
Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★☆☆☆

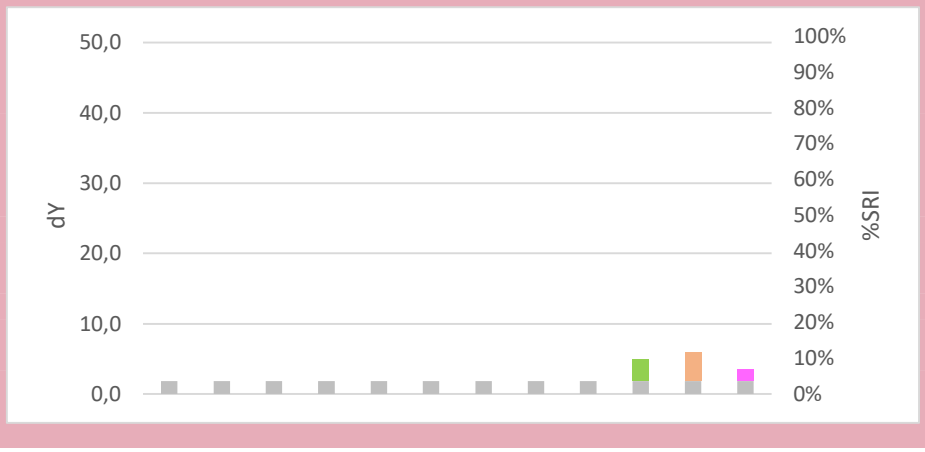
Order Code:	Substrate:	Yu:
C-H242	Woven Cotton (CN-11 w3x)	90,9
KC-H242	Knitted Cotton (CN-42w3x)	94,5

Order Code:	Substrate:	Yu:
PC-H242	Polyester/Cotton (PCN-01w3x)	87,9
P-H242	Polyester (PN-01 w3x)	86,5

Detergent Component Response

Detergent Dosage/Response & QC

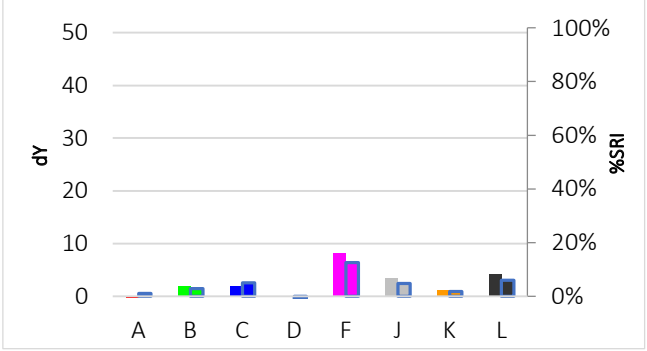


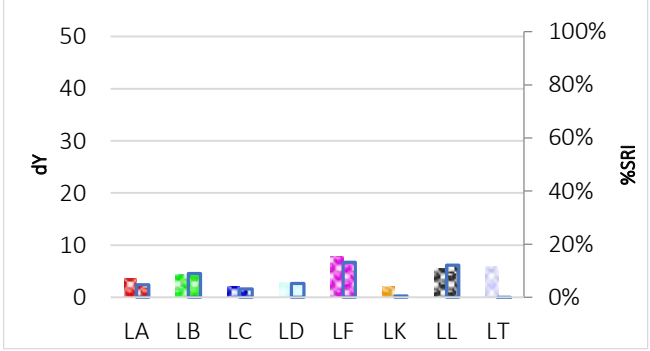


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H243

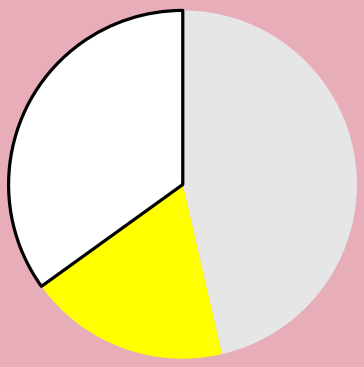
Cranberry

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★☆☆
Popularity: ★☆☆☆☆

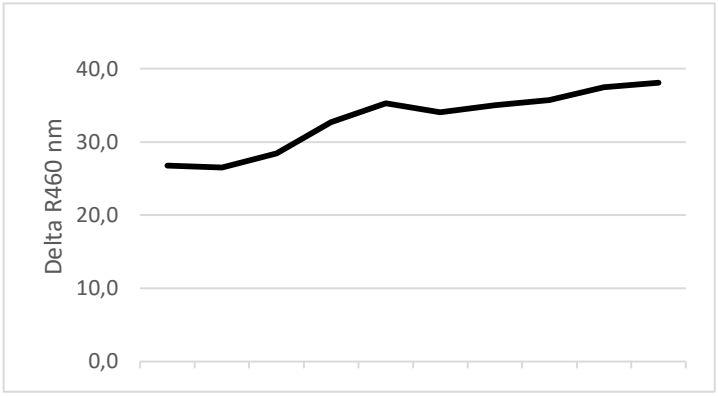
Order Code:	Substrate:	Yu:
C-H243	Woven Cotton (CN-11 w3x)	90,9
KC-H243	Knitted Cotton (CN-42w3x)	94,5

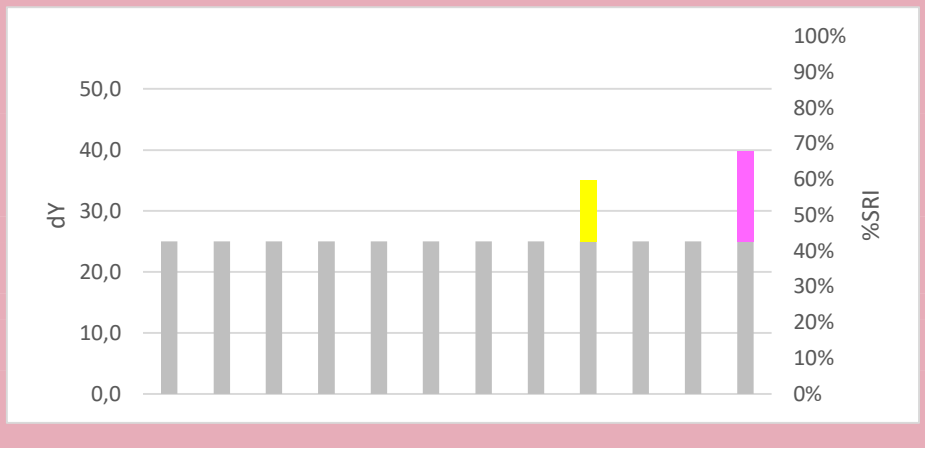
Order Code:	Substrate:	Yu:
PC-H243	Polyester/Cotton (PCN-01w3x)	87,9
P-H243	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

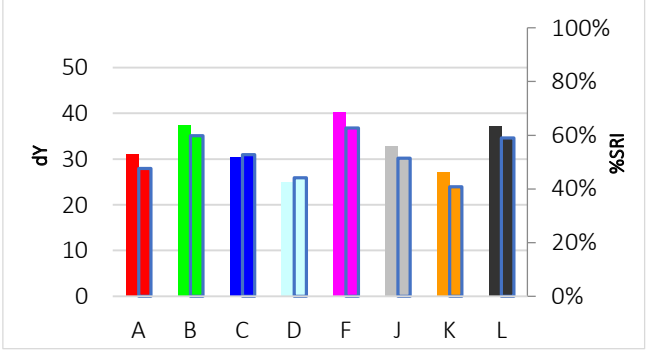


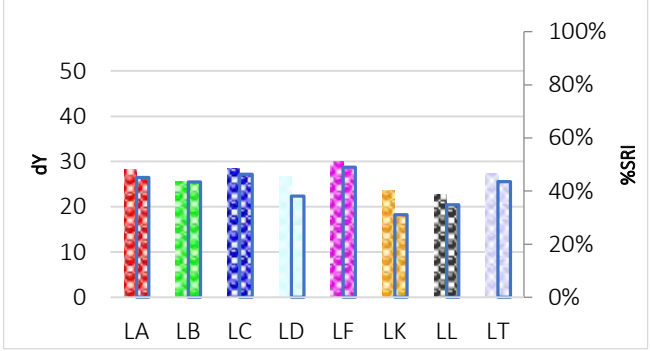


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





C-H252

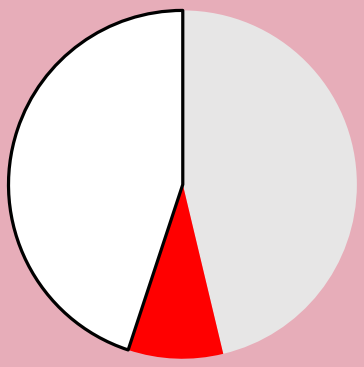
Collar stain, improved

Discriminative Power: ★★★☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★★

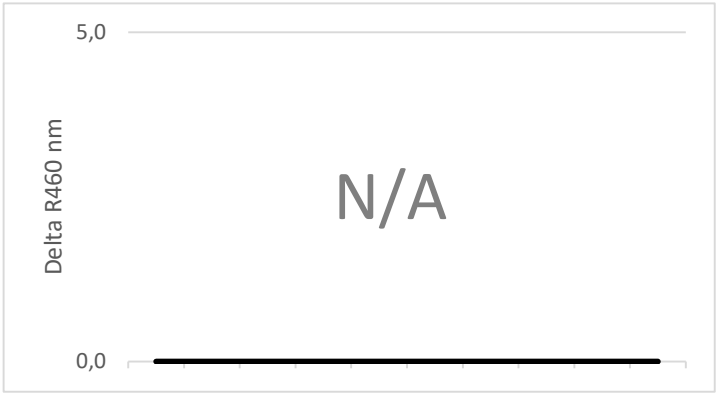
Order Code:	Substrate:	Yu:
C-H252	Woven Cotton (CN-11 w3x)	90,9
KC-H252	Knitted Cotton (CN-42w3x)	94,5

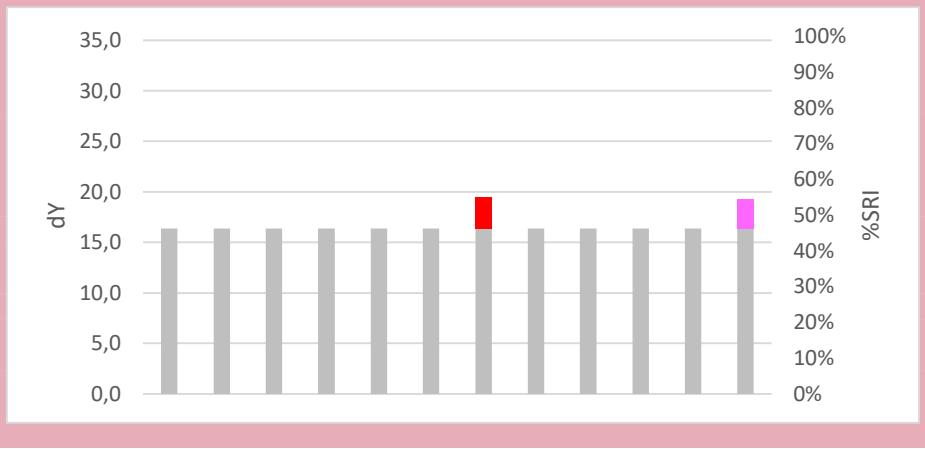
Order Code:	Substrate:	Yu:
PC-H252	Polyester/Cotton (PCN-01w3x)	87,9
P-H252	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

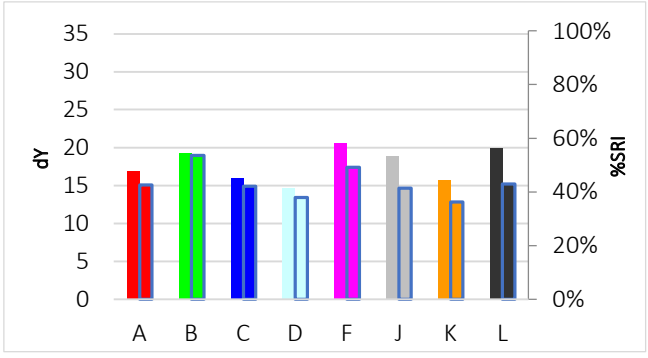


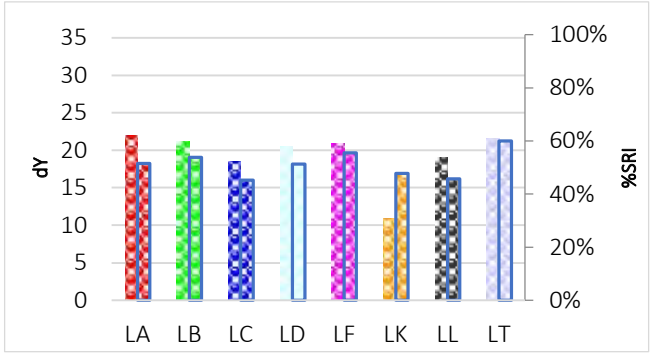


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





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C-H261

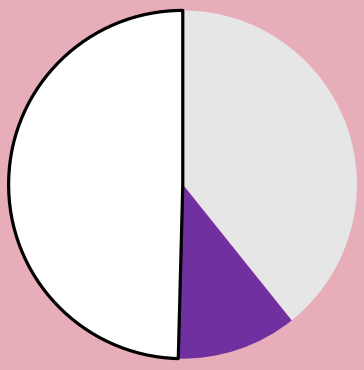
Curry, egg masala

Discriminative Power: ★★☆☆☆
Reproducibility Ratio: ★★★★☆
Reliability Ratio: ★★★★☆
Popularity: ★★★★☆

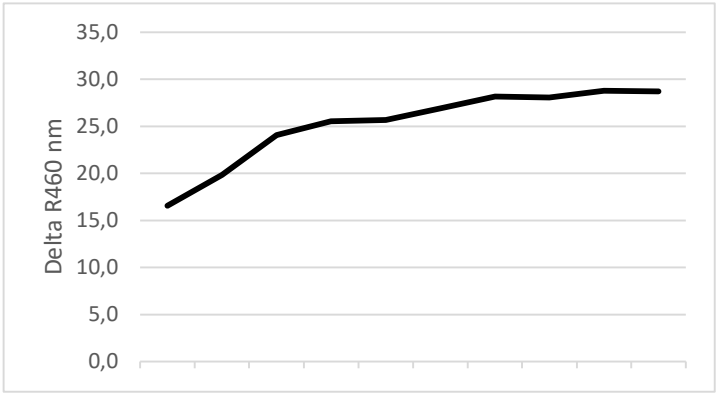
Order Code:	Substrate:	Yu:
C-H261	Woven Cotton (CN-11 w3x)	90,9
KC-H261	Knitted Cotton (CN-42w3x)	94,5

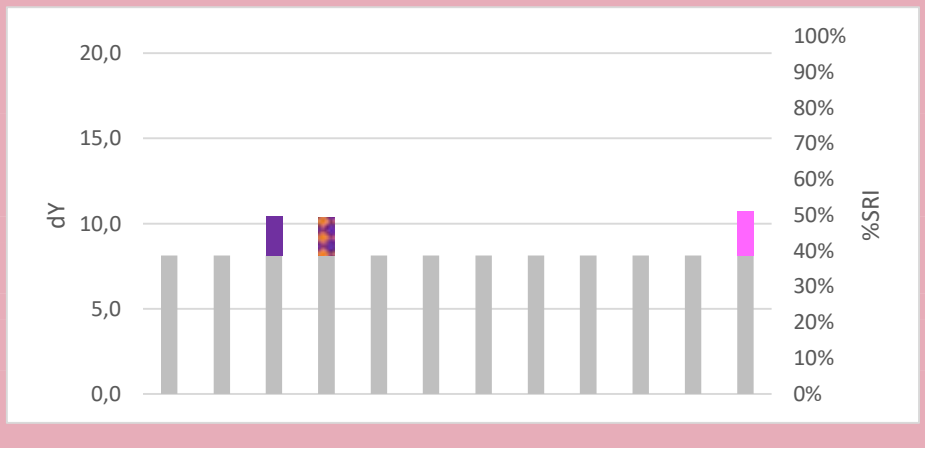
Order Code:	Substrate:	Yu:
PC-H261	Polyester/Cotton (PCN-01w3x)	87,9
P-H261	Polyester (PN-01 w3x)	86,5

Detergent Component Response



Detergent Dosage/Response & QC

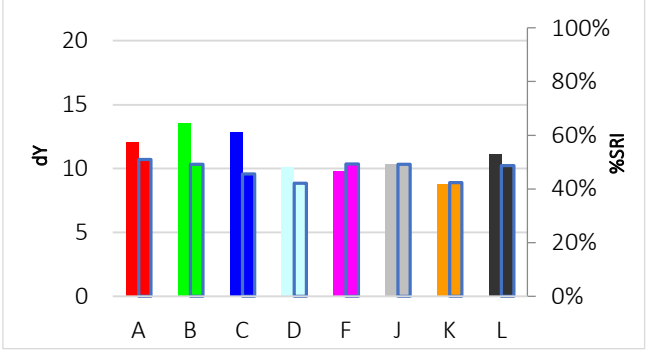


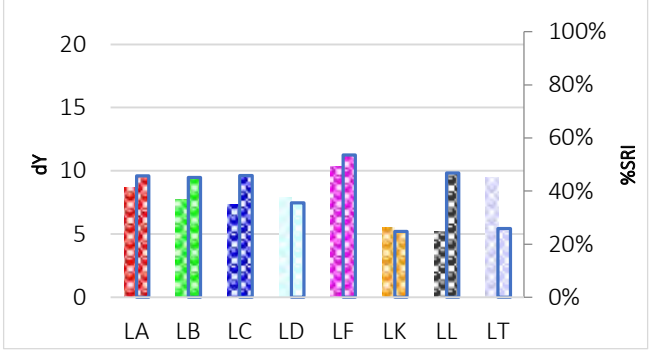


LEGENDA:

- Base Detergency :
- Amylase :
- Protease :
- Syn. Amylase/Protease :
- Mannanase :
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Full Component Mix :
- Soil Remaining Part :

Commercial Detergent Comparison





INDEX A-Z

Code	Description	
C-H201	Acai berries	196
C-H245	Amarena cherry	
C-H088	Animal excrements	88
C-H002	Apple juice	10
C-H003	Apple, freshly squeezed	11
C-H043	Apple, mashed	49
C-H001	Apple, pure concentrate	9
C-H240	Baby food, tomato ham pasta	234
C-H102	Baby food, carrot/potatoes	99
C-H119	Baby food, Grandpa's Sunday Lunch	117
C-H041	Baby food, peach/apricot	47
C-H040	Baby food, strawberry/banana	46
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C-H239	Banana/tomato, fresh	233
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C-H112X	Beef fat, coloured with safe food colour	109
C-H112	Beef fat, coloured with Sudan red	108
C-H212	Beef fat, coloured with violet dye	207
C-H183X	Beef fat, with safe food colourant, red.	177
C-H183	Beef fat, with Sudan Red, reduced dye	176
C-H226	Beef fat/lard, coloured with Sudan Red	220
C-H226X	Beef fat/lard, with safe food colourant	221
C-H159	Beta-carotene	155
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C-H005	Blackberry juice	13
C-H006	Blackcurrant, pure concentrate	14
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