



# THE CFT **SWATCHBOOK**

EDITION 2024.264

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## Introduction

The book in front of you is the Swatchbook. In this book, you can find our entire range of Standardized Testmaterials produced by CFT. This can be a useful tool to help you select the stains that are most suitable for your research.

The Swatchbook contains the following parts: A description of how to use this Swatchbook, an index of our standardized Testmaterials, product sheets with a full description of our Standardized Testmaterials, an application legend, and an index of our Standardized Testmaterials in Alphabetical order.

CFT has two distinctively forms of production methods:

- Standardized Testmaterials
- Circular Stains

This books only contains the Standardized Testmaterials, a separate book is available for our 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.

Useful fact about our Standardized Testmaterials:

- At least usable up to a half year after delivery, as labeled on the package.
- We can die cut the fabrics in almost any size.
- Customized soiling is available on request.

Feel free to contact us if you have any further questions.

### **Center For Testmaterials B.V.**

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## How to use this swatchbook


The picture below is an example of a product sheet of one of our Standardized Testmaterials. The other pictures show a breakdown of this description.

**1**

**C-S-28**

**2**

**Rice starch, coloured**



**3**

**4**

Discriminative Power: ★★☆☆☆

Reproducibility: ★★☆☆☆

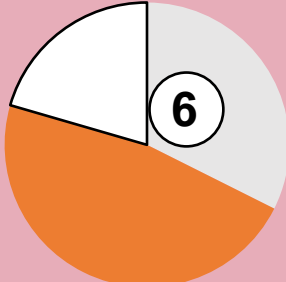
Reliability Rate: ★★☆☆☆

Popularity: ★★☆☆☆

Order Code:	Substrate:	Width:	Yu:
C-S-28	Woven Cotton (T-400)	90 cm	88,9
KC-S-28	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-28	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-28	Polyester (PN-01)	90 cm	86,5

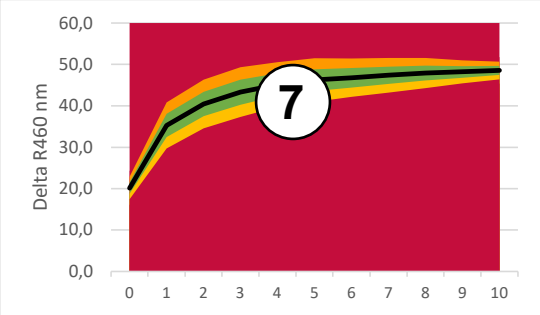
Order Code:	Substrate:	Width:	Yu:
PA-S-28	PolyAcryl (PAN-01)	45 cm	89,3
S-S-28	Silk (T-601)	45 cm	83,9
W-S-28	Wool (T-541)	45 cm	67,2
N-S-28	Nylon (T-365)	45 cm	87,4

**Detergent Component Response**



**6**

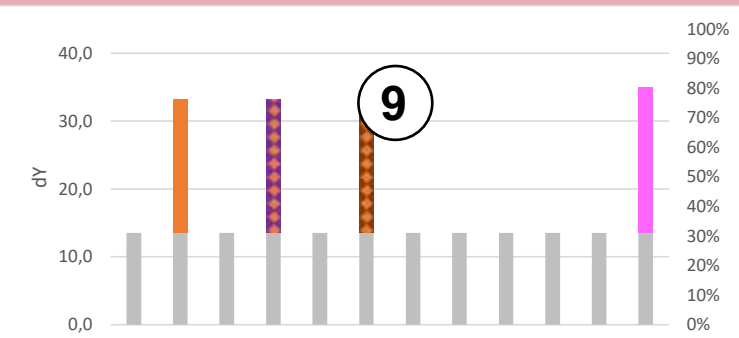
**Detergent Dosage/Response & QC**



**7**

**8**

IEC-A\* + Amylase



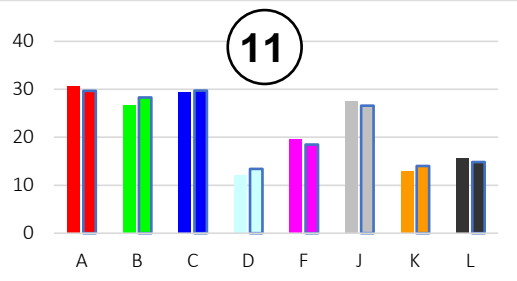
**9**

**LEGENDA:**

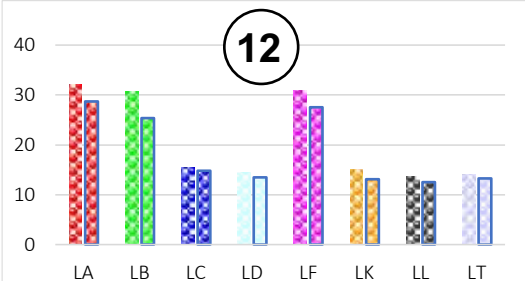
- Base Detergency :
- Amylase :
- Prot...
- Syn. Amylase/Prot...
- Mannan...
- Syn. Amylase/Mannanase :
- Lipase :
- Pectinase :
- Bleach :
- Surfactant :
- Builder :
- Synthesis Full :
- Base Detergency :

**10**

**Commercial Detergent Comparison**



**11**



**12**

1. The CFT code of the soil (on woven cotton).
2. Soil name.
3. Example of the standardized test material on woven cotton.

#### 4. Discriminative Power

Discriminative Power Index (1-5 stars):

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

CFT developed this way of quantifying the Discriminative Power of a Test material several years ago. It is based on the sum of the significance (Student T-Test) of all different results (in  $\Delta Y$ ) 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  $\Delta Y$  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 40°C. The bar with the blue outline is showing the results on 25 °C.
12. Comparison of commercial liquid detergents. The different colors represent different liquid detergents. The left bar shows the results on 40°C. The bar with the blue outline is showing the results on 25 °C.

Code	Description		Code	Description	
	<b>AS-series</b>				
C-01	Mineral oil with carbon black	9	C-S-29	Tapioca starch, coloured	66
C-01S	Mineral oil with carbon black - improved	10	C-S-126	Corn starch, coloured, aged	67
C-02	Olive oil with carbon black with TA	11	C-S-127	Potato starch, coloured, aged	68
C-03	Chocolate milk with carbon black	12	C-S-128	Rice starch, coloured, aged	69
C-04	Olive oil with chlorophyll with TA	13	C-S-129	Tapioca starch, coloured, aged	70
C-05	Blood, Milk, Ink (BMI)	14	C-S-32	Sebum BEY with carbon black	71
C-105	Blood, Milk, less Ink	15	C-S-132	High discriminative sebum BEY, pig.	72
C-07	Motor oil with carbon black	16	C-S-33	Sebum TEFO with carbon black	73
C-08	Pigment with oil (above 60°C)	17	C-S-34	Curry	74
C-09	Pigment with oil (below 60°C)	18	C-S-35	Egg yolk, aged	75
C-10	Pigment, Oil, Milk (POM)	19	C-S-36	Egg yolk with carbon black	76
C-11	Milk with carbon black	20	C-S-37	Full egg with carbon black	77
C-12	Pigment, oil, low milk content	21	C-S-38	Egg yolk with carbon black, aged	78
C-13	Soot, water solvable thickening agent	22	C-S-39	Full egg with carbon black, aged	79
	<b>BC-series</b>		C-S-40	Yellow modelling clay	80
C-BC-01	Tea for bleach (med./high temp)	24	C-S-41	Black laboratory clay	81
C-BC-02	Coffee for bleach	25	C-S-42	Standard clay	82
C-BC-03	Tea for bleach (low temperatures)	26	C-S-43	Guar gum with carbon black	83
C-BC-04	Curry for bleach	27	C-S-44	Chocolate drink, pure	84
C-BC-05	Red beet for bleach	28	C-S-45	Chocolate soymilk drink, aged	85
C-BC-06	Strawberry for bleach	29	C-S-46	Frying fat, used	86
	<b>CS-series</b>		C-S-46B	Frying fat, used, coloured violet dye	87
C-S-01	Blood, aged	31	C-S-46C	Frying fat, burnt, with carbon black	88
C-S-101	Blood, slightly aged	32	C-S-47	Tea, aged	89
C-S-02	Cocoa, aged	33	C-S-48	Tea with milk, aged	90
C-S-03	Wine, aged	34	C-S-49	Coffee, black, aged	91
C-S-103	Wine	35	C-S-50	Coffee, black, espresso, aged	92
C-S-04	Saturated with coloured olive oil	36	C-S-51	Coffee with milk, aged	93
C-S-05S	Mayonnaise with carbon black	37	C-S-52	Coffee with cream, aged	94
C-S-06	Salad dressing with natural black	38	C-S-53	Pectate with carbon black	95
C-S-07	Grass, pure	39	C-S-53B	Pectin with carbon black	96
C-S-08	Grass, extract	40	C-S-54	Oatmeal, coloured with chocolate, aged	97
C-S-09	Egg yolk	41	C-S-55	Orange juice, aged	98
C-S-10	Butterfat with colourant	42	C-S-56	Coca Cola ,aged	99
C-S-11	Redcurrant juice, aged	43	C-S-57	Red beet, aged	100
C-S-12	Blackcurrant juice, aged	44	C-S-58	Soy sauce, aged	101
C-S-112	Blackcurrant juice	45	C-S-59	Asian food stain	102
C-S-13	Apple juice, aged	46	C-S-60	Spaghetti sauce with beef	103
C-S-14	Cherry juice, aged	47	C-S-61	Beef fat, coloured with Sudan red	104
C-S-15	Bil(blue)berry juice	48	C-S-61B	Beef fat, coloured with violet dye	105
C-S-115	Bil(blue)berry juice, not aged	49	C-S-61X	Beef fat, coloured w. safe food colourant	106
C-S-16	Lipstick, pink	50	C-S-62	Lard, coloured with Sudan red	107
C-S-116	Lipstick, diluted, pink	51	C-S-62B	Lard, coloured with violet dye	108
C-S-216	Lipstick, diluted red	52	C-S-62X	Lard, coloured with safe food colourant	109
C-S-17	Fluid make-up	53	C-S-64	Beef fat with carbon black	110
C-S-18	Strawberry juice, aged	54	C-S-65	Dirty Motor Oil (DMO)	111
C-S-19	Peach juice, aged	55	C-S-66	Lanoline with carbon black	112
C-S-20	Tomato	56	C-S-67	Mustard	113
C-S-120	Tomato, double application	57	C-S-68	Chocolate ice cream, aged	114
C-S-21	Blackberry juice, aged	58	C-S-69	Chocolate pudding	115
C-S-22	Kiwi juice, aged	59	C-S-70	Chocolate mousse	116
C-S-23	Mango juice, aged	60	C-S-170	Chocolate mousse, aged	117
C-S-24	Red pepper	61	C-S-71	Strawberry ice cream	118
C-S-25	Spinach concentrate	62	C-S-72	Forest fruit ice cream	119
C-S-26	Corn starch, coloured	63	C-S-73	Locustbeangum with pigment	120
C-S-27	Potato starch, coloured	64	C-S-74	Tobacco	121
C-S-28	Rice starch, coloured	65	C-S-75	Blood with beef fat	122
			C-S-76	Household dust	123



Code	Description	
C-S-77	Baby food carrot/potato	124
C-S-77B	Baby food banana/strawberry	125
C-S-78	Soybean oil with pigment	126
C-S-79	Tomato, Napolina	127
C-S-80	Grass/mud	128
C-S-81	Jam, forest fruit	129
C-S-82	Gravy from meat	130
C-S-83	Crema di balsamico, aged	131
C-S-85	Blood, sheep's, double application, aged	132
C-S-86	Oyster sauce	133
C-S-87	Chinese chili sauce	134
C-S-87S	Chinese garlic chili sauce	135
C-S-88	Indian curry	136
C-S-89	Chinese hot pot	137
C-S-89S	Chinese hot pot sateh	138
C-S-90	Soy sauce with starch	139
C-S-91	Minced meat	140
C-S-92	Vegetable fat with carbon black	141
C-S-93	Starch, coloured with chocolate	142
C-S-94	Sebum/dust, based on ASTM 4265-98	143
C-S-95	Collar stain	144
C-S-96	Grape juice, diluted concentrate	145
C-S-97	Highly discriminative tea	146
C-S-98	Sebum JIS C9606	147
C-S-99	Keratin	148
C-S-100	Chocolate rice pudding	149
C-S-400	Curry, rice, milk	150
C-S-406	Balsamic dressing	151
C-S-428	Wild rice	152



### AS-Series

The AS-Series' products are the 13 products that CFT started its business with in 1989. These testmaterials can be categorized as 'technical' testmaterials. They are not as consumer realistic as the CS Series but are designed to show well discriminating and reliable results. The article coding was changed ten years later after CFT developed a large number of other testmaterials in the CS-Series. For example, AS-01 is now known as C-01. The first part of this new product code refers to the substrate fabric (e.g. C for cotton).



# C-01

## Mineral oil with carbon black - Original

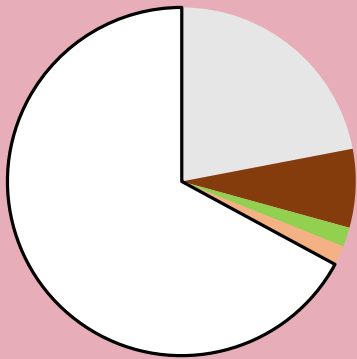


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

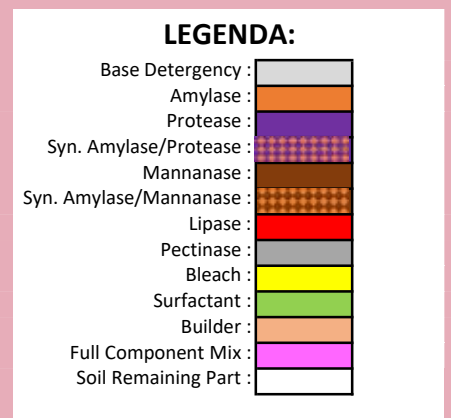
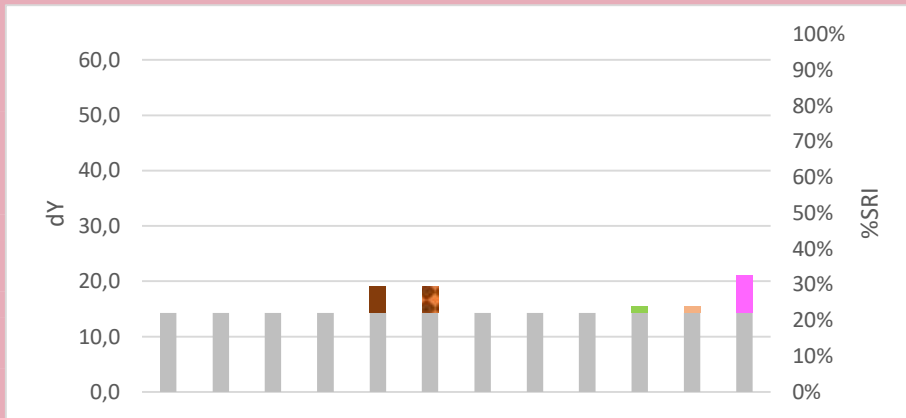
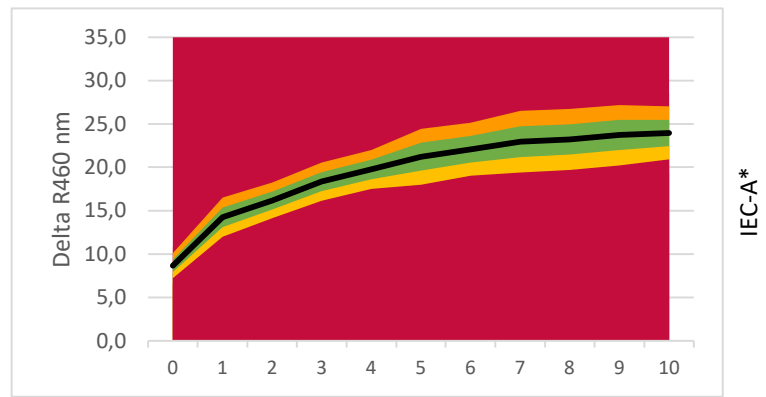
Order Code:	Substrate:	Width:	Yu:
C-01	Woven Cotton (CN-17)	90 cm	87,7
KC-01	Knitted Cotton (CN-42)	35 cm	94,5
PC-01	Polyester/Cotton (PCN-01)	90 cm	87,8
P-01	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-01	PolyAcryl (PAN-01)	45 cm	89,3
S-01	Silk (T-601)	45 cm	83,9
W-01	Wool (T-541)	45 cm	67,2
N-01	Nylon (T-365)	45 cm	87,4

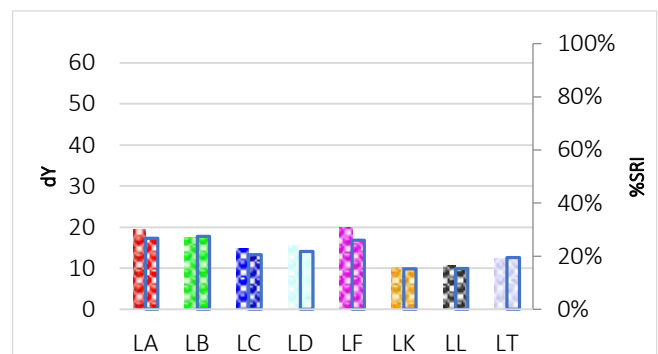
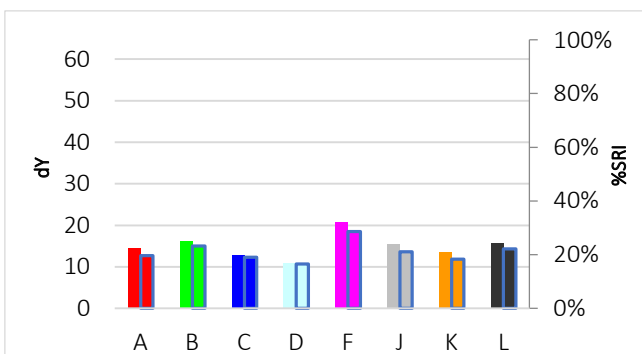
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-01s

## Mineral oil with carbon black - Improved recipe

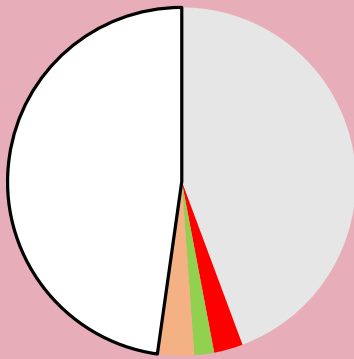


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★★★★

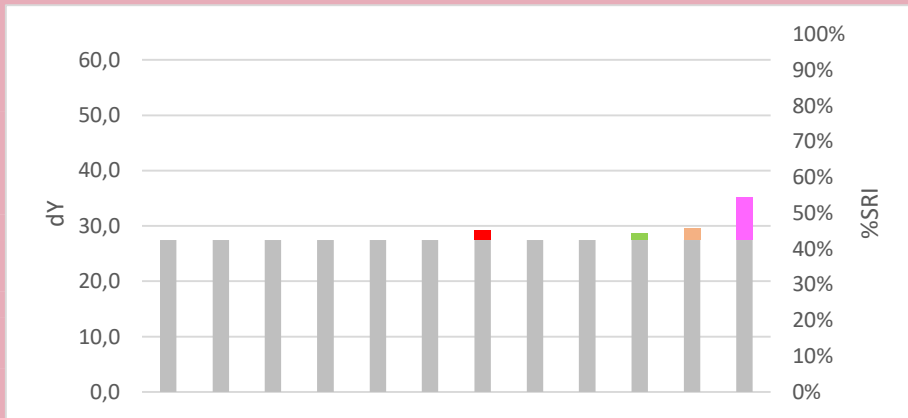
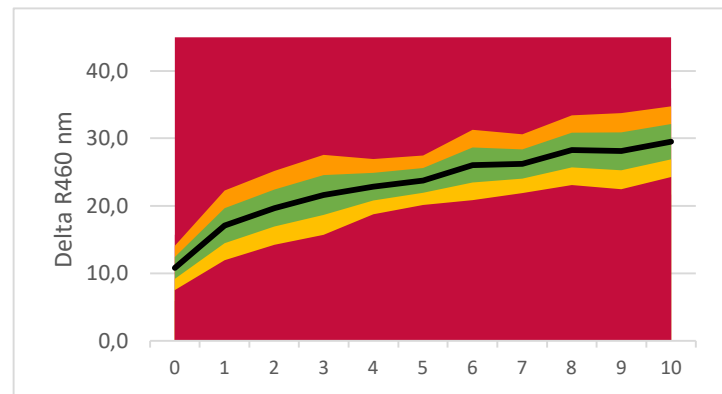
Order Code:	Substrate:	Width:	Yu:
C-01s	Woven Cotton (CN-17)	45 cm	87,7
KC-01s	Knitted Cotton (CN-42)	35 cm	94,5
PC-01s	Polyester/Cotton (PCN-01)	45 cm	87,8
P-01s	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-01s	PolyAcryl (PAN-01)	45 cm	89,3
S-01s	Silk (T-601)	45 cm	83,9
W-01s	Wool (T-541)	45 cm	67,2
N-01s	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



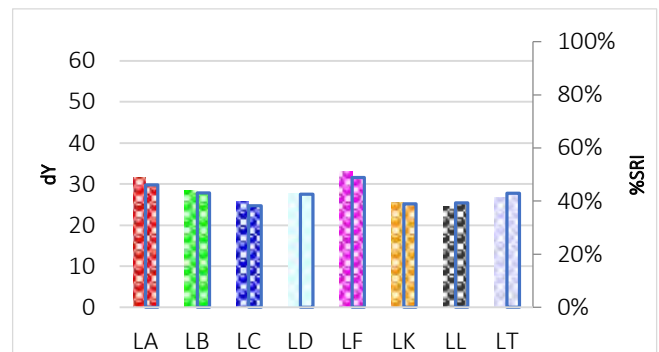
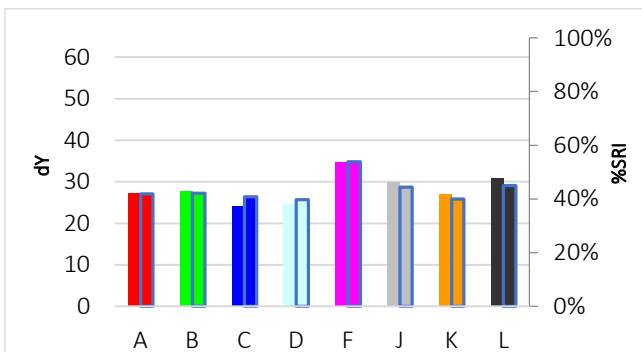
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-02

## Olive oil with carbon black, with thickening agent

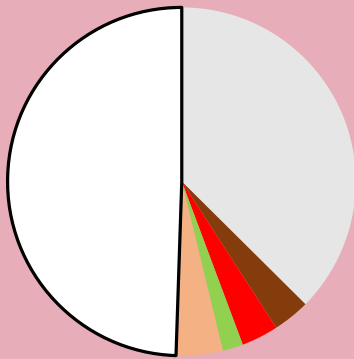


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★★★★

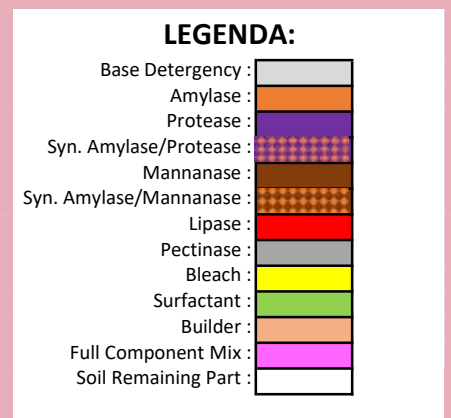
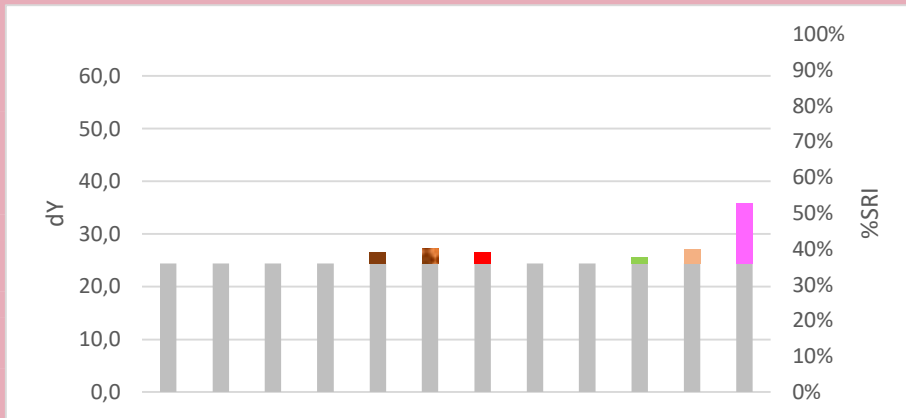
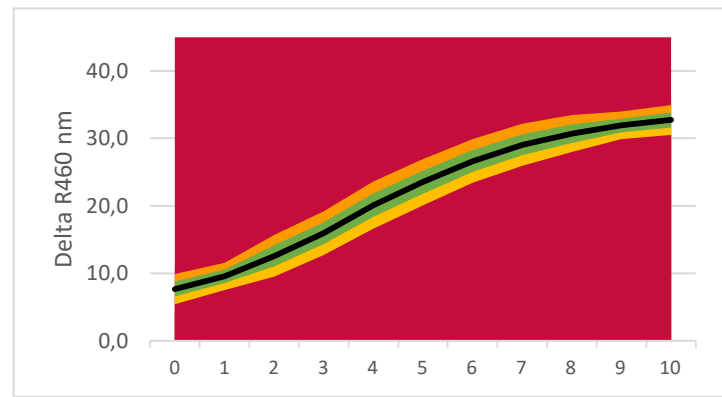
Order Code:	Substrate:	Width:	Yu:
C-02	Woven Cotton (T-400)	90 cm	88,9
KC-02	Knitted Cotton (CN-42)	35 cm	94,5
PC-02	Polyester/Cotton (PCN-01)	90 cm	87,8
P-02	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-02	PolyAcryl (PAN-01)	45 cm	89,3
S-02	Silk (T-601)	45 cm	83,9
W-02	Wool (T-541)	45 cm	67,2
N-02	Nylon (T-365)	45 cm	87,4

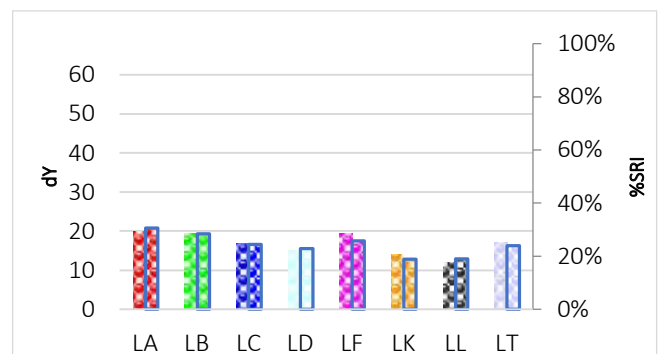
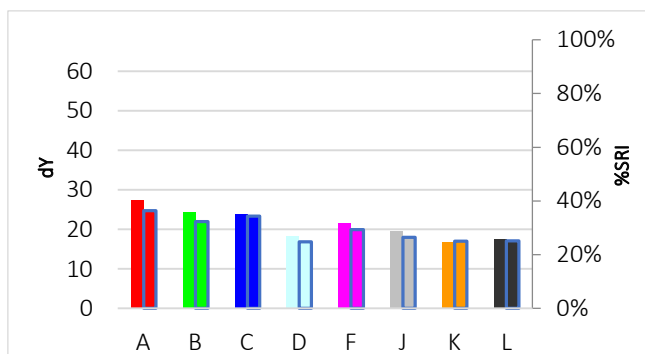
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-03

## Chocolate milk with carbon black

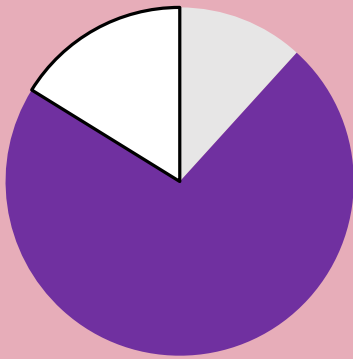


**Discriminative Power:** ★★★★★  
**Reproducibility Ratio:** ★★★★★☆  
**Reliability Ratio:** ★★★★★☆  
**Popularity:** ★★★★★

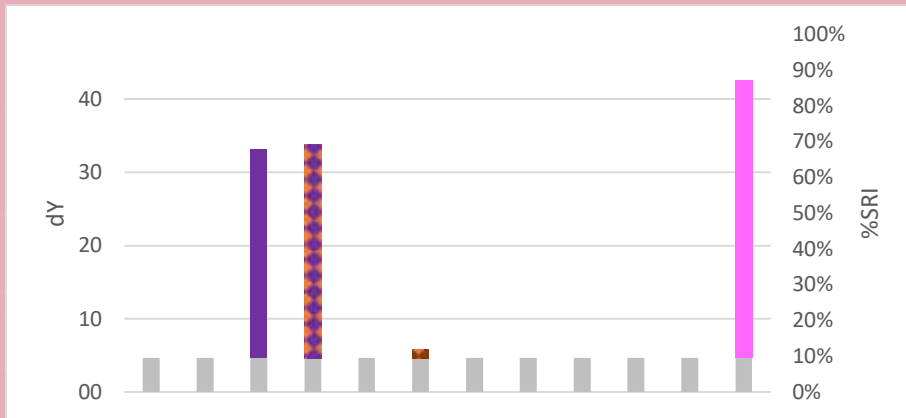
Order Code:	Substrate:	Width:	Yu:
C-03	Woven Cotton (CN-11)	90 cm	89,1
KC-03	Knitted Cotton (CN-42)	35 cm	94,5
PC-03	Polyester/Cotton (PCN-01)	90 cm	87,8
P-03	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-03	PolyAcryl (PAN-01)	45 cm	89,3
S-03	Silk (T-601)	45 cm	83,9
W-03	Wool (T-541)	45 cm	67,2
N-03	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



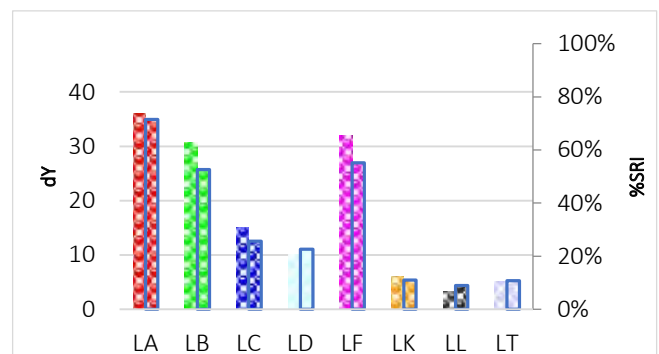
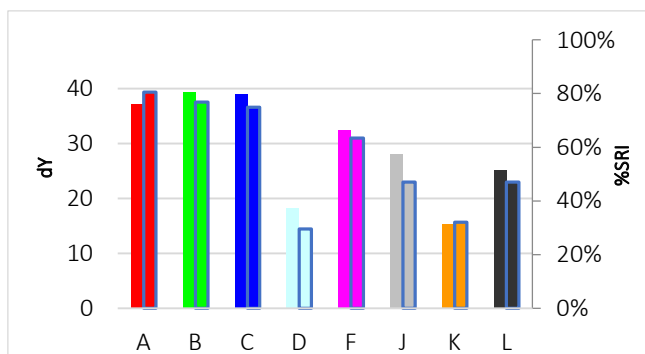
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-04

## Olive oil with chlorophyll, with thickening agent

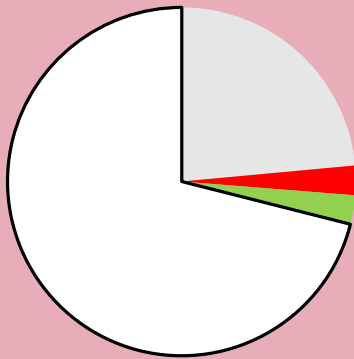


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

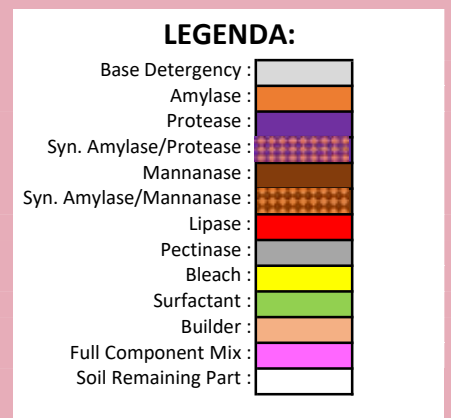
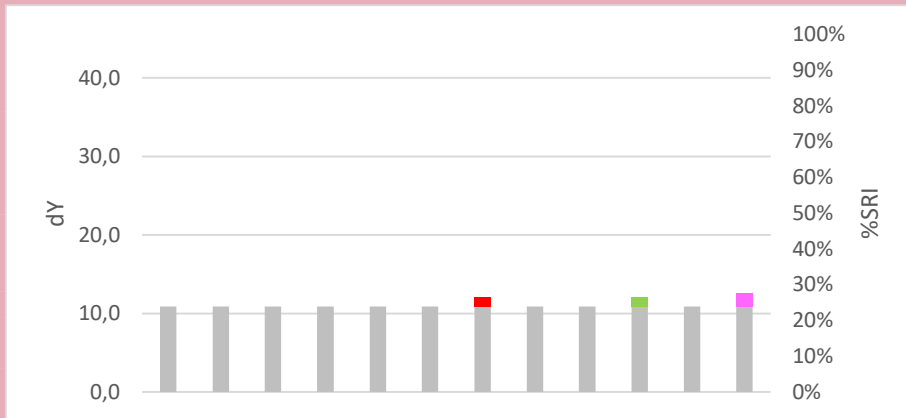
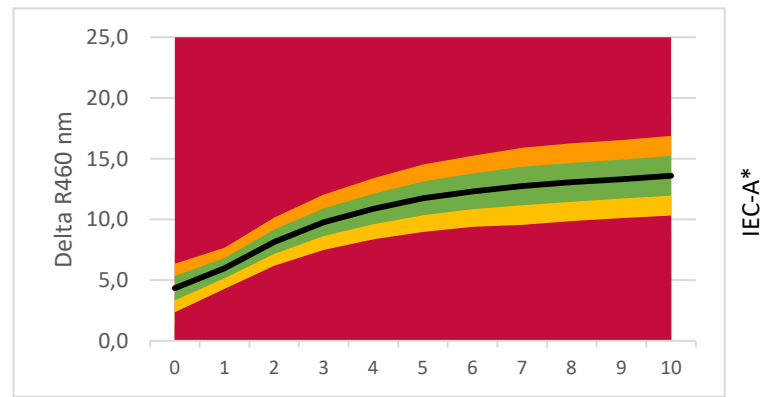
Order Code:	Substrate:	Width:	Yu:
C-04	Woven Cotton (CN-11)	90 cm	89,1
KC-04	Knitted Cotton (CN-42)	35 cm	94,5
PC-04	Polyester/Cotton (PCN-01)	90 cm	87,8
P-04	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-04	PolyAcryl (PAN-01)	45 cm	89,3
S-04	Silk (T-601)	45 cm	83,9
W-04	Wool (T-541)	45 cm	67,2
N-04	Nylon (T-365)	45 cm	87,4

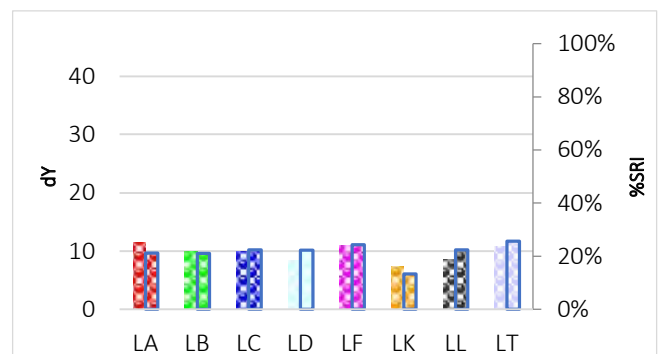
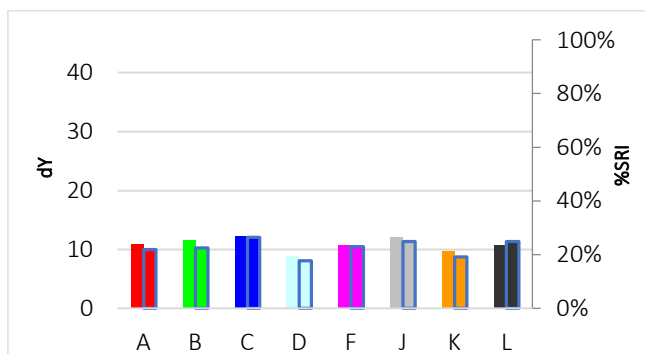
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-05

## Blood, Milk, Ink (BMI)

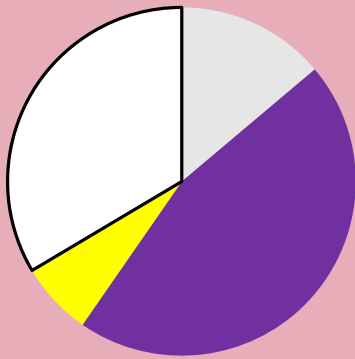


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

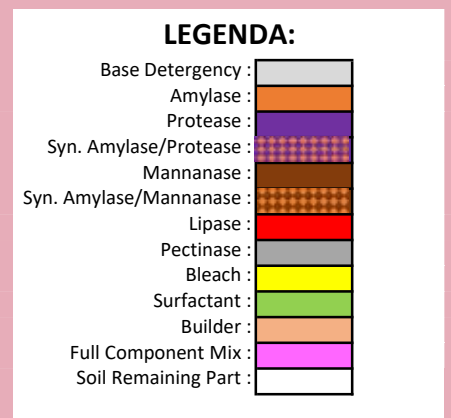
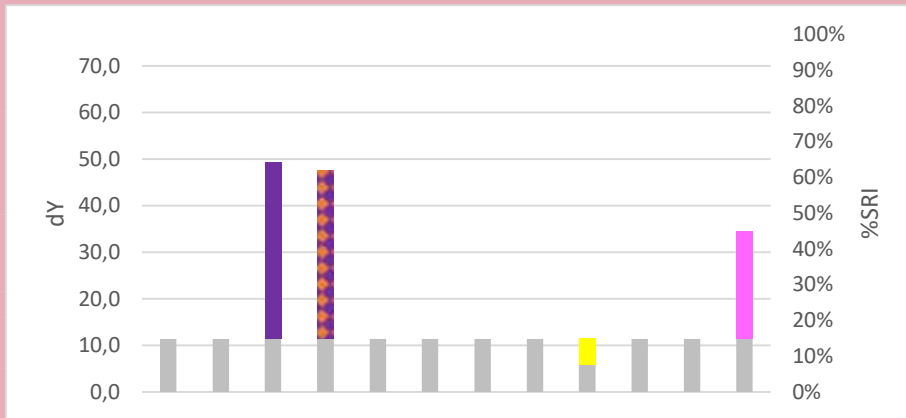
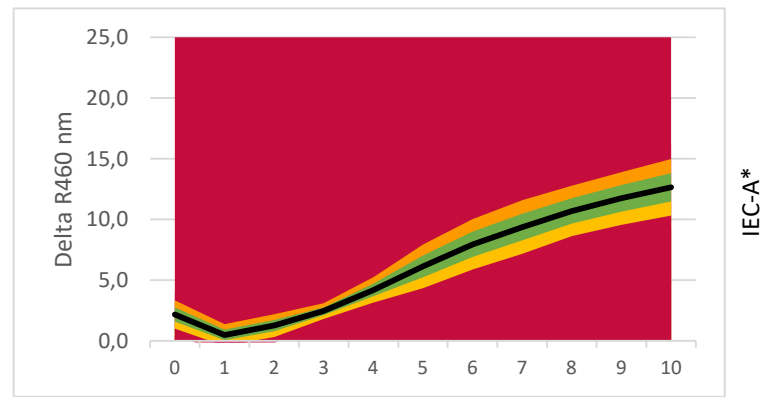
Order Code:	Substrate:	Width:	Yu:
C-05	Woven Cotton (CN-11)	90 cm	89,1
KC-05	Knitted Cotton (CN-42)	35 cm	94,5
PC-05	Polyester/Cotton (PCN-01)	90 cm	87,8
P-05	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-05	PolyAcryl (PAN-01)	45 cm	89,3
S-05	Silk (T-601)	45 cm	83,9
W-05	Wool (T-541)	45 cm	67,2
N-05	Nylon (T-365)	45 cm	87,4

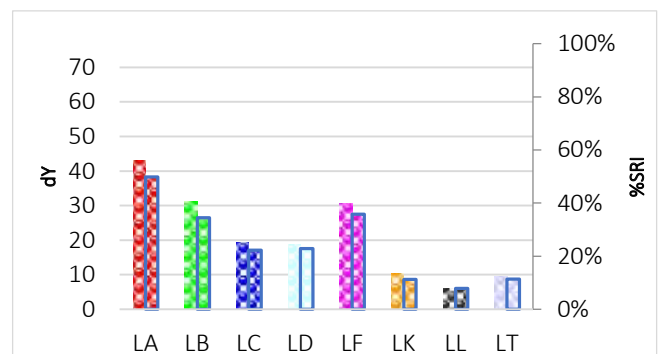
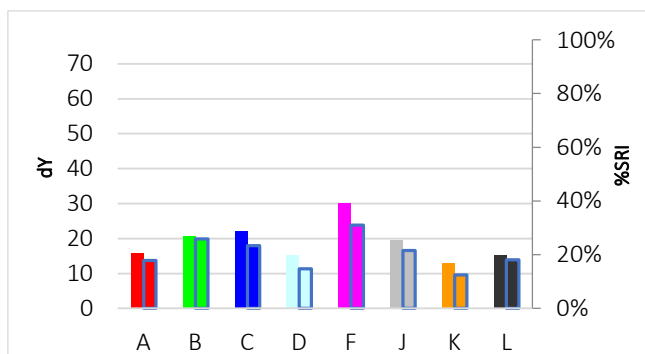
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-105

## Blood, Milk, less Ink

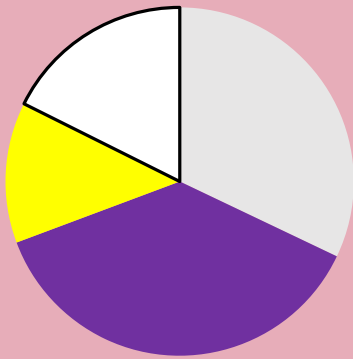


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

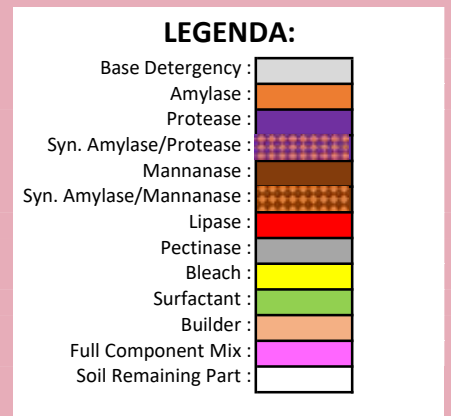
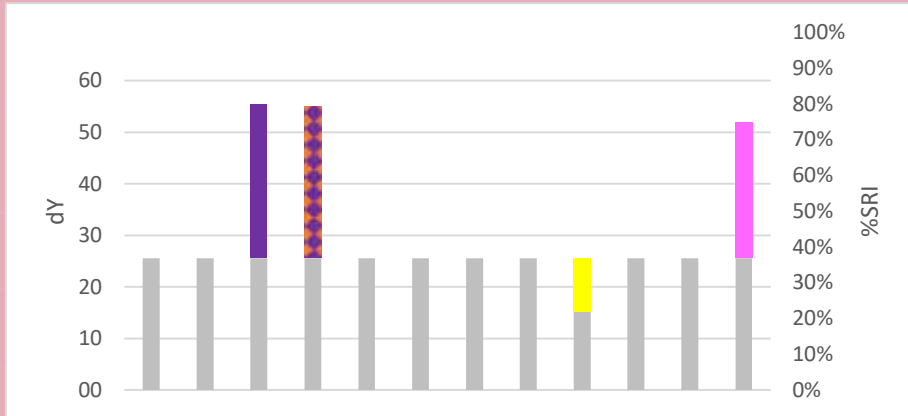
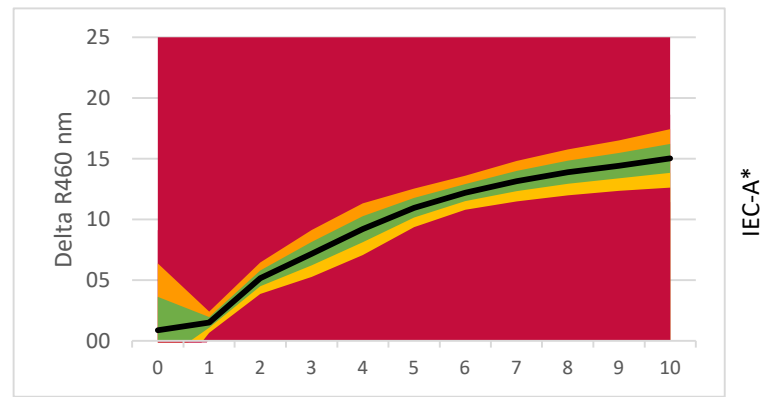
Order Code:	Substrate:	Width:	Yu:
C-105	Woven Cotton (CN-11)	90 cm	89,1
KC-105	Knitted Cotton (CN-42)	35 cm	94,5
PC-105	Polyester/Cotton (PCN-01)	90 cm	87,8
P-105	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-105	PolyAcryl (PAN-01)	45 cm	89,3
S-105	Silk (T-601)	45 cm	83,9
W-105	Wool (T-541)	45 cm	67,2
N-105	Nylon (T-365)	45 cm	87,4

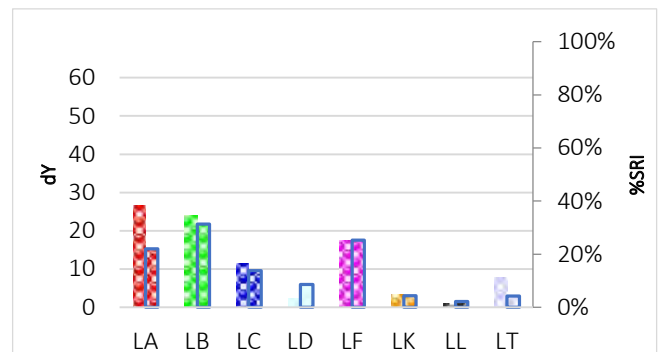
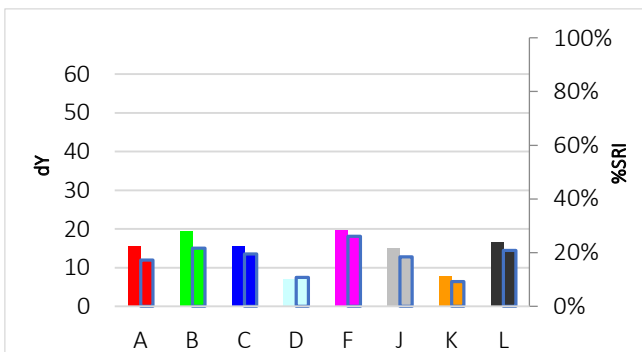
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison





# C-07

## Motor oil with carbon black

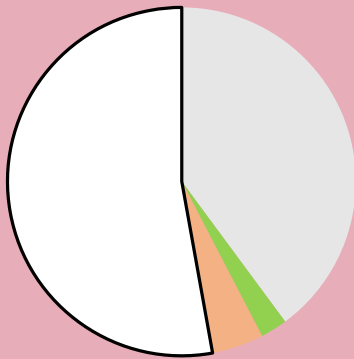


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

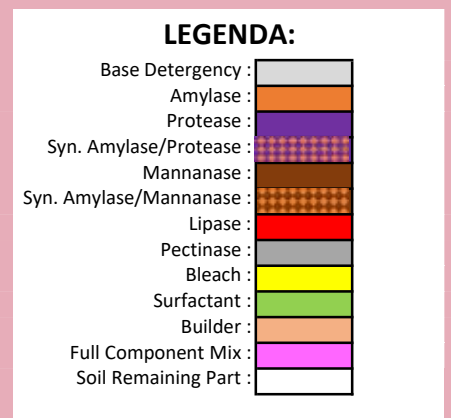
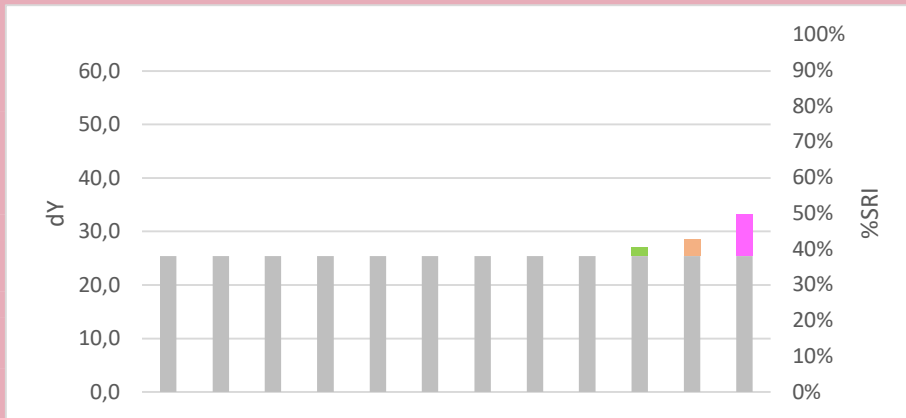
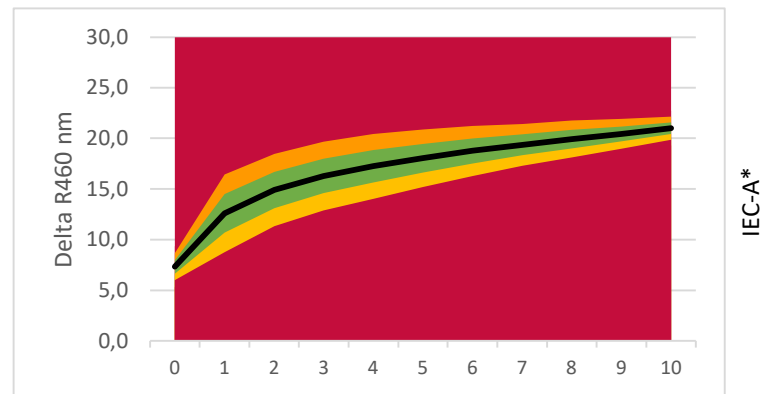
Order Code:	Substrate:	Width:	Yu:
C-07	Woven Cotton (CN-17)	45 cm	87,7
KC-07	Knitted Cotton (CN-42)	35 cm	94,5
PC-07	Polyester/Cotton (PCN-01)	45 cm	87,8
P-07	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-07	PolyAcryl (PAN-01)	45 cm	89,3
S-07	Silk (T-601)	45 cm	83,9
W-07	Wool (T-541)	45 cm	67,2
N-07	Nylon (T-365)	45 cm	87,4

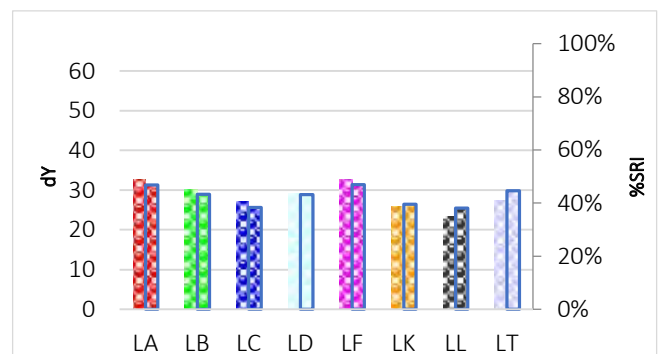
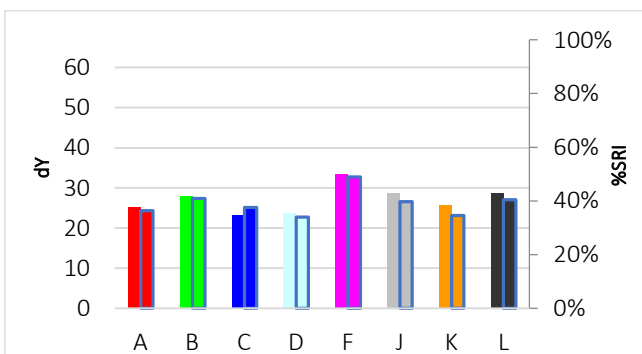
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-08

## Pigment with oil (above 60°C)

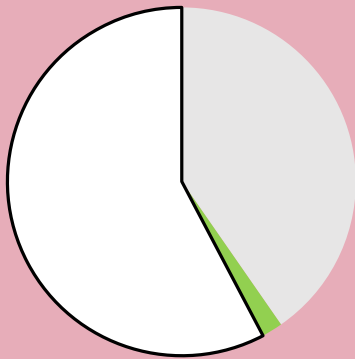


Discriminative Power: ★☆☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★★☆☆  
 Popularity: ★☆☆☆☆

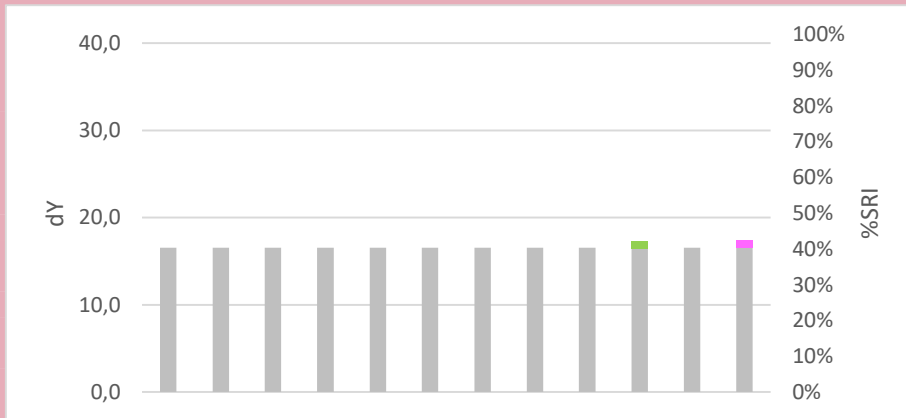
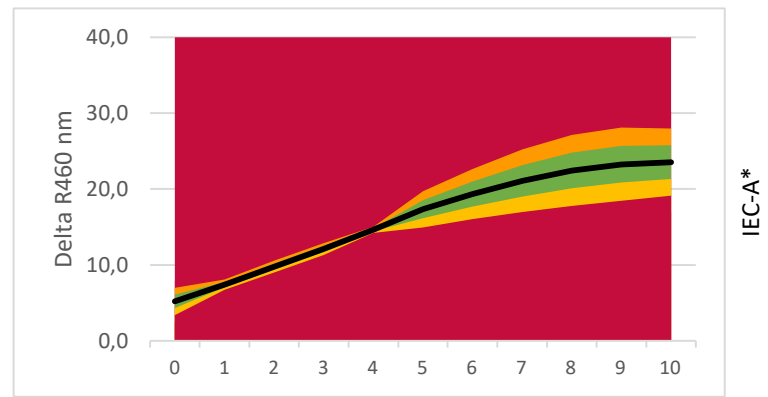
Order Code:	Substrate:	Width:	Yu:
C-08	Woven Cotton (CN-11)	90 cm	89,1
KC-08	Knitted Cotton (CN-42)	35 cm	94,5
PC-08	Polyester/Cotton (PCN-01)	90 cm	87,8
P-08	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-08	PolyAcryl (PAN-01)	45 cm	89,3
S-08	Silk (T-601)	45 cm	83,9
W-08	Wool (T-541)	45 cm	67,2
N-08	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



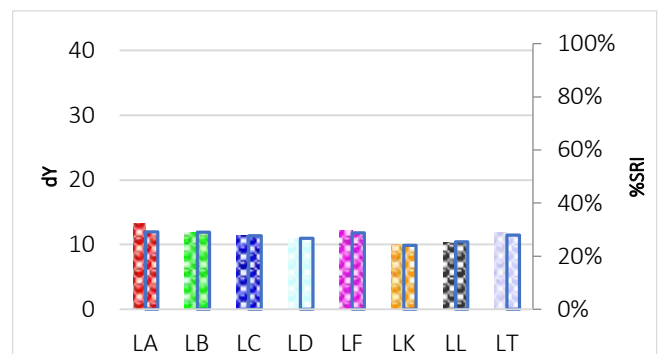
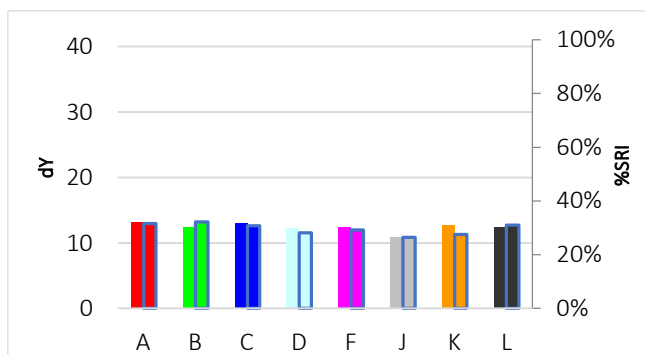
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red and white checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Red and white checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Orange box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-09

## Pigment with oil (below 60°C)

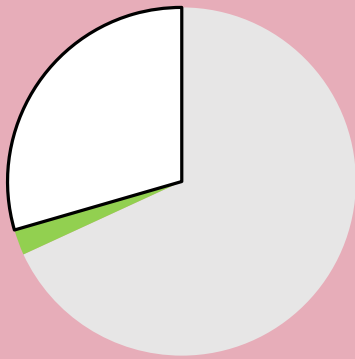


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★★★★  
 Reliability Ratio: ★★★★★  
 Popularity: ★★★★★

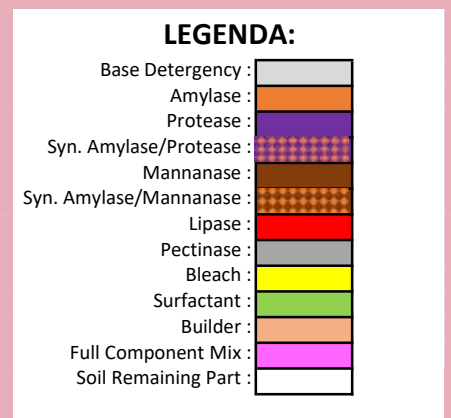
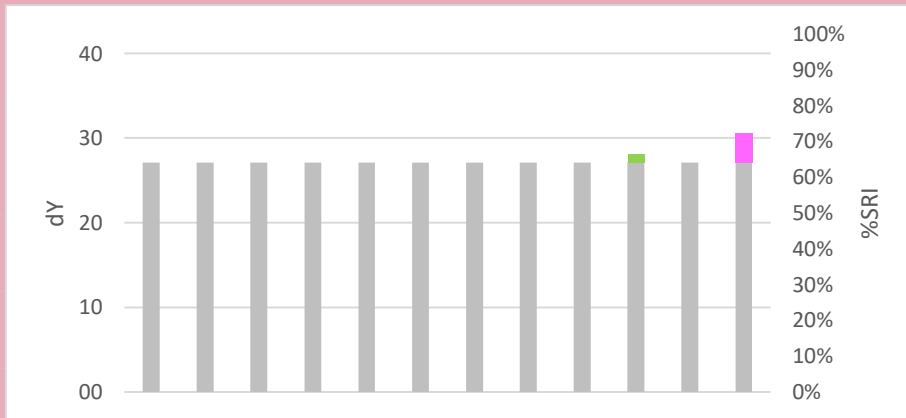
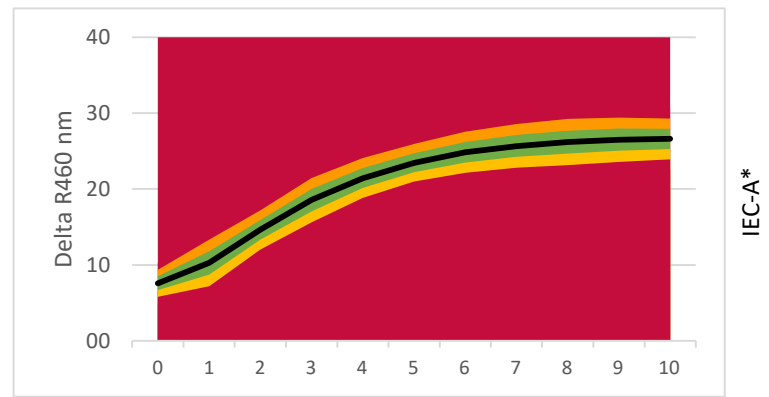
Order Code:	Substrate:	Width:	Yu:
C-09	Woven Cotton (CN-11)	90 cm	89,1
KC-09	Knitted Cotton (CN-42)	35 cm	94,5
PC-09	Polyester/Cotton (PCN-01)	90 cm	87,8
P-09	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-09	PolyAcryl (PAN-01)	45 cm	89,3
S-09	Silk (T-601)	45 cm	83,9
W-09	Wool (T-541)	45 cm	67,2
N-09	Nylon (T-365)	45 cm	87,4

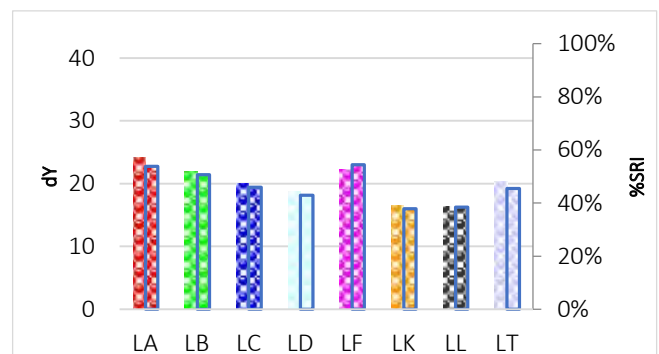
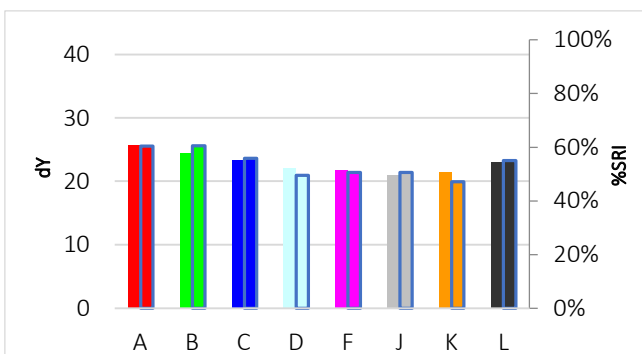
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-10

## Pigment, Oil, Milk (POM)

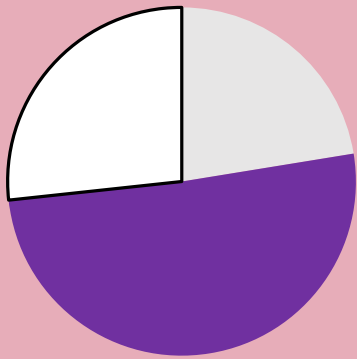


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

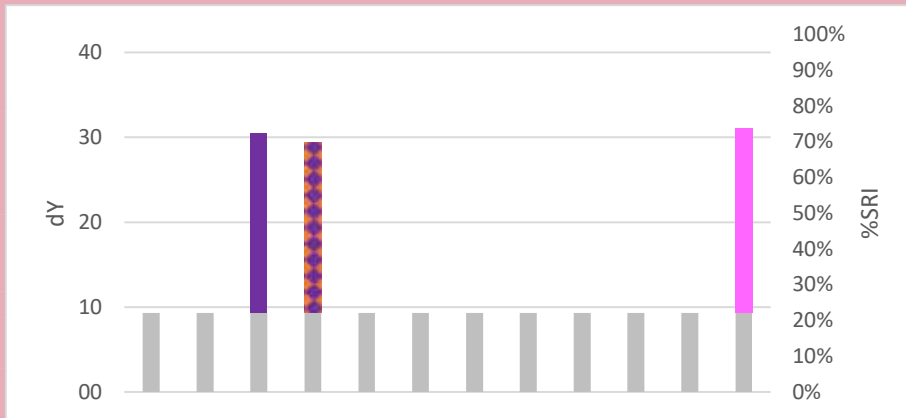
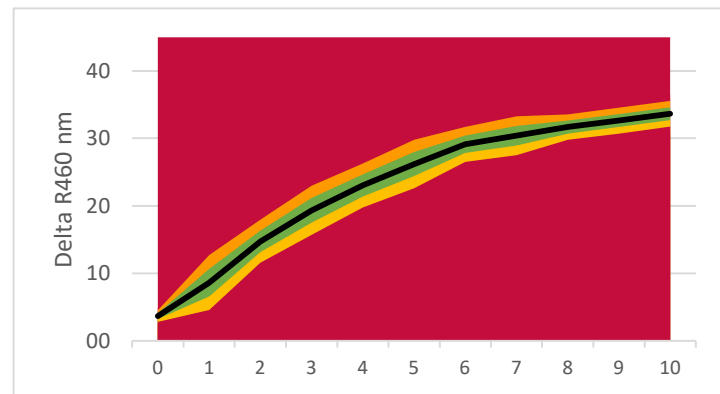
Order Code:	Substrate:	Width:	Yu:
C-10	Woven Cotton (CN-11)	90 cm	89,1
KC-10	Knitted Cotton (CN-42)	35 cm	94,5
PC-10	Polyester/Cotton (PCN-01)	90 cm	87,8
P-10	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-10	PolyAcryl (PAN-01)	45 cm	89,3
S-10	Silk (T-601)	45 cm	83,9
W-10	Wool (T-541)	45 cm	67,2
N-10	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



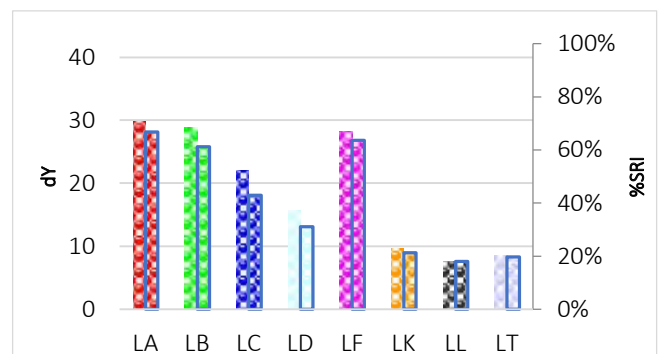
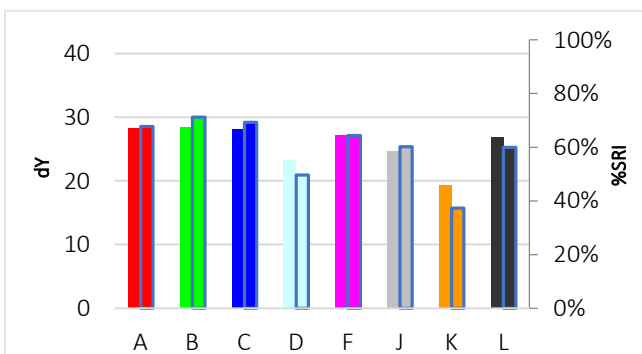
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-11

## Milk with carbon black

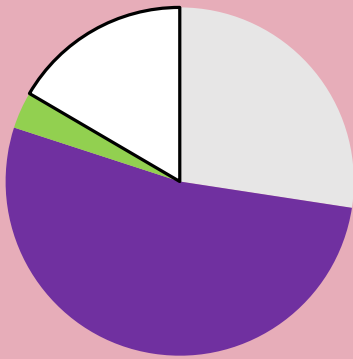


**Discriminative Power:** ★★★★★  
**Reproducibility Ratio:** ★★★★★☆  
**Reliability Ratio:** ★★★★★☆  
**Popularity:** ★★★★★☆

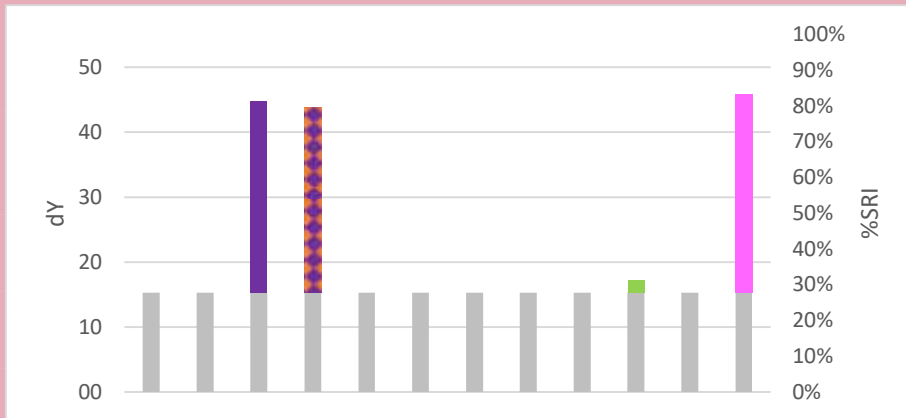
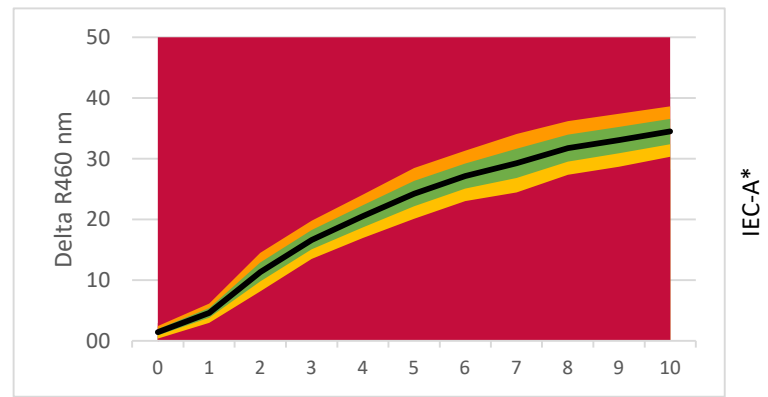
Order Code:	Substrate:	Width:	Yu:
C-11	Woven Cotton (CN-17)	45 cm	87,7
KC-11	Knitted Cotton (CN-42)	35 cm	94,5
PC-11	Polyester/Cotton (PCN-01)	45 cm	87,8
P-11	Polyester (W-30 A)	45 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-11	PolyAcryl (PAN-01)	45 cm	89,3
S-11	Silk (T-601)	45 cm	83,9
W-11	Wool (T-541)	45 cm	67,2
N-11	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



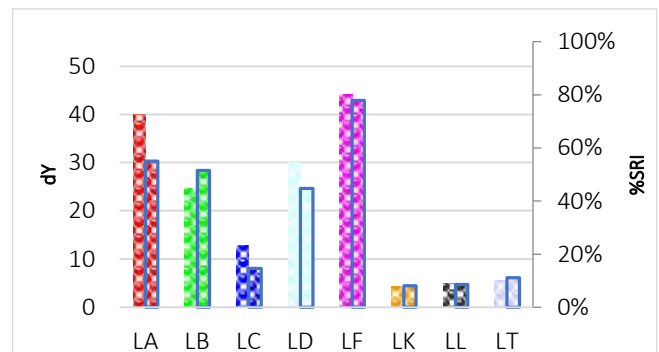
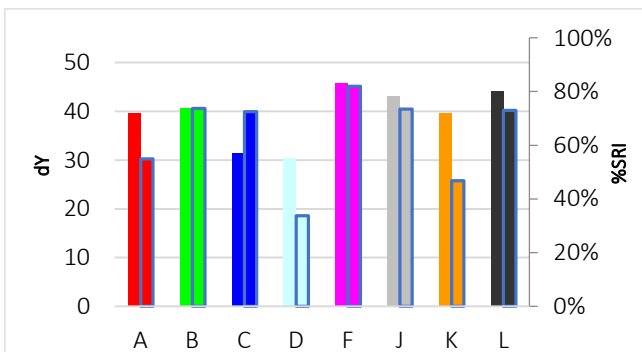
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-12

## Pigment, oil, low milk content

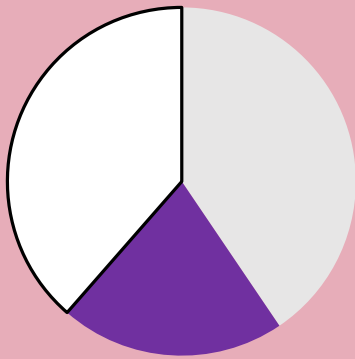


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

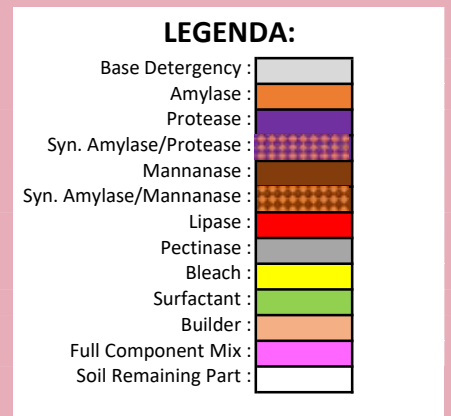
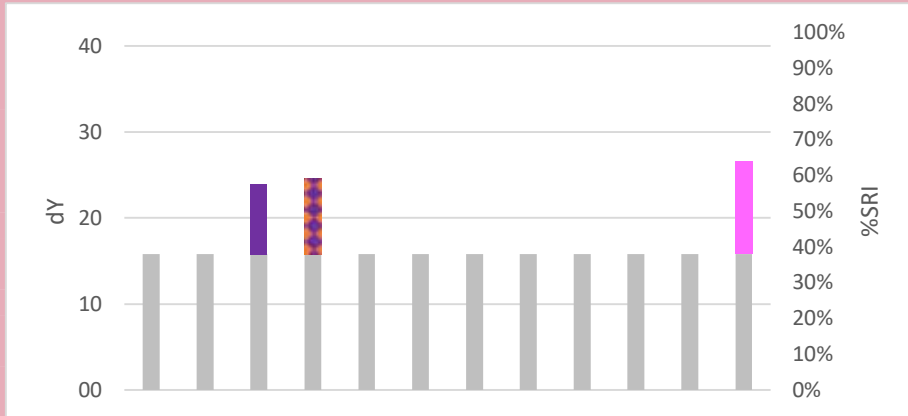
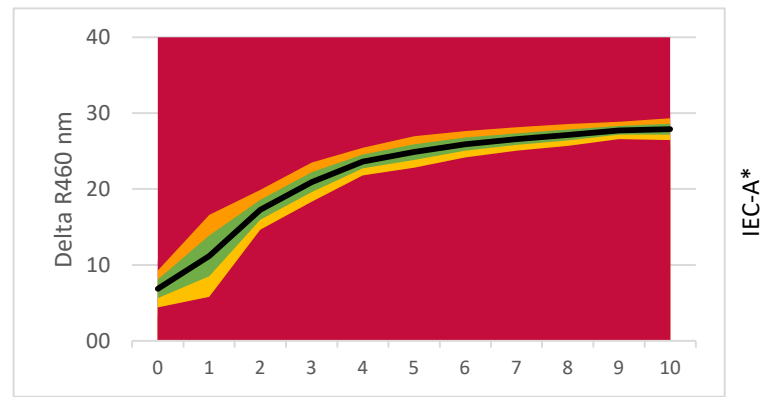
Order Code:	Substrate:	Width:	Yu:
C-12	Woven Cotton (CN-11)	90 cm	89,1
KC-12	Knitted Cotton (CN-42)	35 cm	94,5
PC-12	Polyester/Cotton (PCN-01)	90 cm	87,8
P-12	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-12	PolyAcryl (PAN-01)	45 cm	89,3
S-12	Silk (T-601)	45 cm	83,9
W-12	Wool (T-541)	45 cm	67,2
N-12	Nylon (T-365)	45 cm	87,4

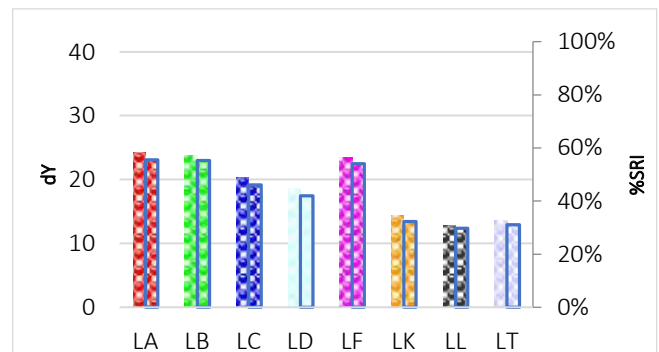
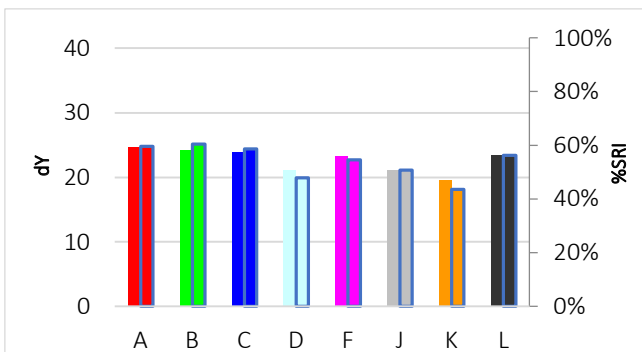
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-13

## Soot with water solvable thickening agent

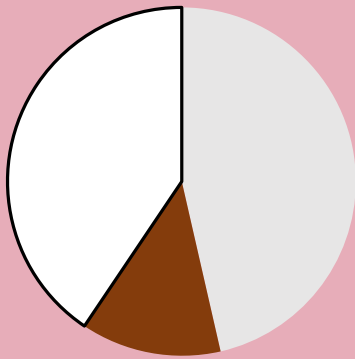


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

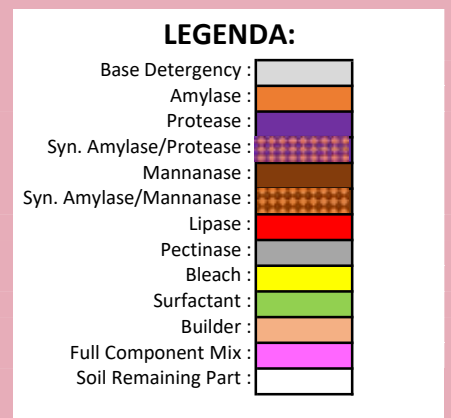
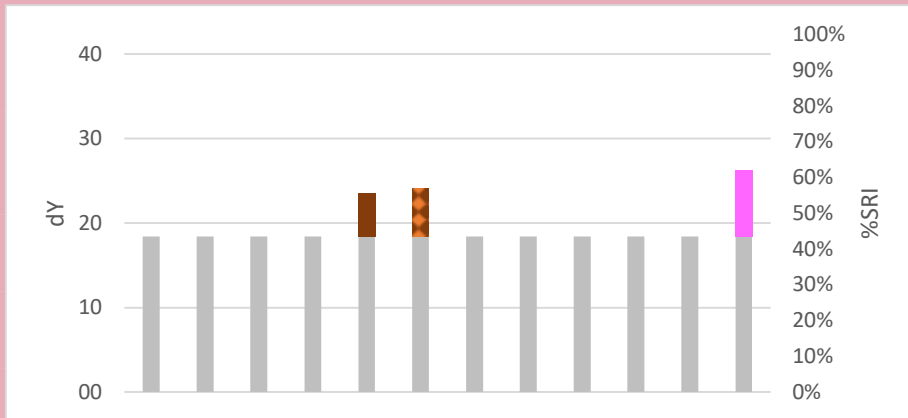
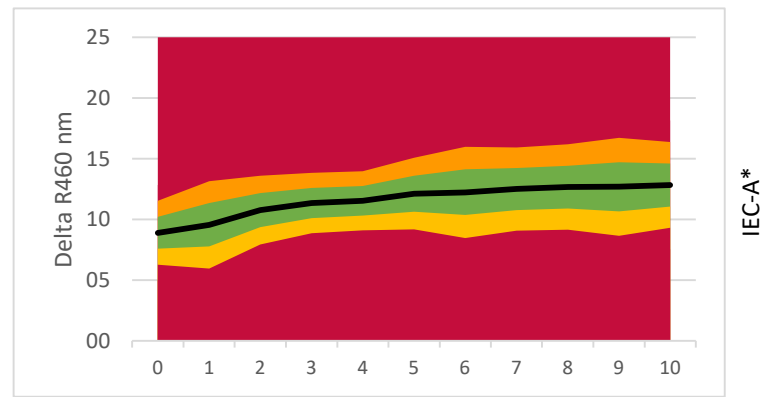
Order Code:	Substrate:	Width:	Yu:
C-13	Woven Cotton (CN-17)	45 cm	87,7
KC-13	Knitted Cotton (CN-42)	35 cm	94,5
PC-13	Polyester/Cotton (PCN-01)	45 cm	87,8
P-13	Polyester (W-30 A)	45 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-13	PolyAcryl (PAN-01)	45 cm	89,3
S-13	Silk (T-601)	45 cm	83,9
W-13	Wool (T-541)	45 cm	67,2
N-13	Nylon (T-365)	45 cm	87,4

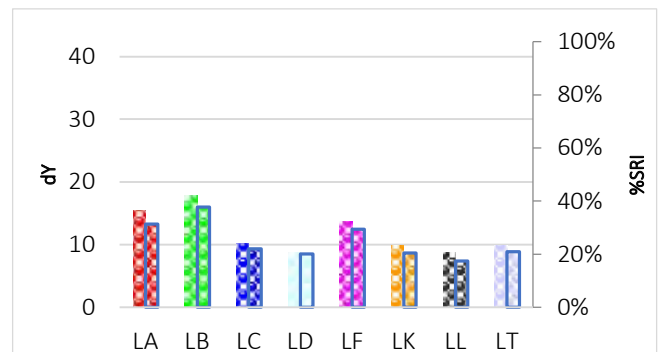
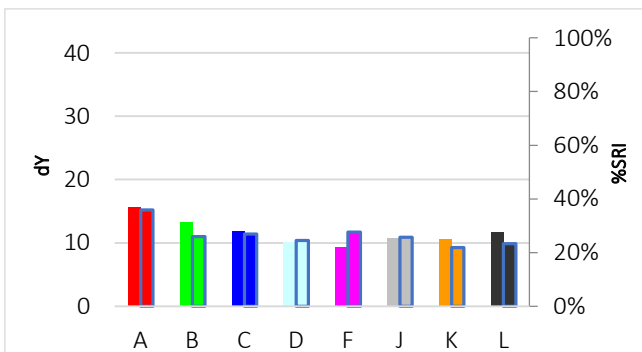
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison







### BC-Series

The BC-Series' products are a special group of products. These are all especially designed to isolate the bleach performance results only.

These products have in common that they are rinsed with water after application of the soil, thus removing the easy to remove soil and leaving the hard to remove bleachable part of the soil behind.

The advantage is that all of the soil removal can be contributed to the bleach system of your detergent. It can also be explained as Consumer Realistic: the first thing a consumer would do after a stain occurs, is to try to rinse it out with water. These products are not very suitable to test liquid detergents, because of the bleach sensitivity.

# C-BC-01

## Tea for bleach (medium/high temperatures)

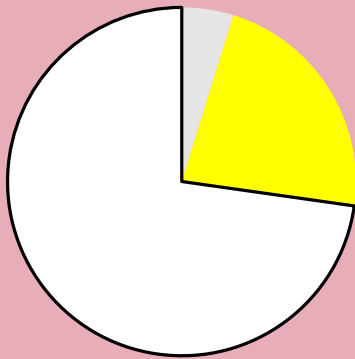


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★★★★  
 Reliability Ratio: ★★★★★  
 Popularity: ★★★★★

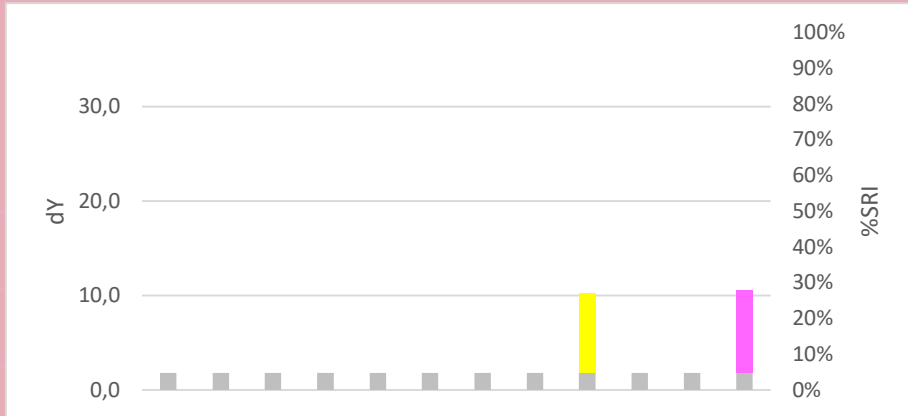
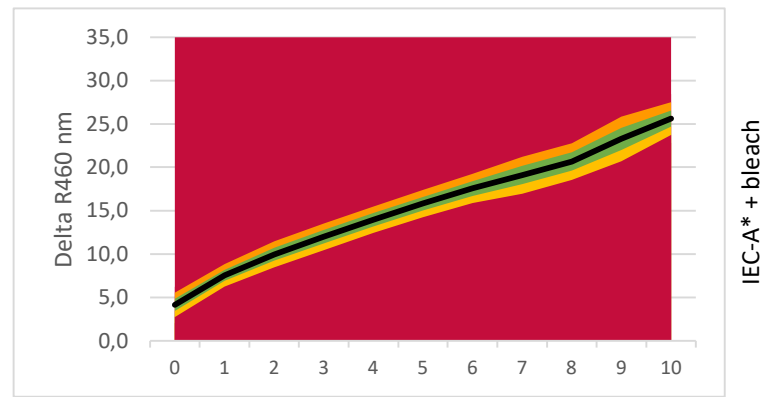
Order Code:	Substrate:	Width:	Yu:
C-BC-01	Woven Cotton (CN-17)	145 cm	87,7
KC-BC-01	Knitted Cotton (CN-42)	130 cm	94,5
PC-BC-01	Polyester/Cotton (PCN-01)	90 cm	87,8
P-BC-01	Polyester (PN-01)	145 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-BC-01	PolyAcryl (PAN-01)	45 cm	89,3
S-BC-01	Silk (T-601)	45 cm	83,9
W-BC-01	Wool (T-541)	45 cm	67,2
N-BC-01	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



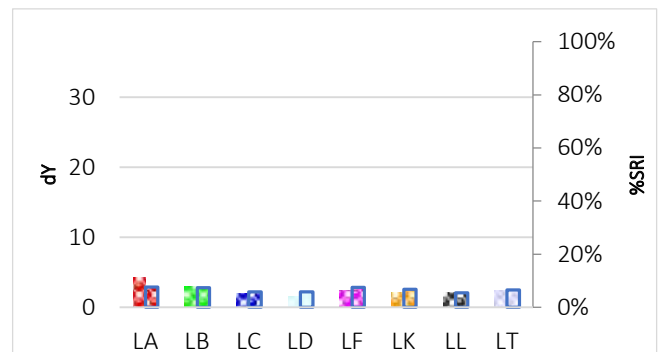
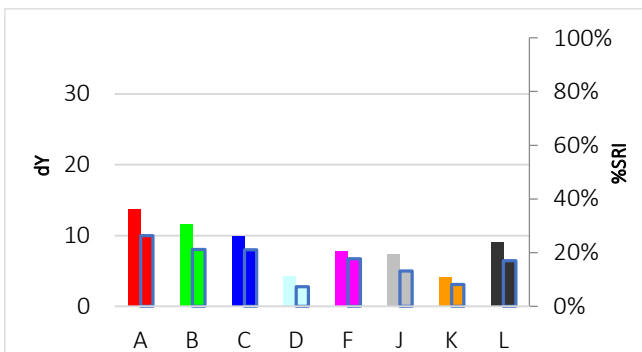
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-BC-02

## Coffee for bleach

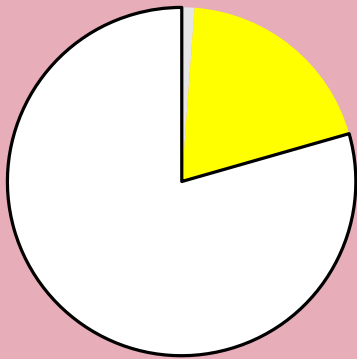


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★★★★  
 Popularity: ★★★★★

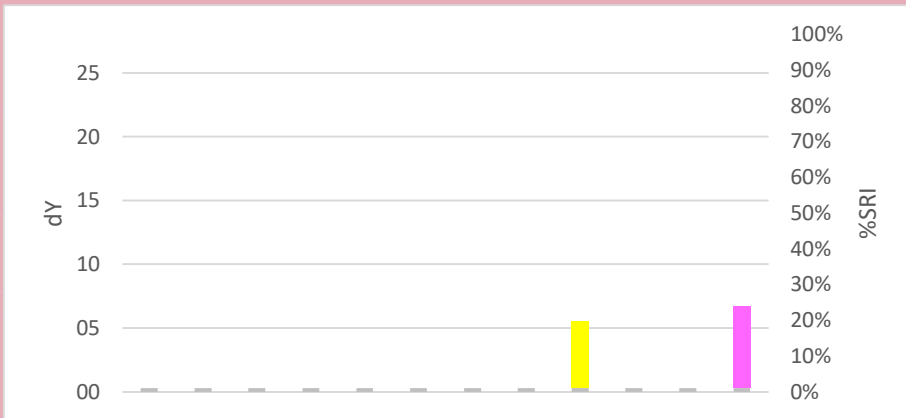
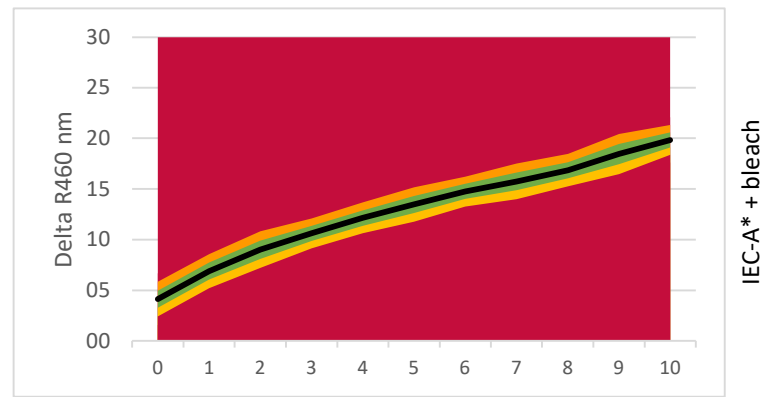
Order Code:	Substrate:	Width:	Yu:
C-BC-02	Woven Cotton (CN-17)	145 cm	87,7
KC-BC-02	Knitted Cotton (CN-42)	130 cm	94,5
PC-BC-02	Polyester/Cotton (PCN-01)	90 cm	87,8
P-BC-02	Polyester (PN-01)	145 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-BC-02	PolyAcryl (PAN-01)	45 cm	89,3
S-BC-02	Silk (T-601)	45 cm	83,9
W-BC-02	Wool (T-541)	45 cm	67,2
N-BC-02	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



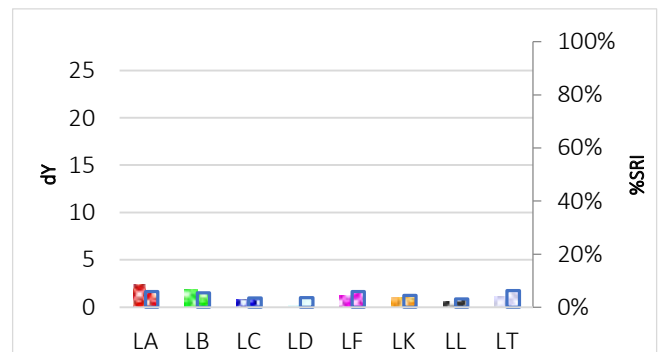
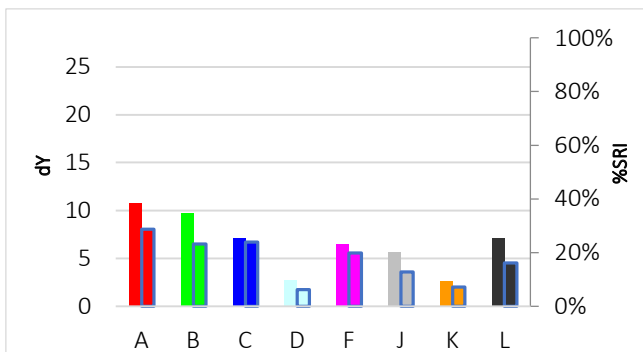
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-BC-03

## Tea for bleach (low temperatures)

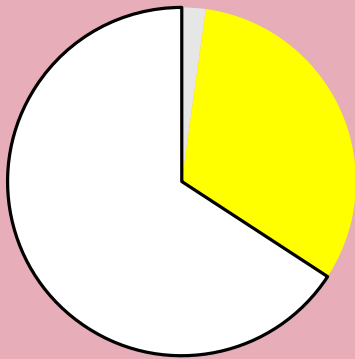


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

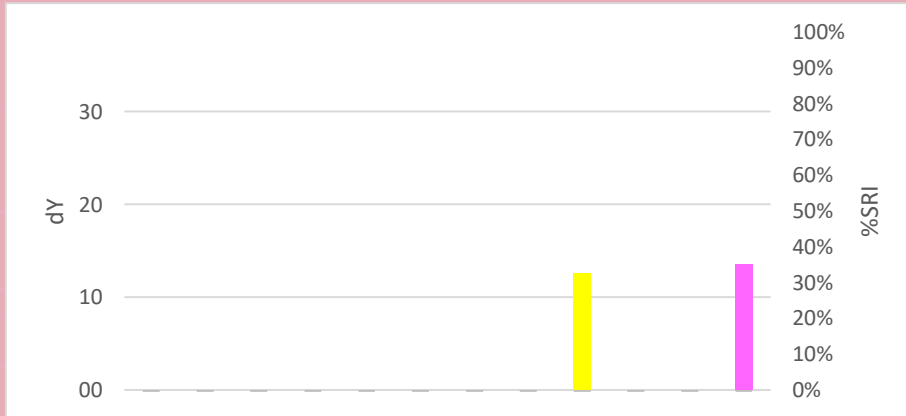
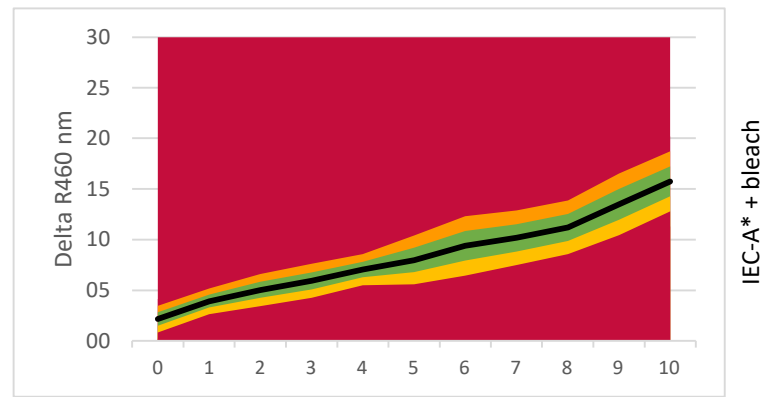
Order Code:	Substrate:	Width:	Yu:
C-BC-03	Woven Cotton (CN-17)	145 cm	87,7
KC-BC-03	Knitted Cotton (CN-42)	130 cm	94,5
PC-BC-03	Polyester/Cotton (PCN-01)	90 cm	87,8
P-BC-03	Polyester (PN-01)	145 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-BC-03	PolyAcryl (PAN-01)	45 cm	89,3
S-BC-03	Silk (T-601)	45 cm	83,9
W-BC-03	Wool (T-541)	45 cm	67,2
N-BC-03	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



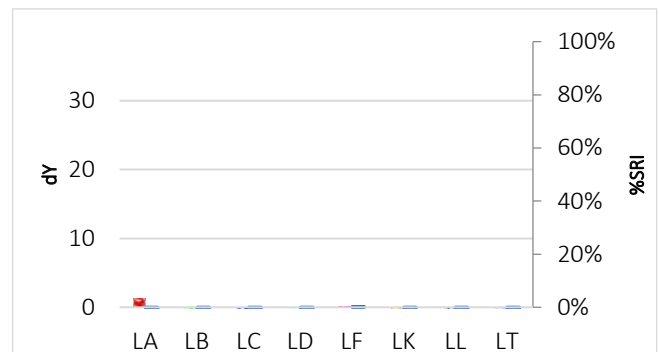
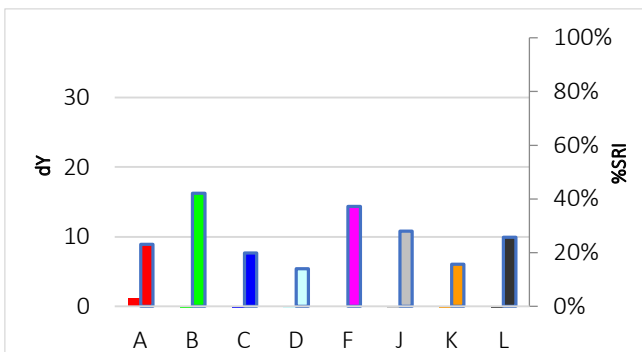
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red and blue checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Red and brown checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-BC-04

## Curry for bleach



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

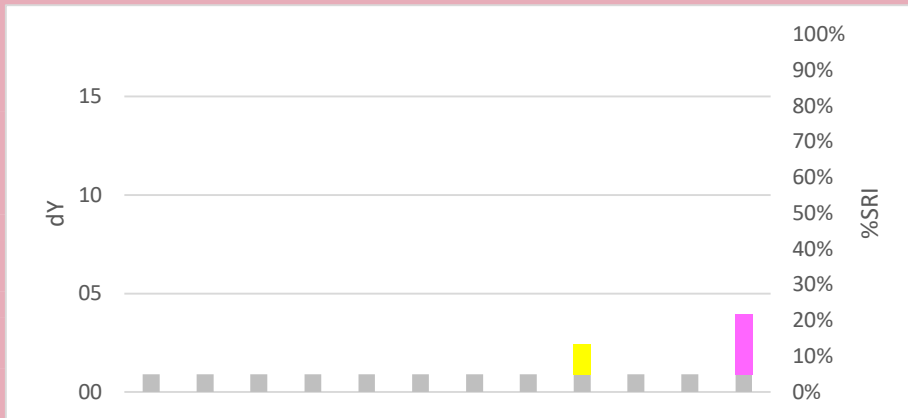
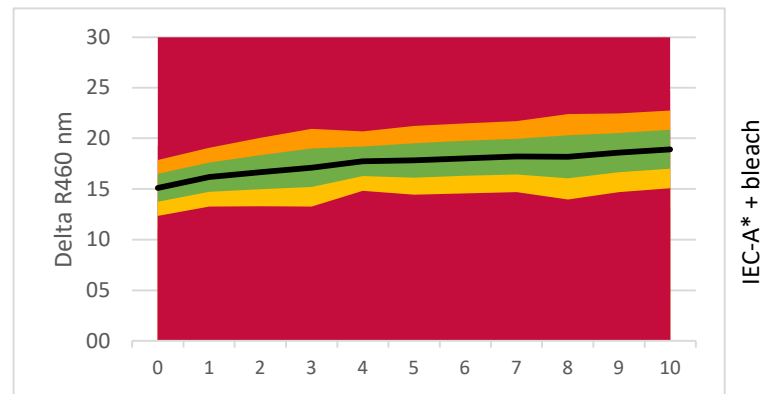
Order Code:	Substrate:	Width:	Yu:
C-BC-04	Woven Cotton (CN-11)	145 cm	89,1
KC-BC-04	Knitted Cotton (CN-42)	130 cm	94,5
PC-BC-04	Polyester/Cotton (PCN-01)	90 cm	87,8
P-BC-04	Polyester (PN-01)	145 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-BC-04	PolyAcryl (PAN-01)	45 cm	89,3
S-BC-04	Silk (T-601)	45 cm	83,9
W-BC-04	Wool (T-541)	45 cm	67,2
N-BC-04	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



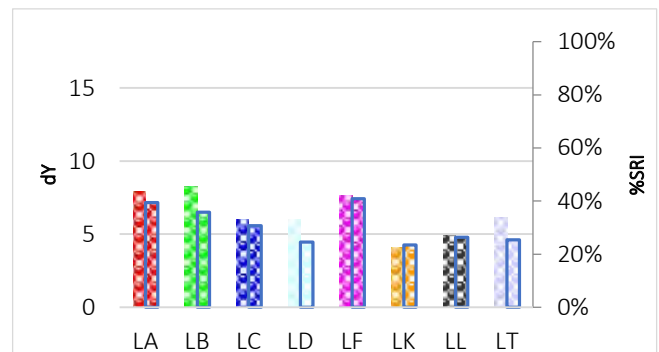
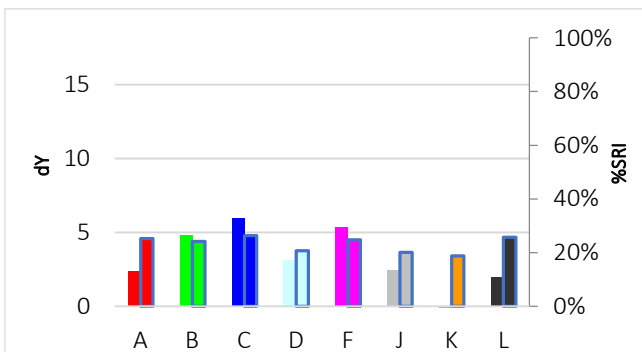
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Light Green]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Purple]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-BC-05

## Red beet for bleach

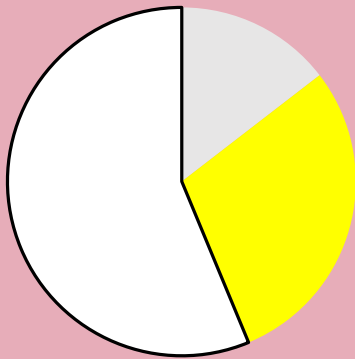


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

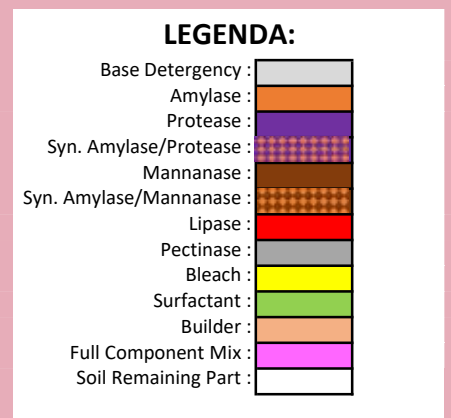
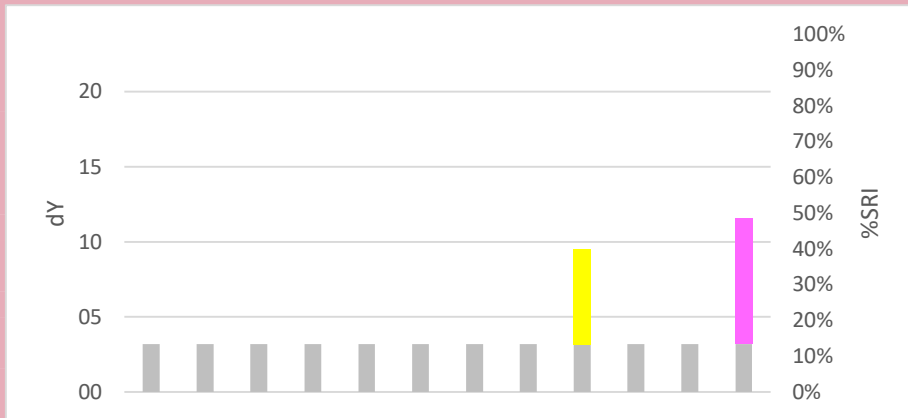
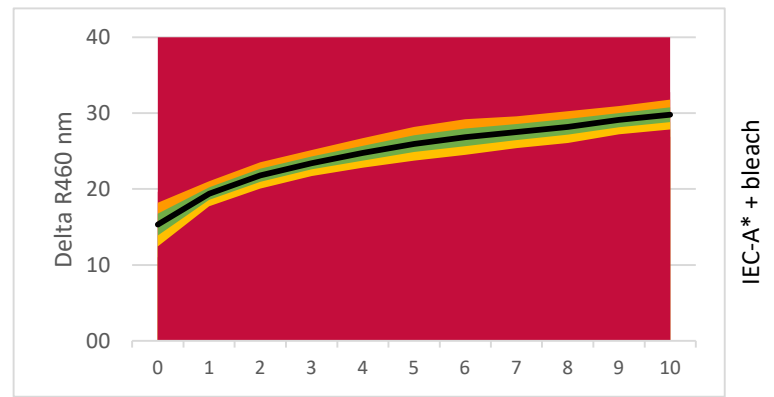
Order Code:	Substrate:	Width:	Yu:
C-BC-05	Woven Cotton (CN-17)	90 cm	87,7
KC-BC-05	Knitted Cotton (CN-42)	35 cm	94,5
PC-BC-05	Polyester/Cotton (PCN-01)	90 cm	87,8
P-BC-05	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-BC-05	PolyAcryl (PAN-01)	45 cm	89,3
S-BC-05	Silk (T-601)	45 cm	83,9
W-BC-05	Wool (T-541)	45 cm	67,2
N-BC-05	Nylon (T-365)	45 cm	87,4

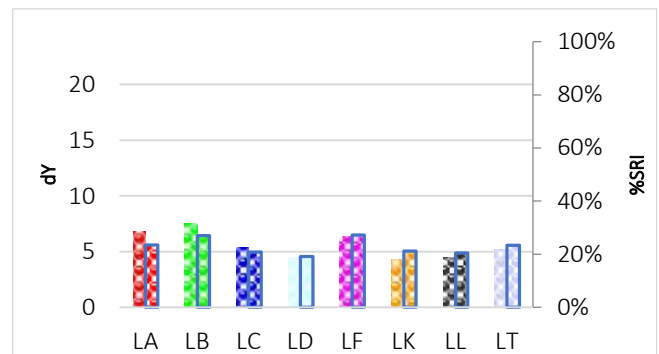
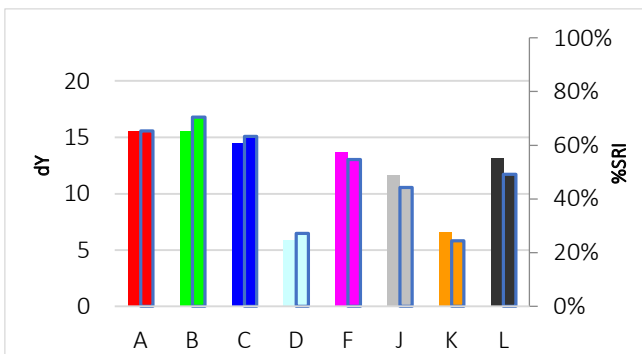
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-BC-06

## Strawberry for bleach



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

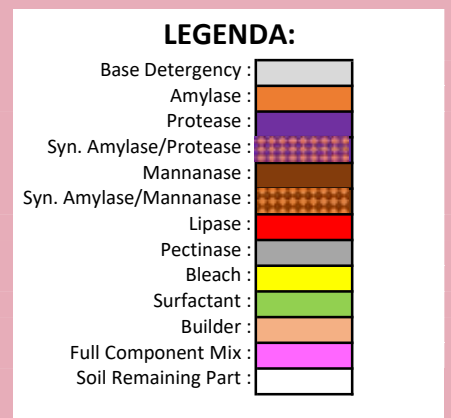
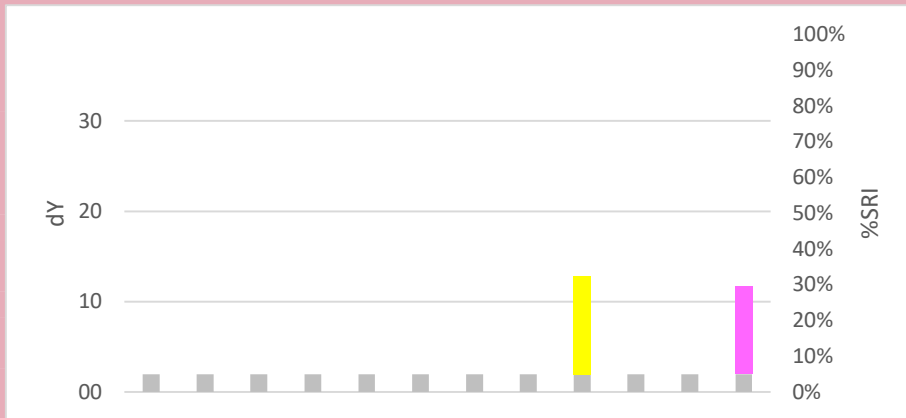
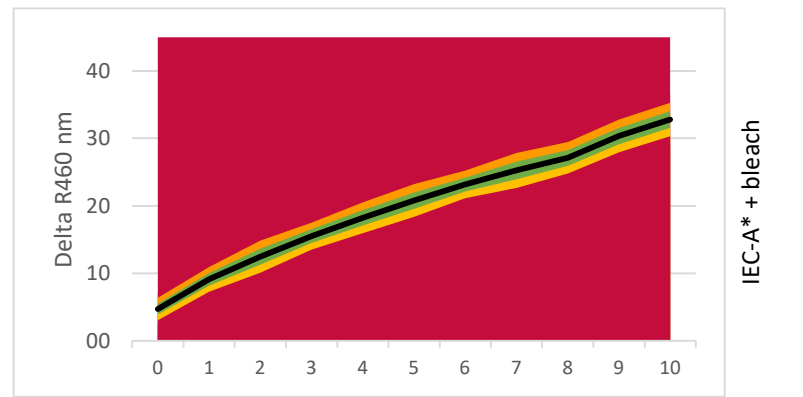
Order Code:	Substrate:	Width:	Yu:
C-BC-06	Woven Cotton (CN-17)	145 cm	87,7
KC-BC-06	Knitted Cotton (CN-42)	130 cm	94,5
PC-BC-06	Polyester/Cotton (PCN-01)	90 cm	87,8
P-BC-06	Polyester (PN-01)	145 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-BC-06	PolyAcryl (PAN-01)	45 cm	89,3
S-BC-06	Silk (T-601)	45 cm	83,9
W-BC-06	Wool (T-541)	45 cm	67,2
N-BC-06	Nylon (T-365)	45 cm	87,4

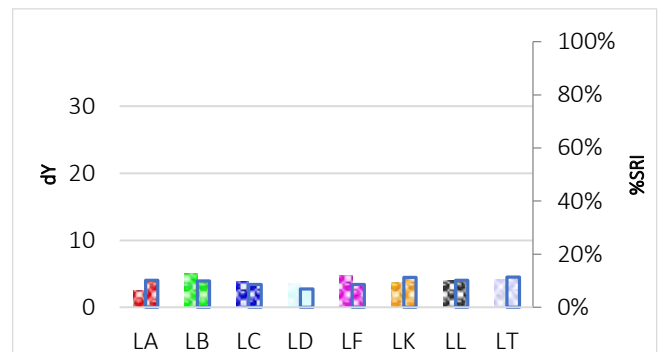
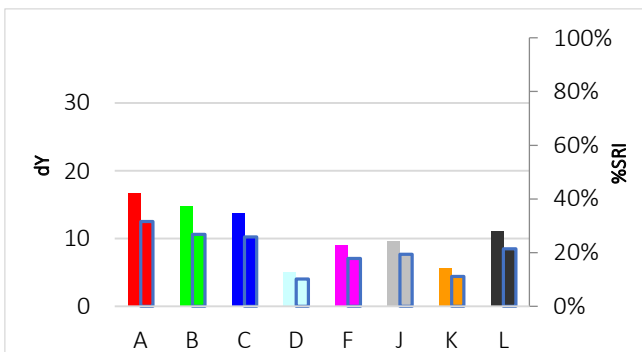
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison







### CS-Series

The CS-Series' or S-Series' products are all developed by CFT. The CS originally stood for Consumer Soils. These are soils with which the consumer would be confronted in reality.

To control reproducibility of these testmaterials we purchase the soil ingredients in very big quantities at a time, or we produce our own recipe (e.g. chocolate pudding), based on the average of ingredients used in various brands. After the introduction of our soils on different substrate fabrics the 'C' in the article code started to refer to 'Cotton' and is replaced depending on the type of fabric. The 'S' still remains to indicate that these testmaterials belong to the 'S'-Series.

# C-S-01

## Blood, aged

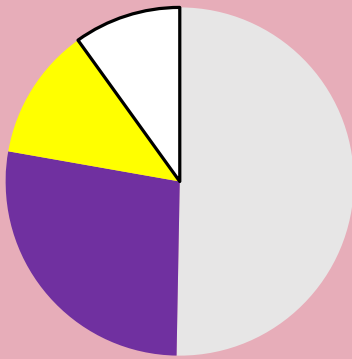


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

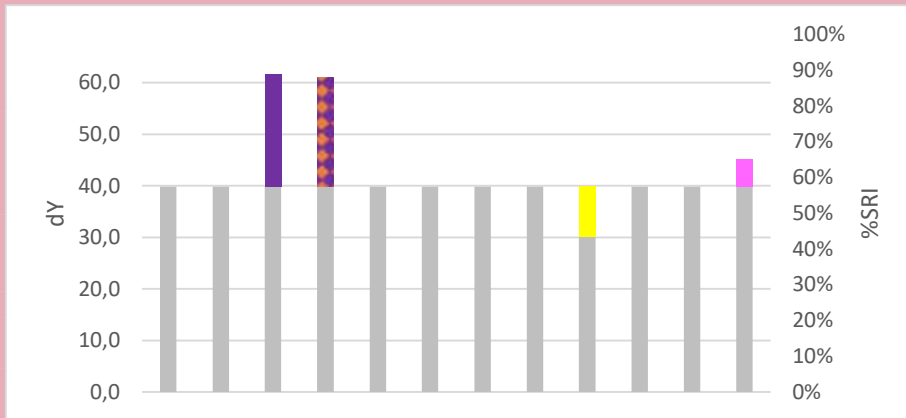
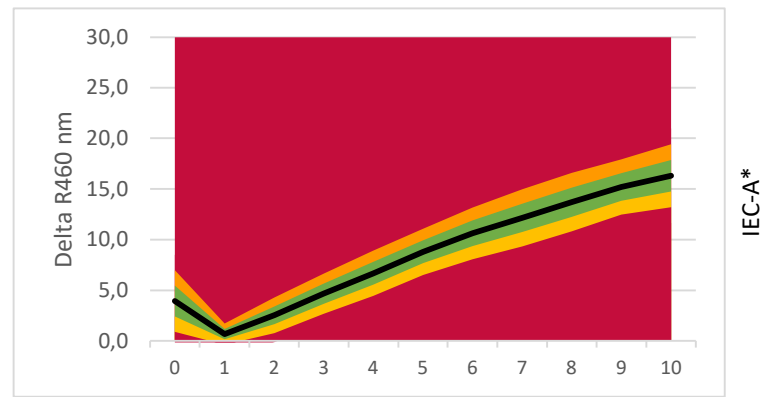
Order Code:	Substrate:	Width:	Yu:
C-S-01	Woven Cotton (CN-11)	45 cm	89,1
KC-S-01	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-01	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-01	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-01	PolyAcryl (PAN-01)	45 cm	89,3
S-S-01	Silk (T-601)	45 cm	83,9
W-S-01	Wool (T-541)	45 cm	67,2
N-S-01	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



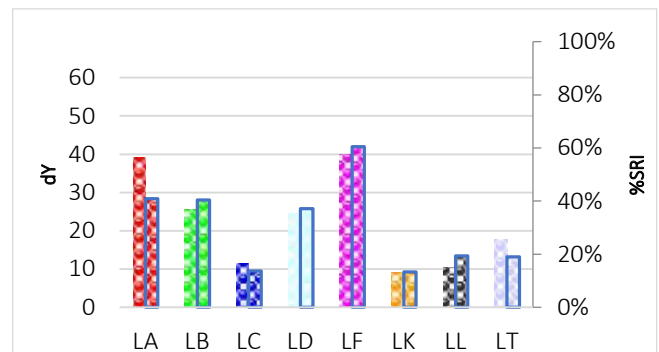
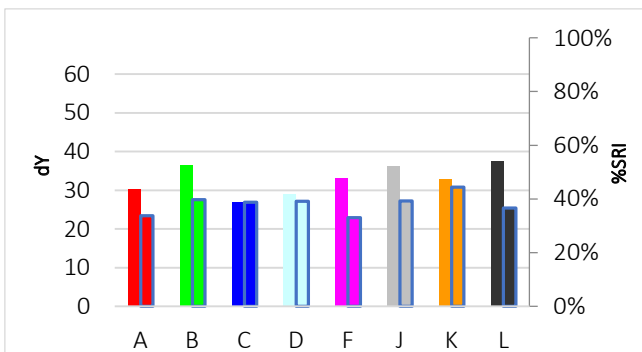
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Light Blue]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-101

Blood, slightly aged

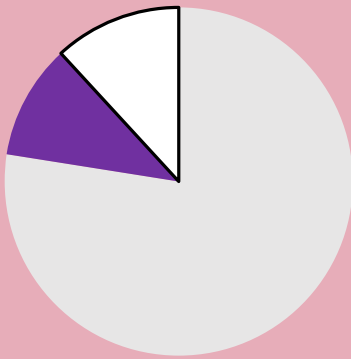


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

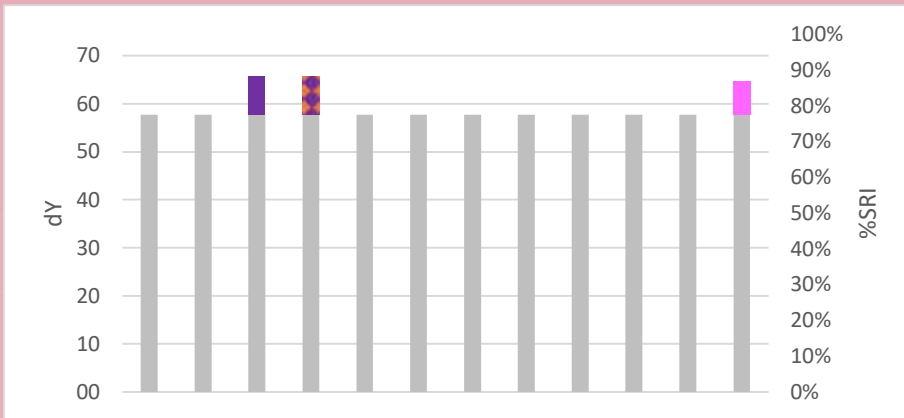
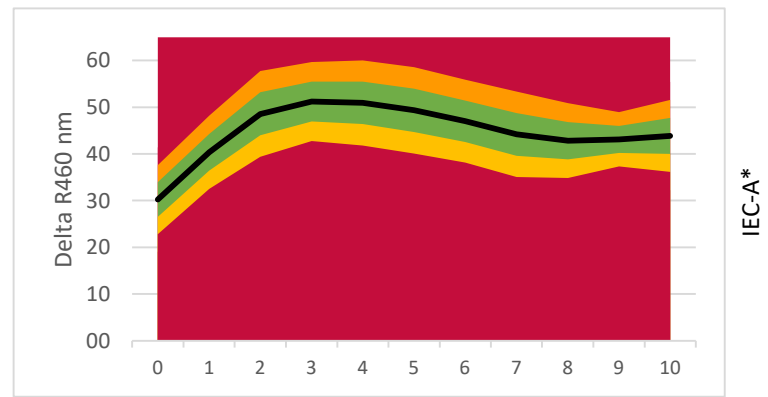
Order Code:	Substrate:	Width:	Yu:
C-S-101	Woven Cotton (CN-11)	90 cm	89,1
KC-S-101	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-101	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-101	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-101	PolyAcryl (PAN-01)	45 cm	89,3
S-S-101	Silk (T-601)	45 cm	83,9
W-S-101	Wool (T-541)	45 cm	67,2
N-S-101	Nylon (T-365)	45 cm	87,4

## Detergent Component Response



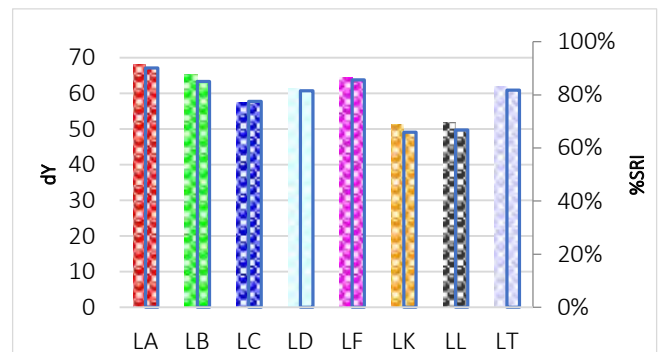
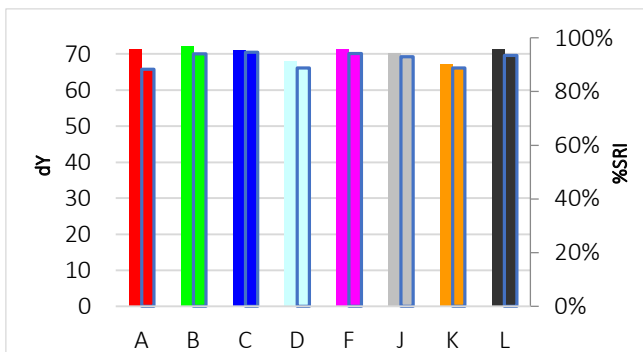
## Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

## Commercial Detergent Comparison



# C-S-02

## Cocoa, aged



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

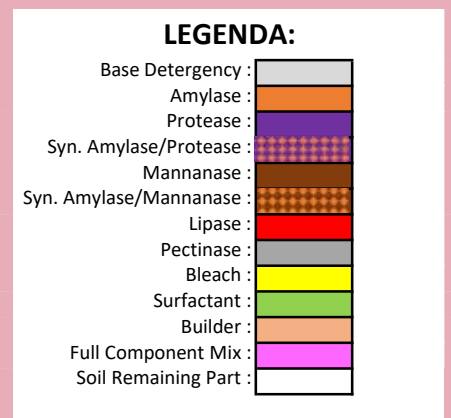
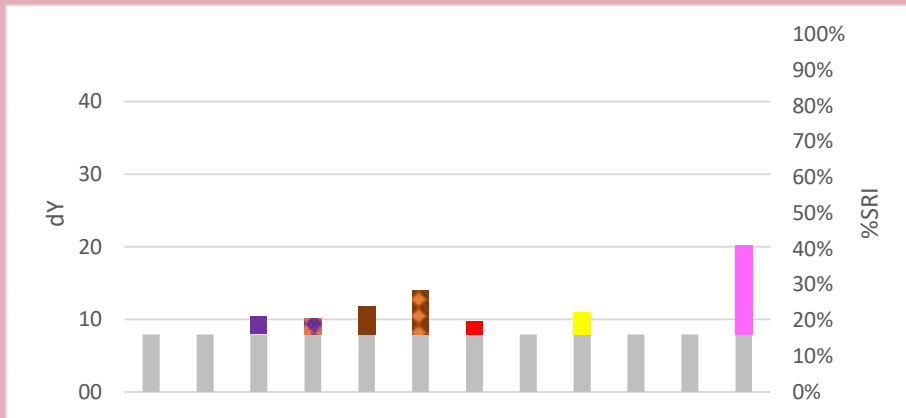
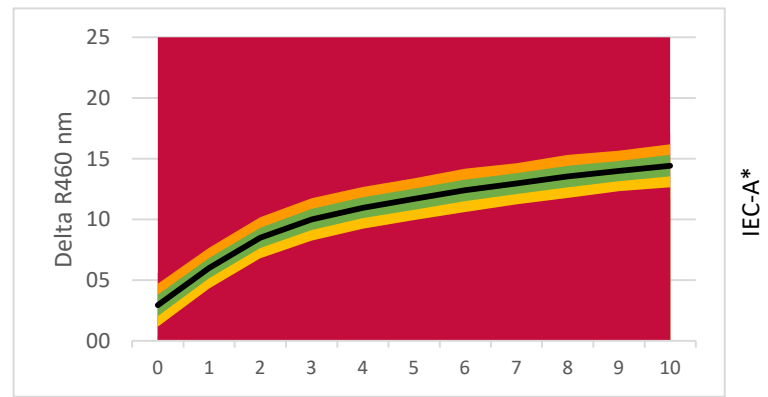
Order Code:	Substrate:	Width:	Yu:
C-S-02	Woven Cotton (CN-11)	90 cm	89,1
KC-S-02	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-02	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-02	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-02	PolyAcryl (PAN-01)	45 cm	89,3
S-S-02	Silk (T-601)	45 cm	83,9
W-S-02	Wool (T-541)	45 cm	67,2
N-S-02	Nylon (T-365)	45 cm	87,4

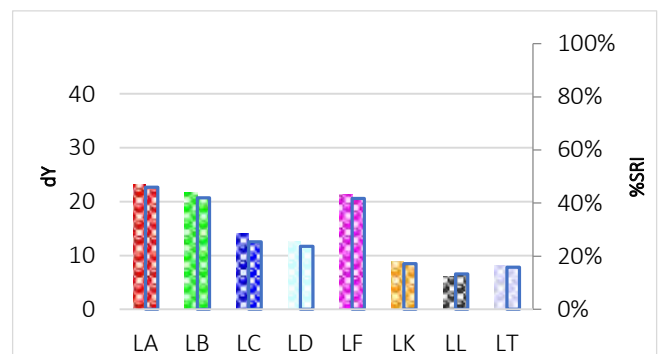
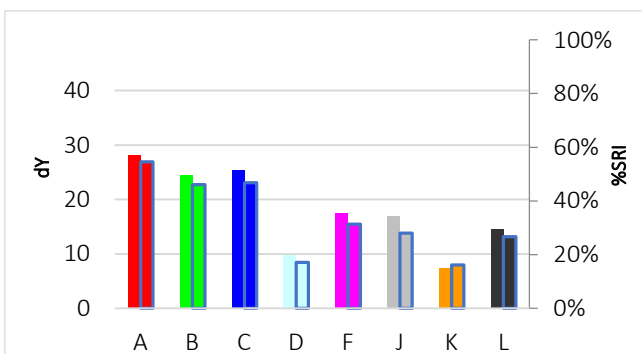
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-03

## Wine, aged

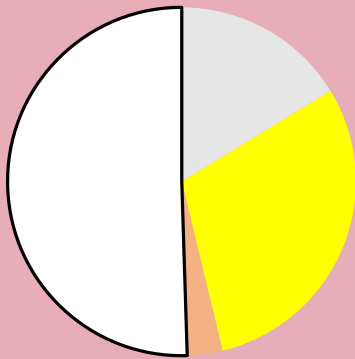


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

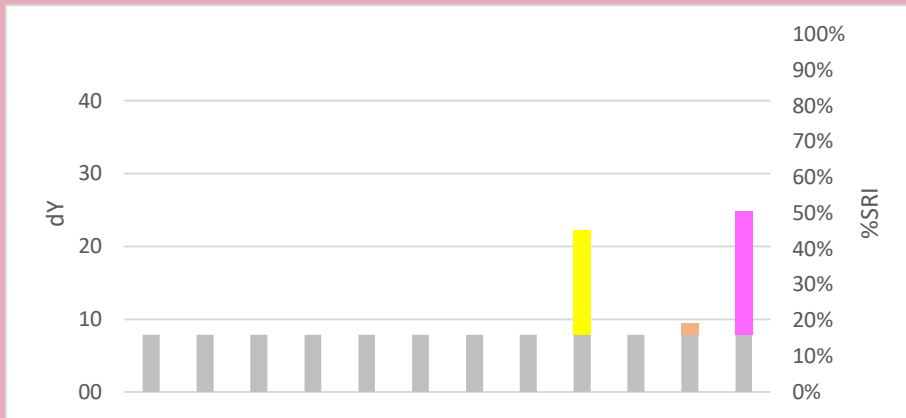
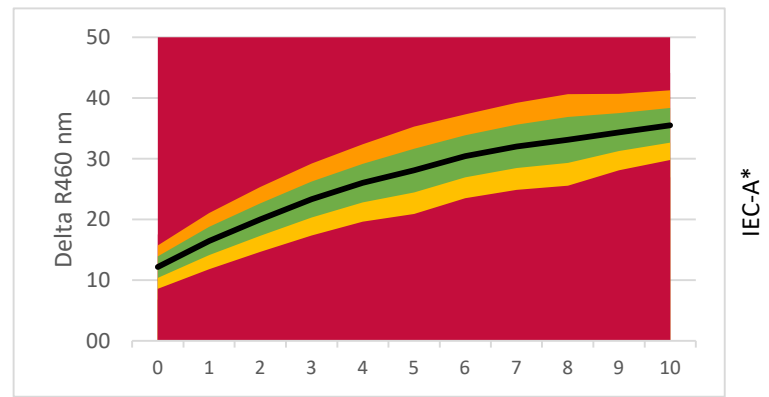
Order Code:	Substrate:	Width:	Yu:
C-S-03	Woven Cotton (CN-17)	90 cm	87,7
KC-S-03	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-03	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-03	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-03	PolyAcryl (PAN-01)	45 cm	89,3
S-S-03	Silk (T-601)	45 cm	83,9
W-S-03	Wool (T-541)	45 cm	67,2
N-S-03	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



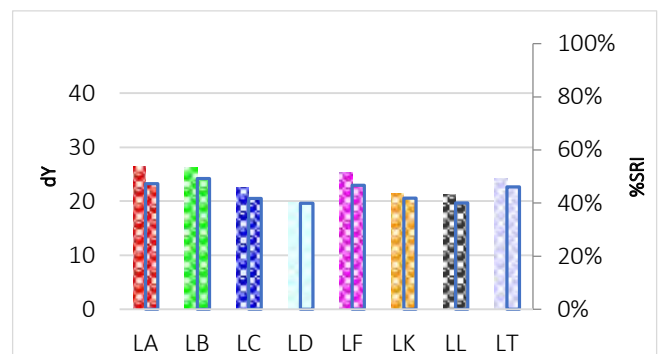
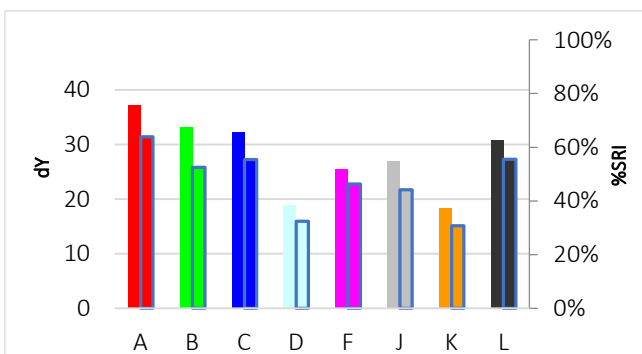
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Light Blue]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-103

## Wine

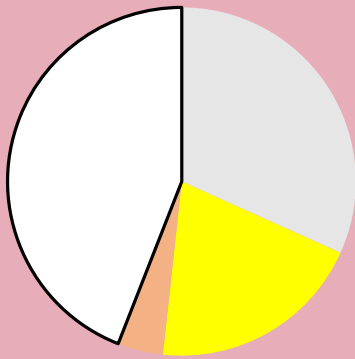


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★☆  
**Popularity:** ★★★★★

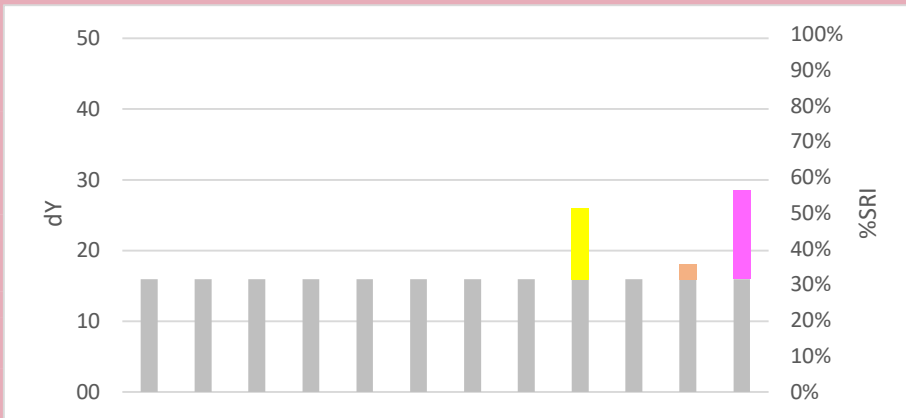
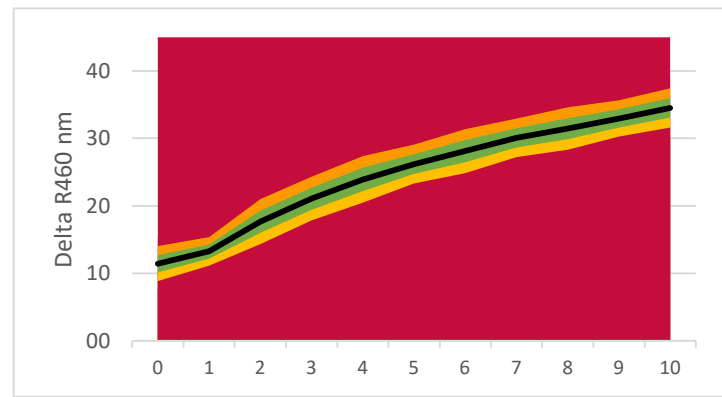
Order Code:	Substrate:	Width:	Yu:
C-S-103	Woven Cotton (CN-17)	90 cm	87,7
KC-S-103	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-103	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-103	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-103	PolyAcryl (PAN-01)	45 cm	89,3
S-S-103	Silk (T-601)	45 cm	83,9
W-S-103	Wool (T-541)	45 cm	67,2
N-S-103	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



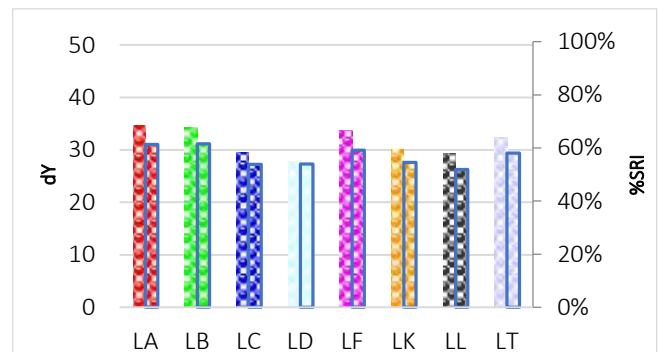
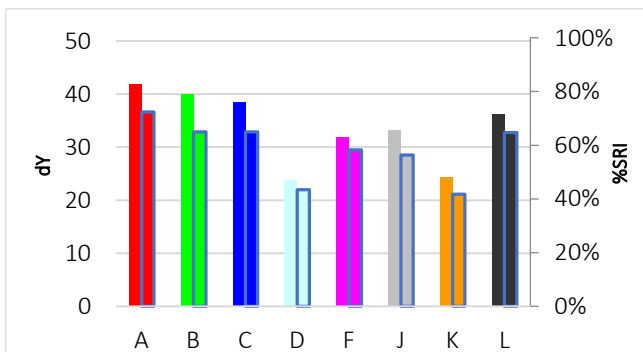
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-04

## Saturated with coloured olive oil

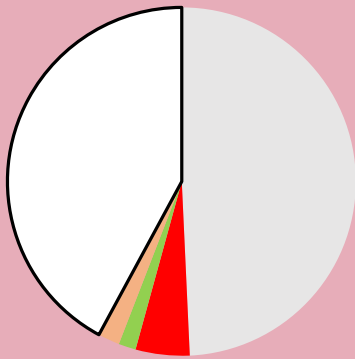


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

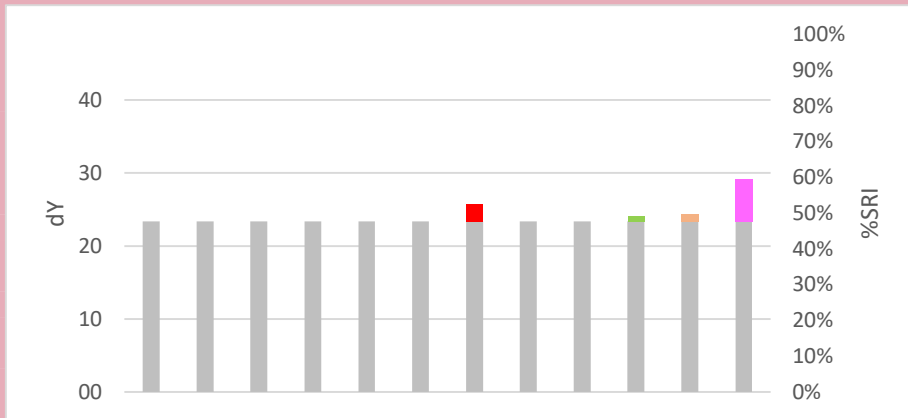
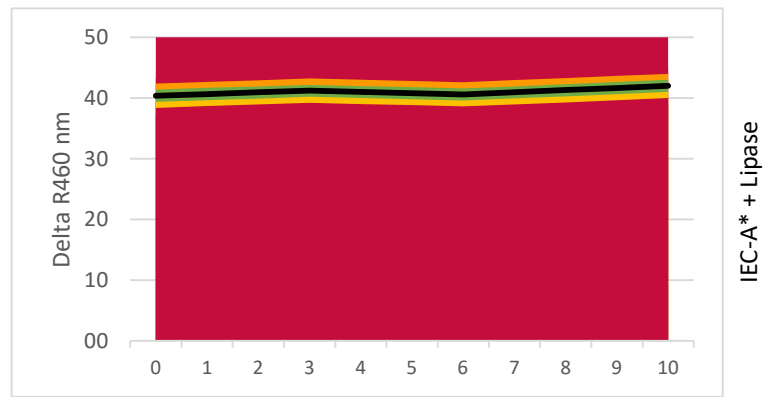
Order Code:	Substrate:	Width:	Yu:
C-S-04	Woven Cotton (CN-11)	45 cm	89,1
KC-S-04	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-04	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-04	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-04	PolyAcryl (PAN-01)	45 cm	89,3
S-S-04	Silk (T-601)	45 cm	83,9
W-S-04	Wool (T-541)	45 cm	67,2
N-S-04	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



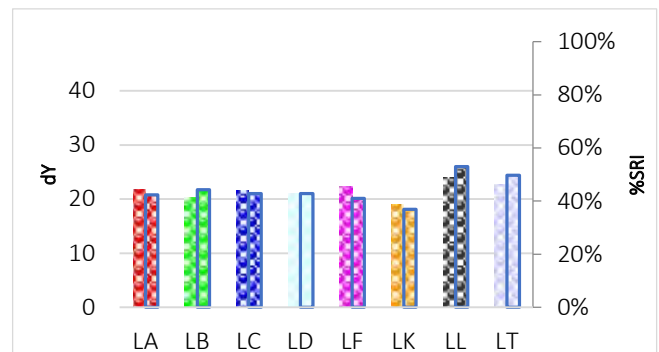
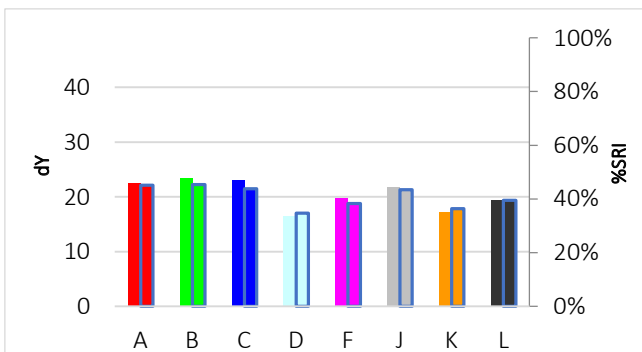
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-05s

## Mayonnaise with carbon black

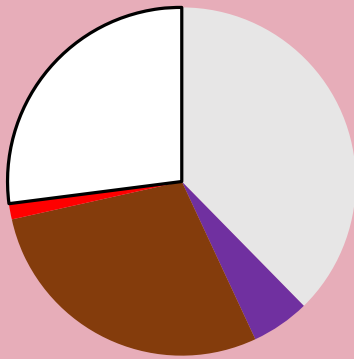


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★★★★

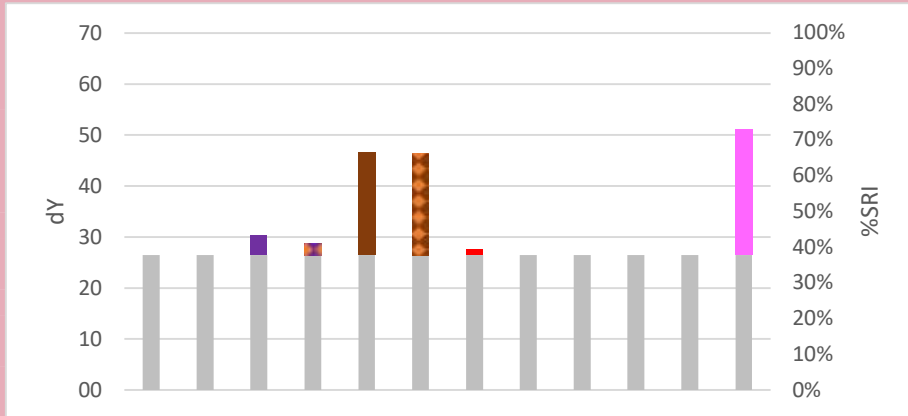
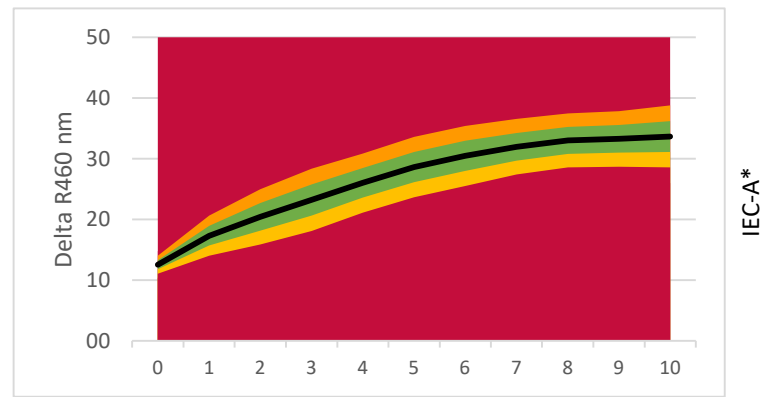
Order Code:	Substrate:	Width:	Yu:
C-S-05s	Woven Cotton (CN-17)	90 cm	87,7
KC-S-05s	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-05s	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-05s	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-05s	PolyAcryl (PAN-01)	45 cm	89,3
S-S-05s	Silk (T-601)	45 cm	83,9
W-S-05s	Wool (T-541)	45 cm	67,2
N-S-05s	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



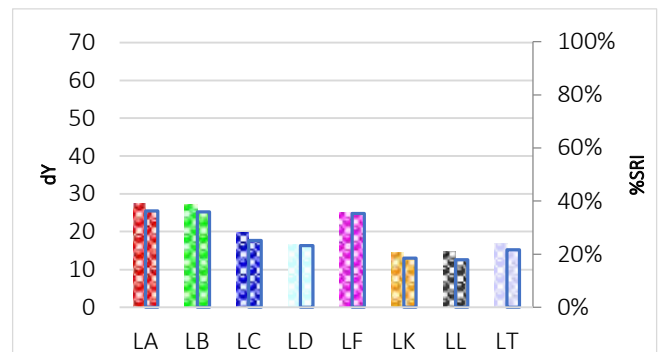
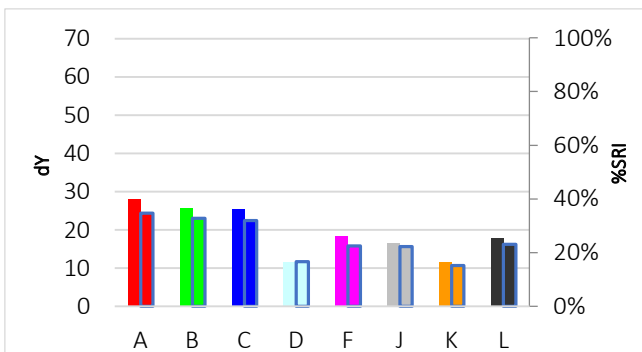
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison





# C-S-06

## Salad dressing with natural black

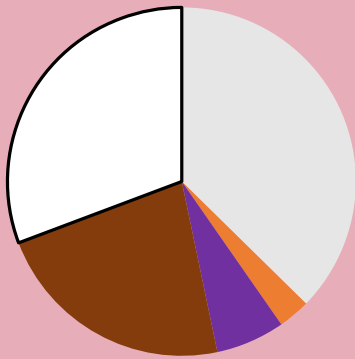


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★★★★

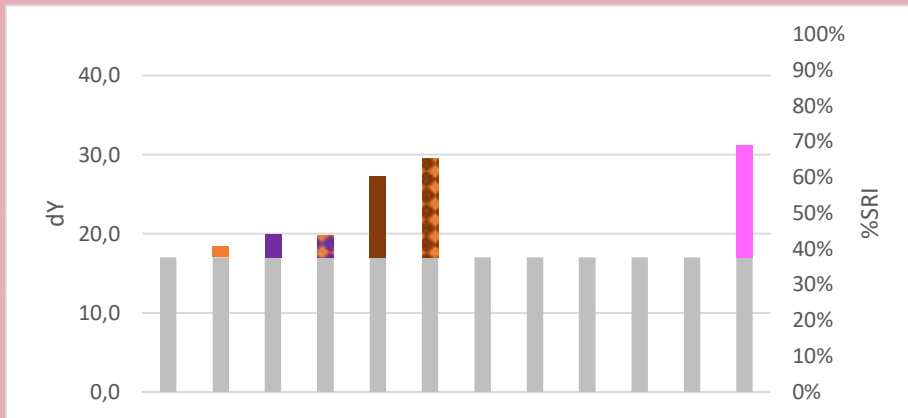
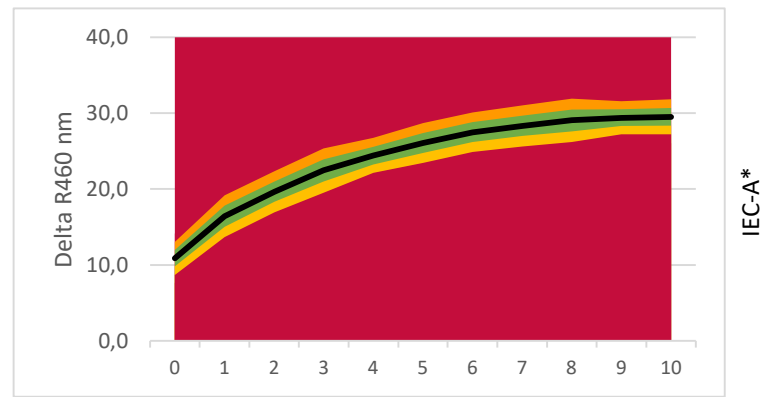
Order Code:	Substrate:	Width:	Yu:
C-S-06	Woven Cotton (T-400)	90 cm	88,9
KC-S-06	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-06	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-06	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-06	PolyAcryl (PAN-01)	45 cm	89,3
S-S-06	Silk (T-601)	45 cm	83,9
W-S-06	Wool (T-541)	45 cm	67,2
N-S-06	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



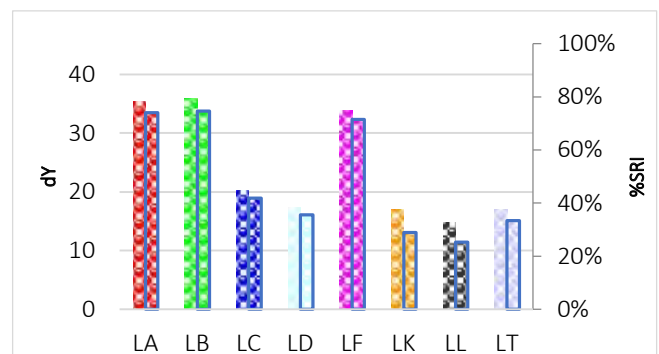
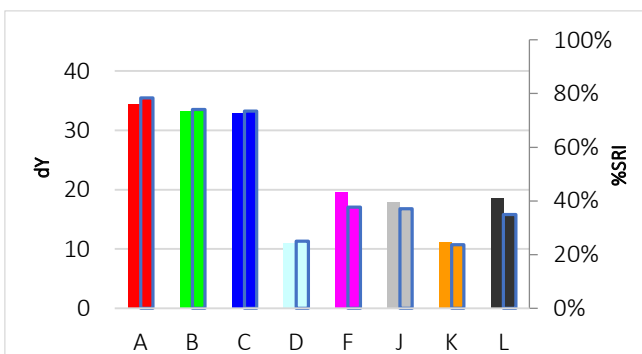
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-07

## Grass, pure



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

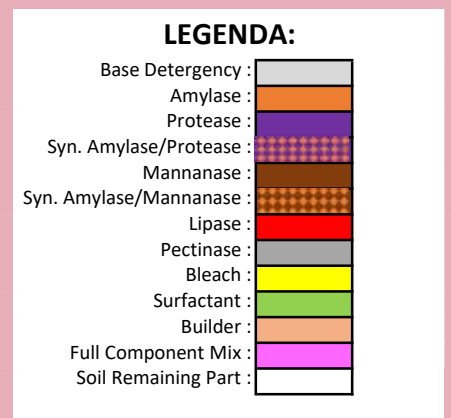
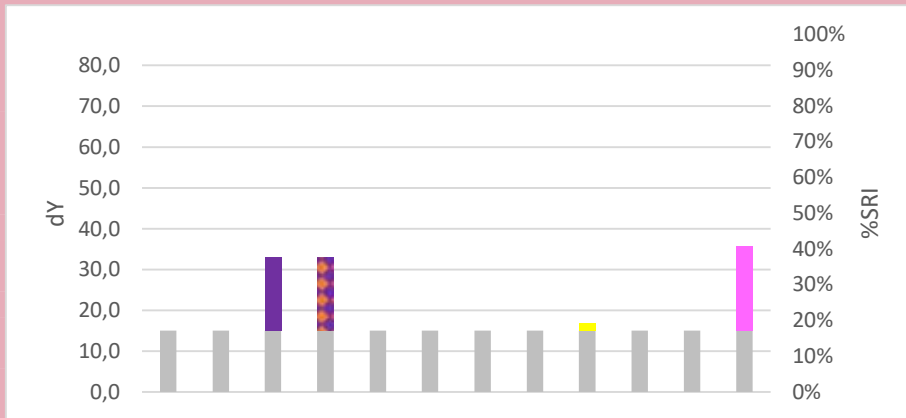
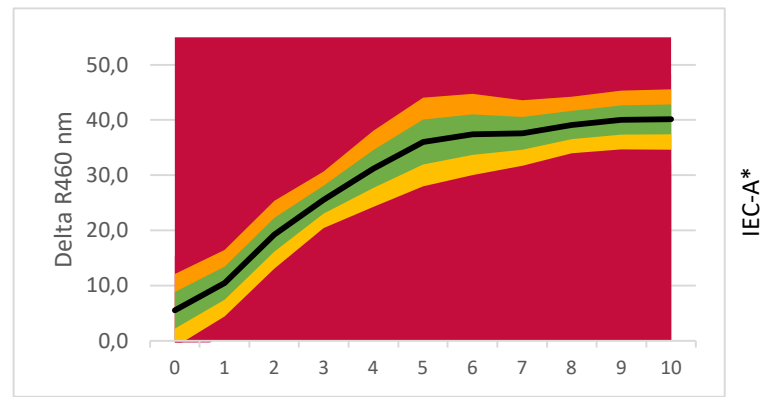
Order Code:	Substrate:	Width:	Yu:
C-S-07	Woven Cotton (CN-17)	45 cm	87,7
KC-S-07	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-07	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-07	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-07	PolyAcryl (PAN-01)	45 cm	89,3
S-S-07	Silk (T-601)	45 cm	83,9
W-S-07	Wool (T-541)	45 cm	67,2
N-S-07	Nylon (T-365)	45 cm	87,4

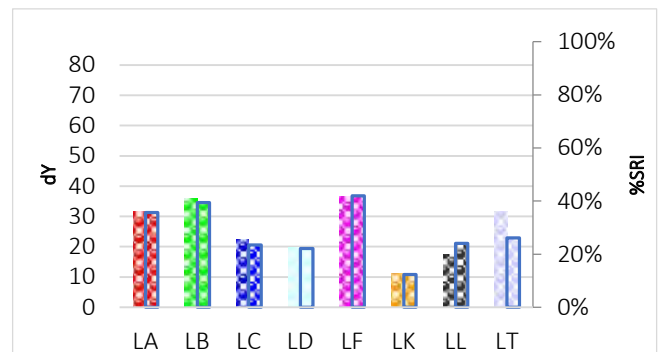
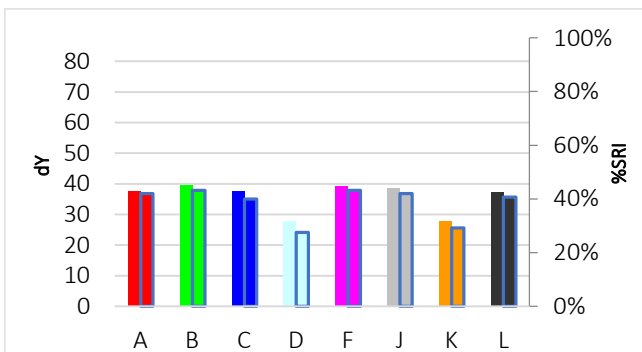
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-08

## Grass, extract

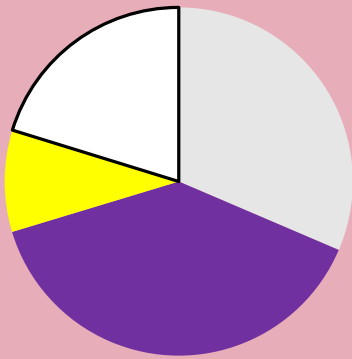


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

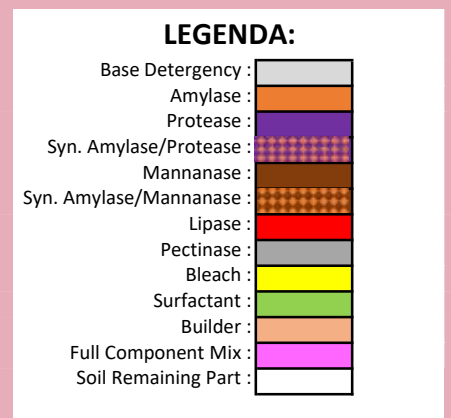
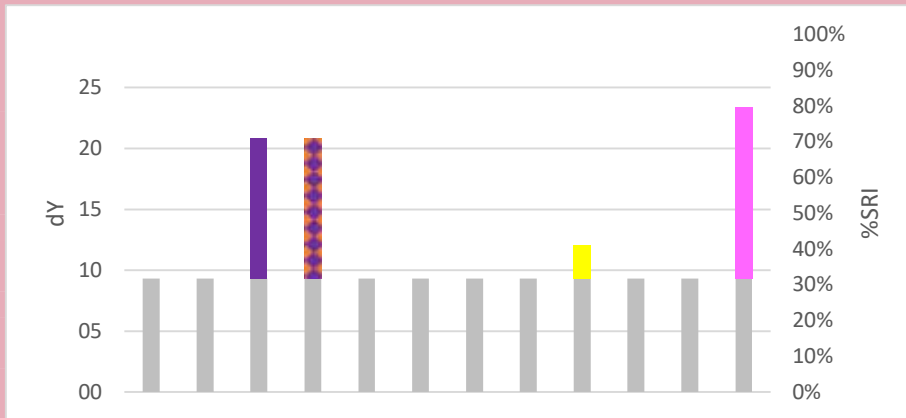
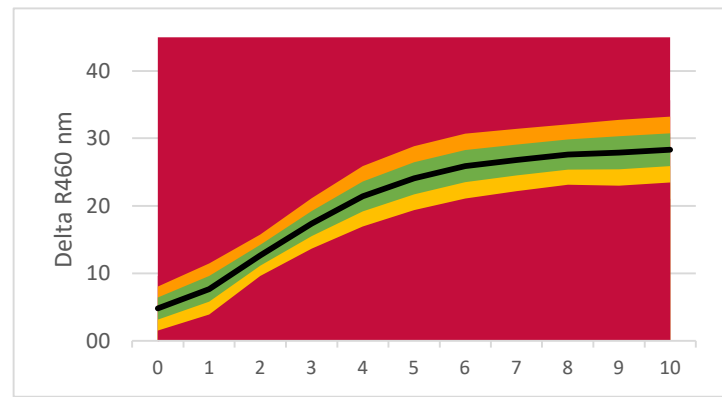
Order Code:	Substrate:	Width:	Yu:
C-S-08	Woven Cotton (CN-17)	90 cm	87,7
KC-S-08	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-08	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-08	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-08	PolyAcryl (PAN-01)	45 cm	89,3
S-S-08	Silk (T-601)	45 cm	83,9
W-S-08	Wool (T-541)	45 cm	67,2
N-S-08	Nylon (T-365)	45 cm	87,4

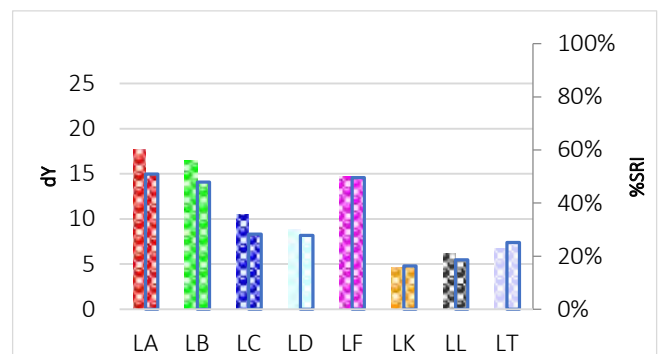
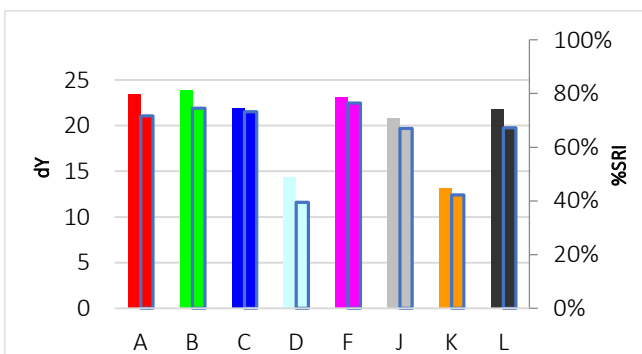
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-09

## Egg yolk

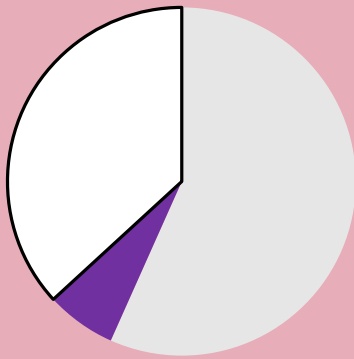


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

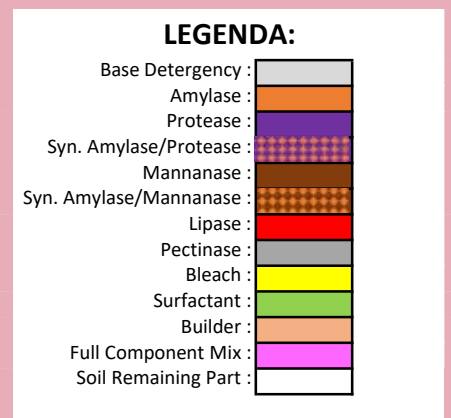
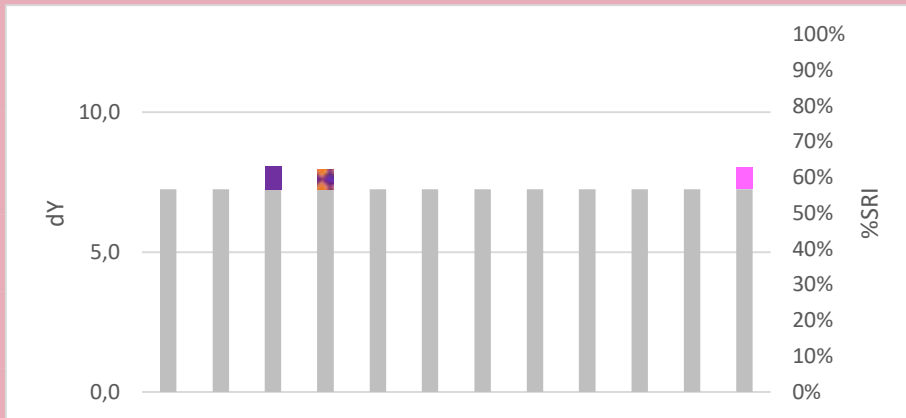
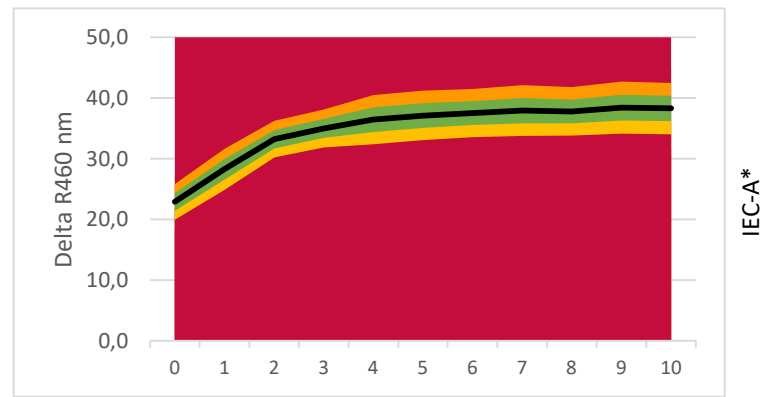
Order Code:	Substrate:	Width:	Yu:
C-S-09	Woven Cotton (CN-01)	90 cm	89,1
KC-S-09	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-09	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-09	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-09	PolyAcryl (PAN-01)	45 cm	89,3
S-S-09	Silk (T-601)	45 cm	83,9
W-S-09	Wool (T-541)	45 cm	67,2
N-S-09	Nylon (T-365)	45 cm	87,4

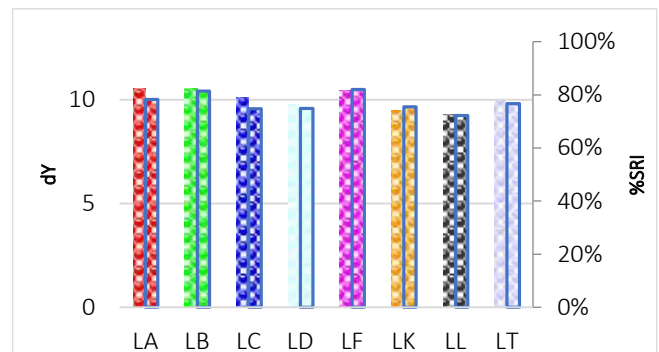
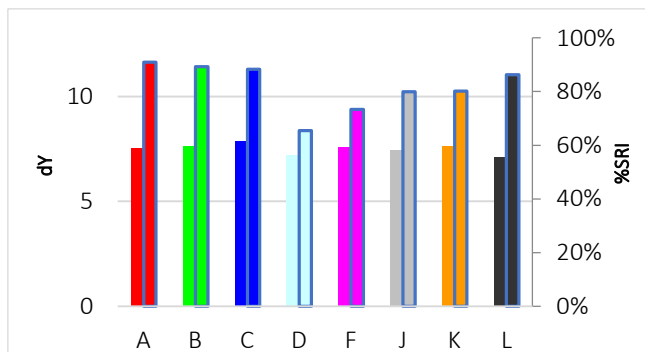
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-10

## Butterfat with colourant

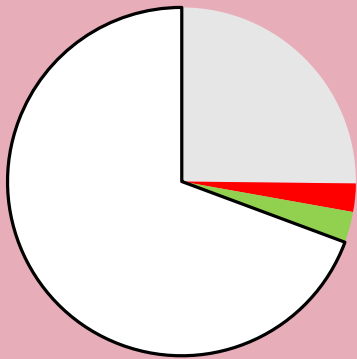


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

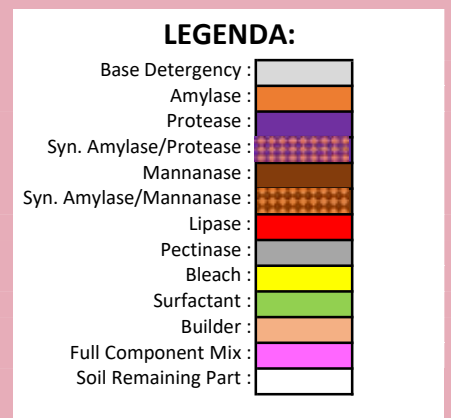
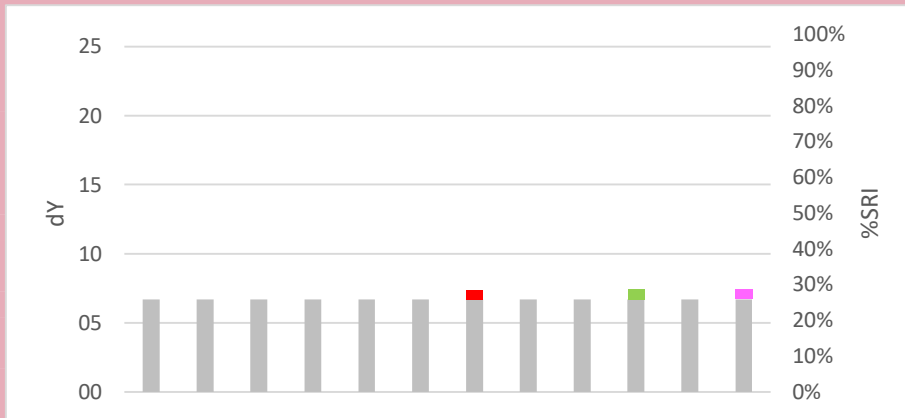
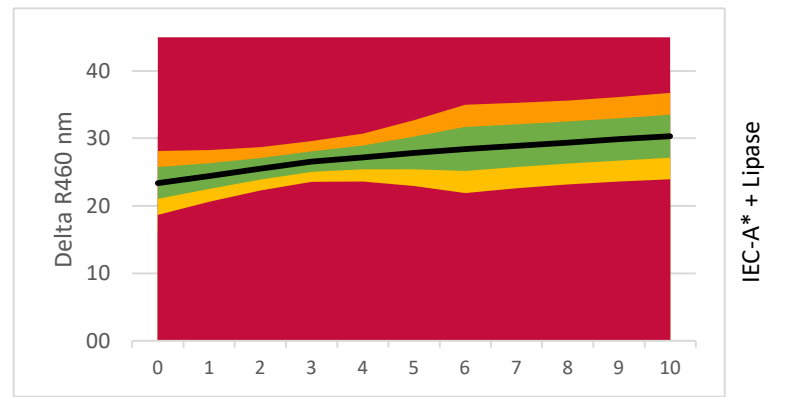
Order Code:	Substrate:	Width:	Yu:
C-S-10	Woven Cotton (CN-11)	45 cm	89,1
KC-S-10	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-10	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-10	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-10	PolyAcryl (PAN-01)	45 cm	89,3
S-S-10	Silk (T-601)	45 cm	83,9
W-S-10	Wool (T-541)	45 cm	67,2
N-S-10	Nylon (T-365)	45 cm	87,4

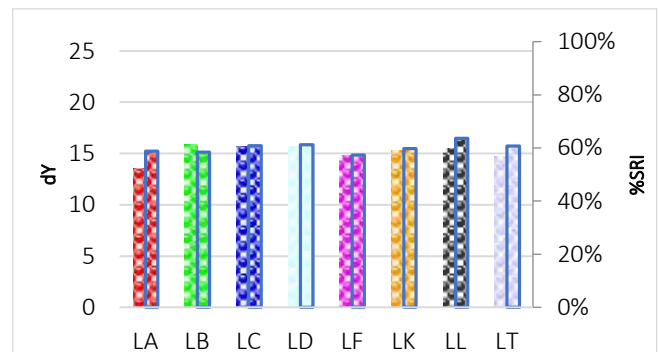
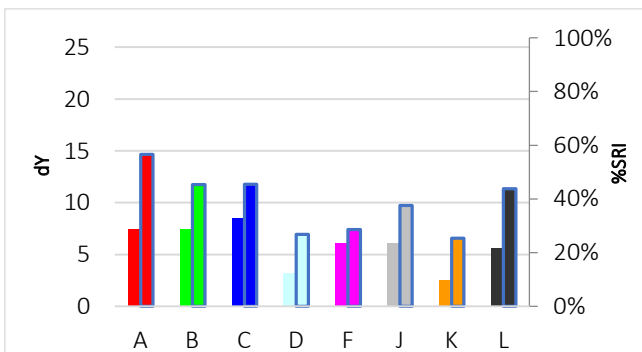
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-11

## Redcurrant juice, aged

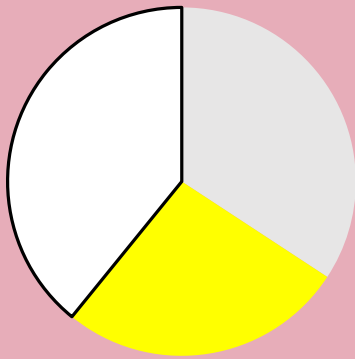


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

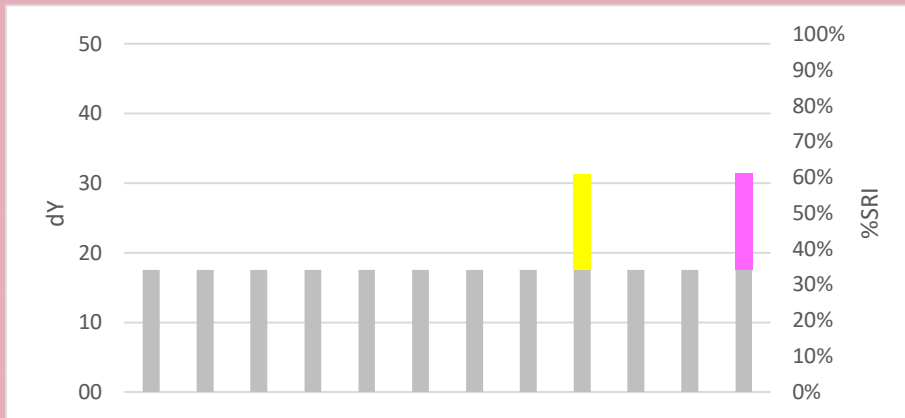
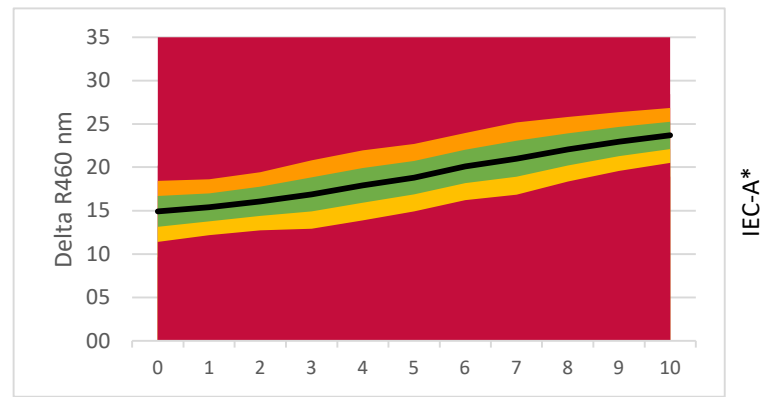
Order Code:	Substrate:	Width:	Yu:
C-S-11	Woven Cotton (CN-17)	45 cm	87,7
KC-S-11	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-11	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-11	Polyester (W-30 A)	45 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-11	PolyAcryl (PAN-01)	45 cm	89,3
S-S-11	Silk (T-601)	45 cm	83,9
W-S-11	Wool (T-541)	45 cm	67,2
N-S-11	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



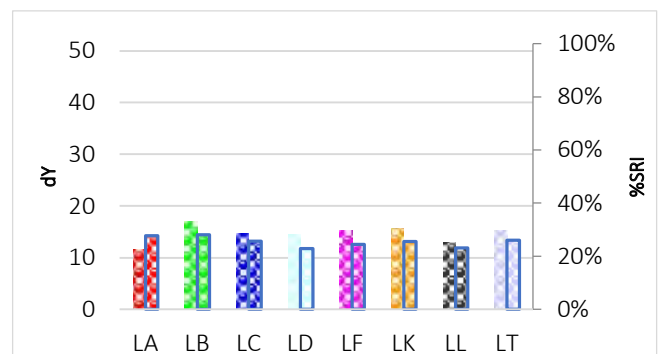
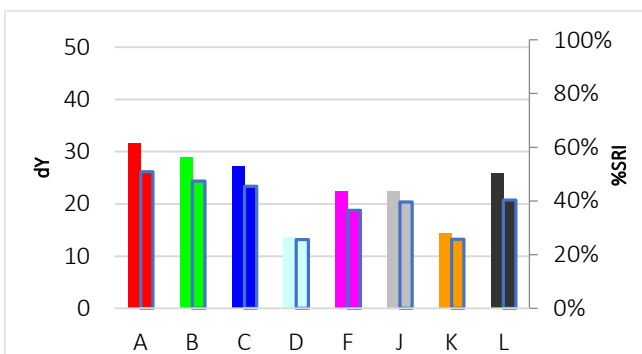
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-12

## Blackcurrant juice, aged

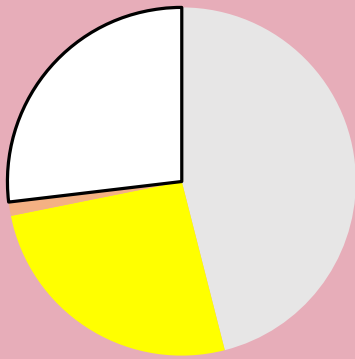


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

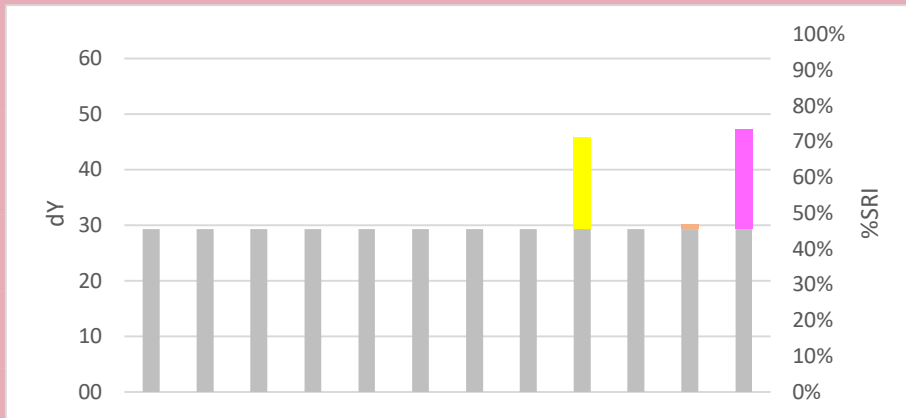
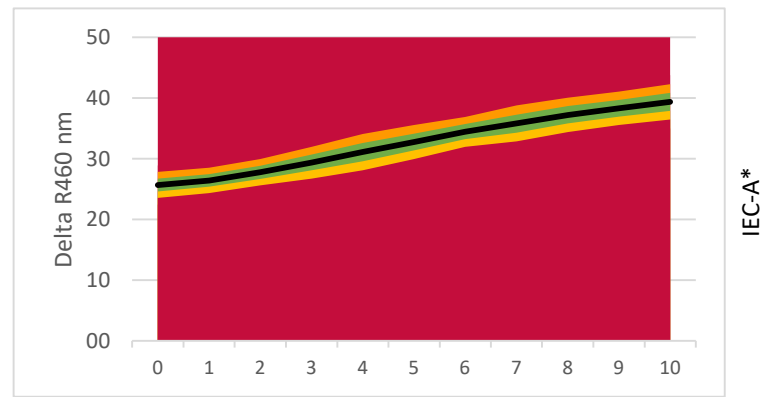
Order Code:	Substrate:	Width:	Yu:
C-S-12	Woven Cotton (CN-17)	90 cm	87,7
KC-S-12	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-12	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-12	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-12	PolyAcryl (PAN-01)	45 cm	89,3
S-S-12	Silk (T-601)	45 cm	83,9
W-S-12	Wool (T-541)	45 cm	67,2
N-S-12	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



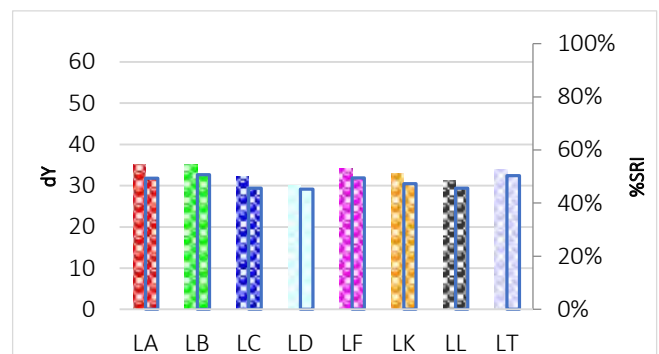
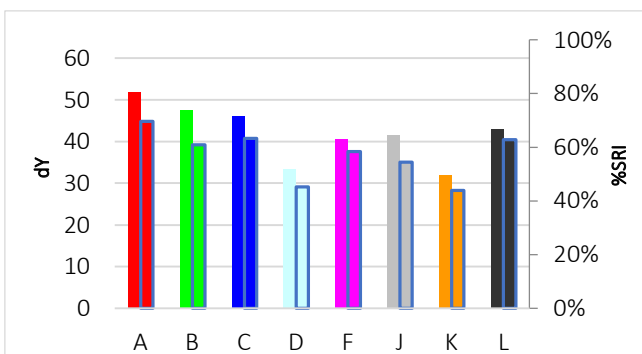
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-112

## Blackcurrant juice

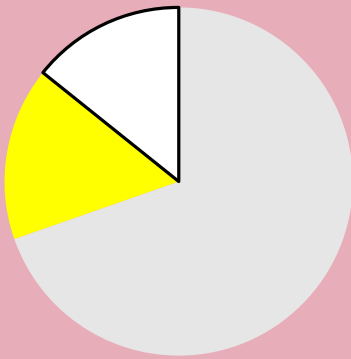


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

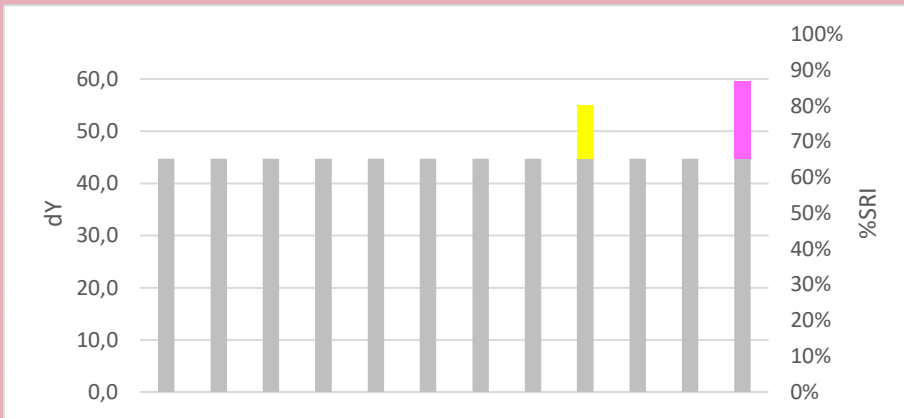
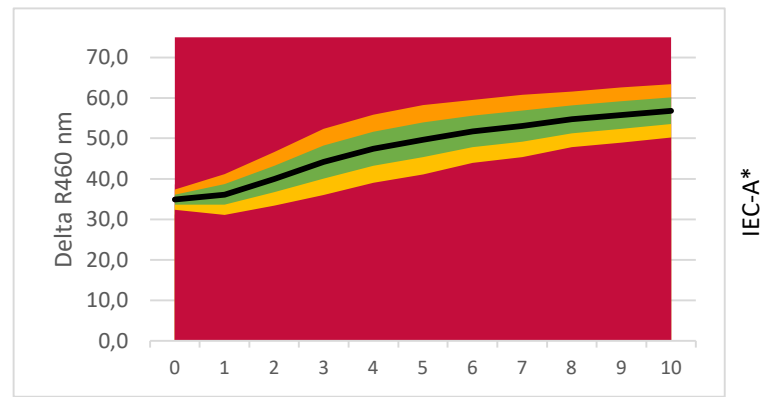
Order Code:	Substrate:	Width:	Yu:
C-S-112	Woven Cotton (CN-17)	90 cm	87,7
KC-S-112	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-112	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-112	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-112	PolyAcryl (PAN-01)	45 cm	89,3
S-S-112	Silk (T-601)	45 cm	83,9
W-S-112	Wool (T-541)	45 cm	67,2
N-S-112	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



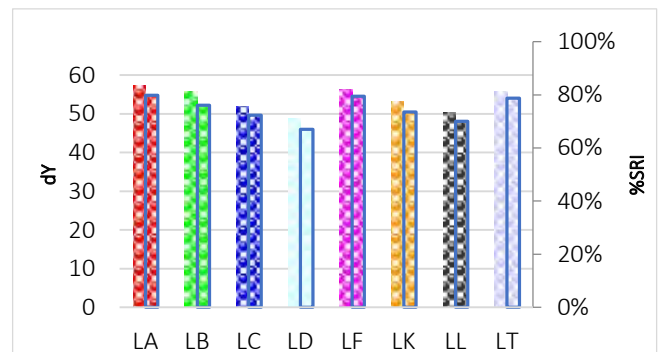
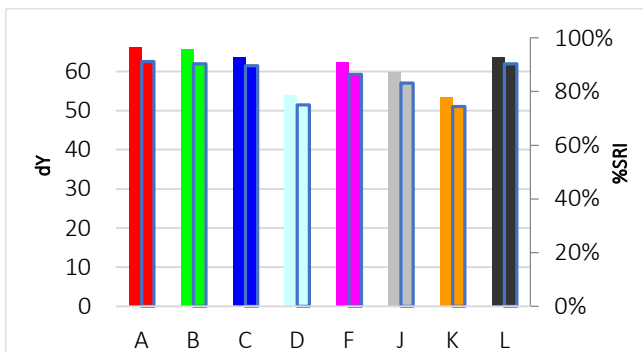
### Detergent Dosage/Response & QC



**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-S-13

## Apple juice, aged

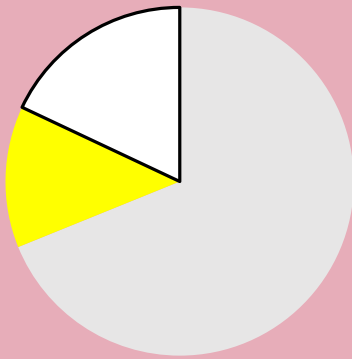


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★☆☆  
**Popularity:** ★★★★★

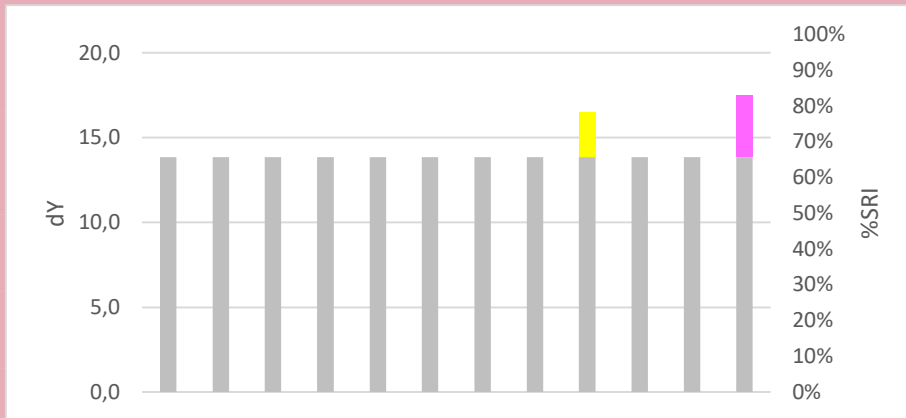
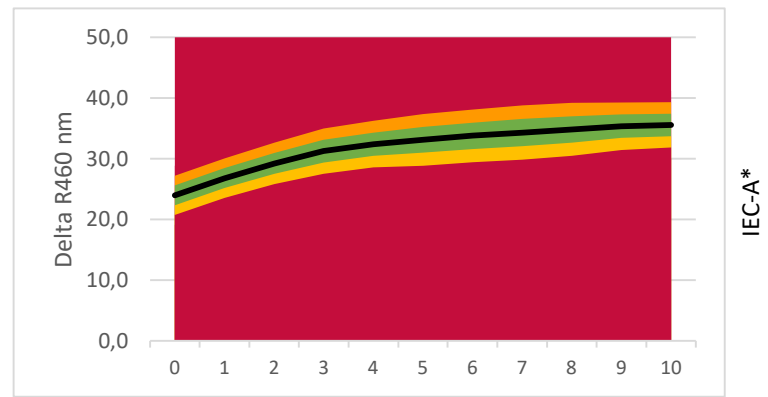
Order Code:	Substrate:	Width:	Yu:
C-S-13	Woven Cotton (CN-17)	90 cm	87,7
KC-S-13	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-13	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-13	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-13	PolyAcryl (PAN-01)	45 cm	89,3
S-S-13	Silk (T-601)	45 cm	83,9
W-S-13	Wool (T-541)	45 cm	67,2
N-S-13	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



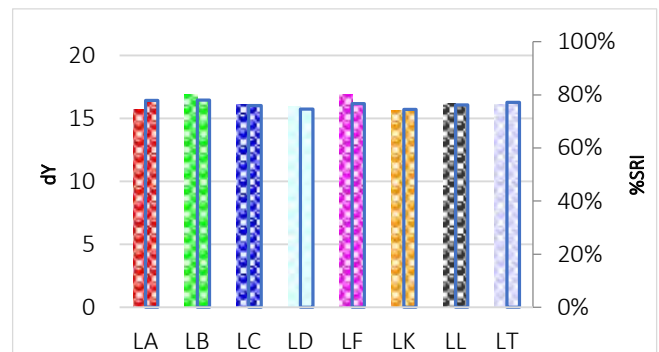
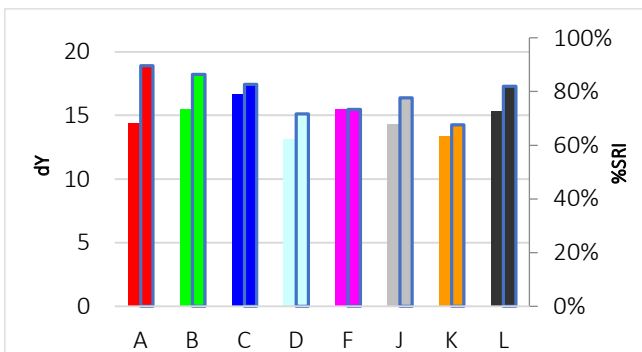
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Light Blue]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-14

## Cherry juice, aged

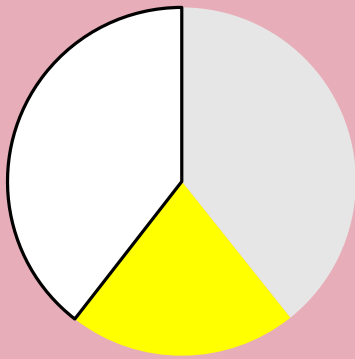


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★☆☆☆☆  
**Popularity:** ★★☆☆☆

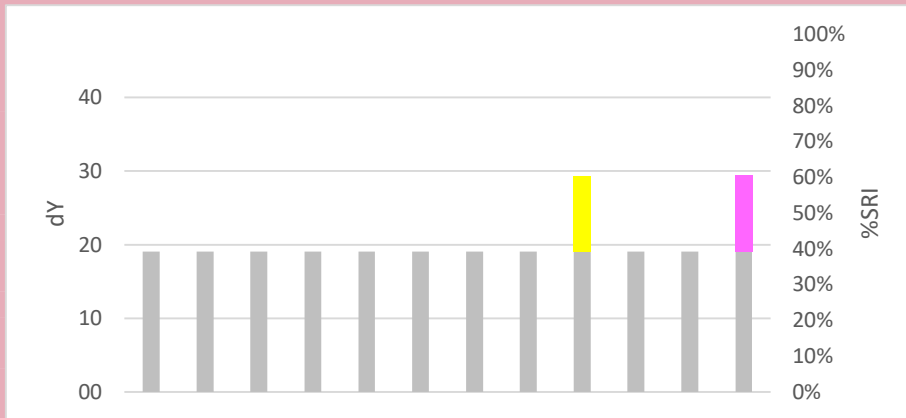
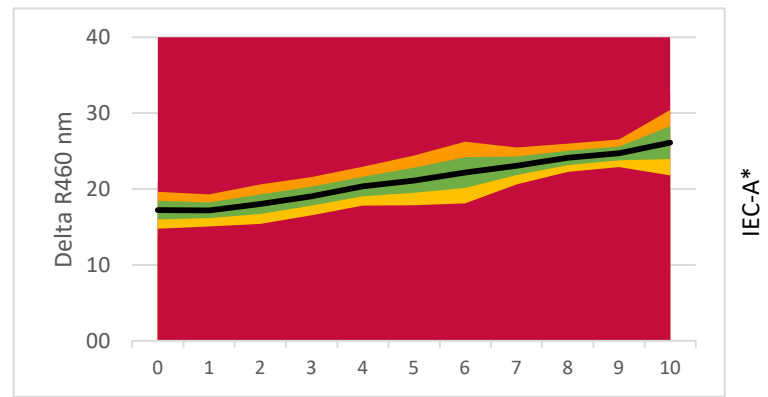
Order Code:	Substrate:	Width:	Yu:
C-S-14	Woven Cotton (CN-17)	45 cm	87,7
KC-S-14	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-14	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-14	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-14	PolyAcryl (PAN-01)	45 cm	89,3
S-S-14	Silk (T-601)	45 cm	83,9
W-S-14	Wool (T-541)	45 cm	67,2
N-S-14	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



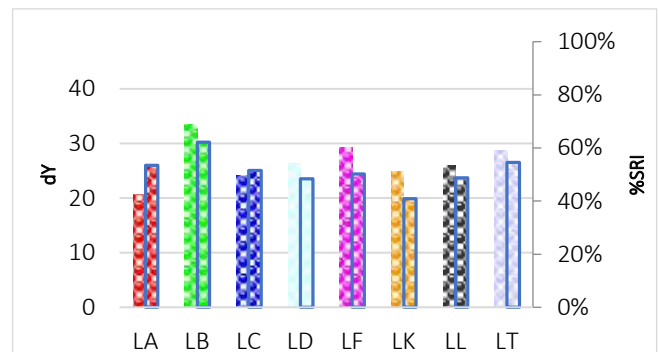
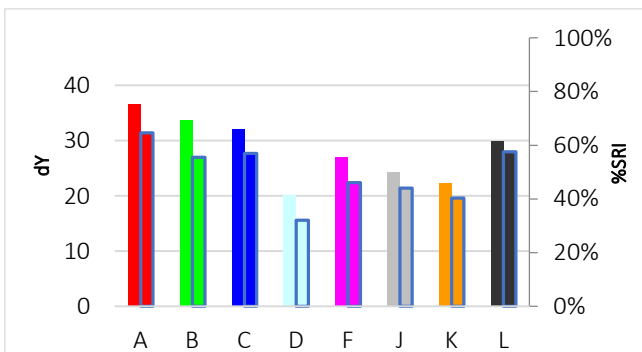
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-15

## Bil(blue)berry juice

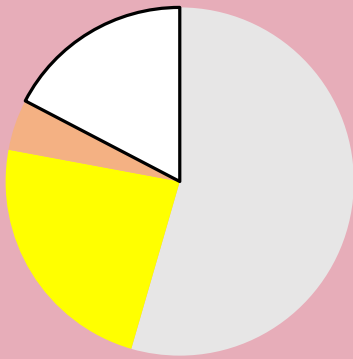


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

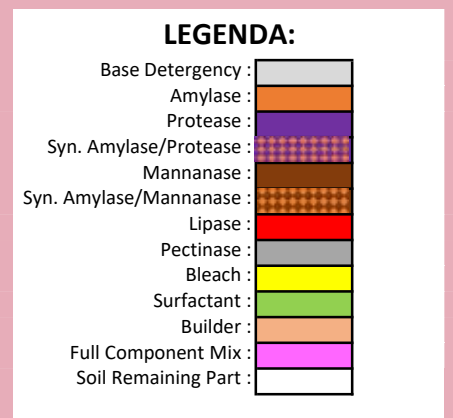
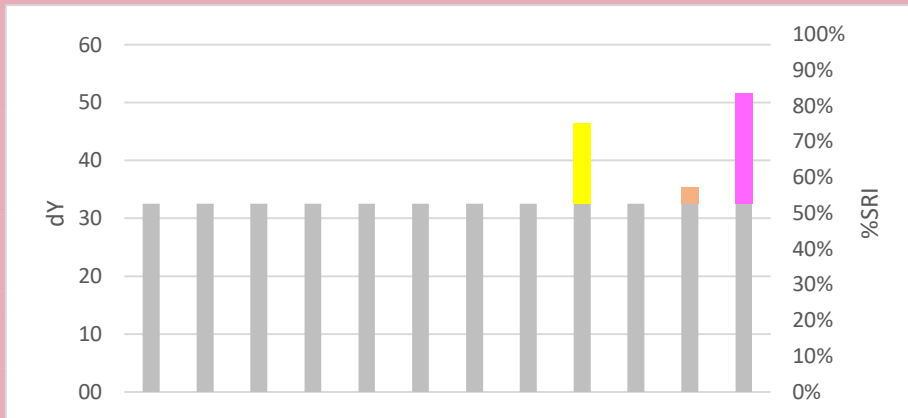
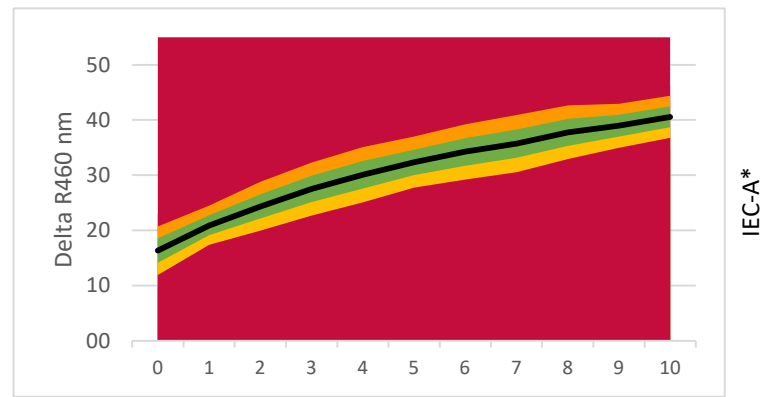
Order Code:	Substrate:	Width:	Yu:
C-S-15	Woven Cotton (CN-17)	90 cm	87,7
KC-S-15	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-15	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-15	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-15	PolyAcryl (PAN-01)	45 cm	89,3
S-S-15	Silk (T-601)	45 cm	83,9
W-S-15	Wool (T-541)	45 cm	67,2
N-S-15	Nylon (T-365)	45 cm	87,4

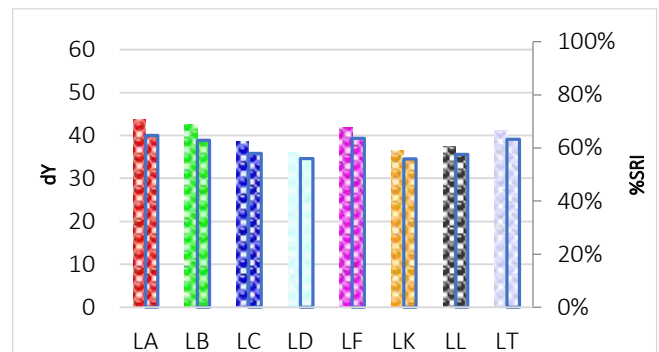
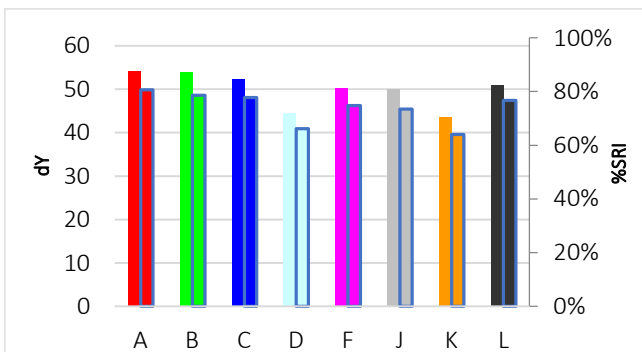
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-115

## Bil(blue)berry juice, not aged

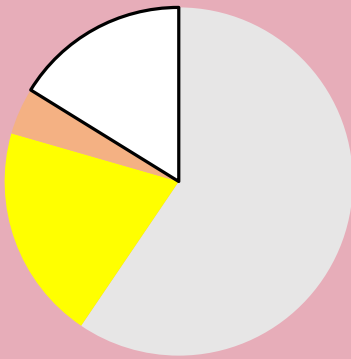


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

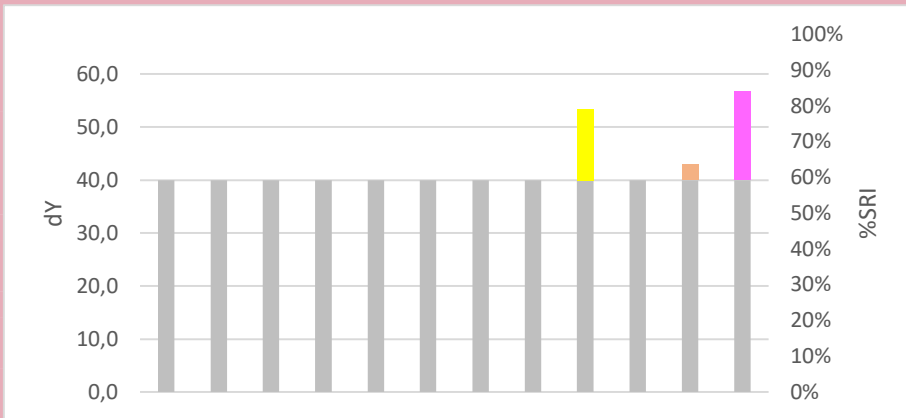
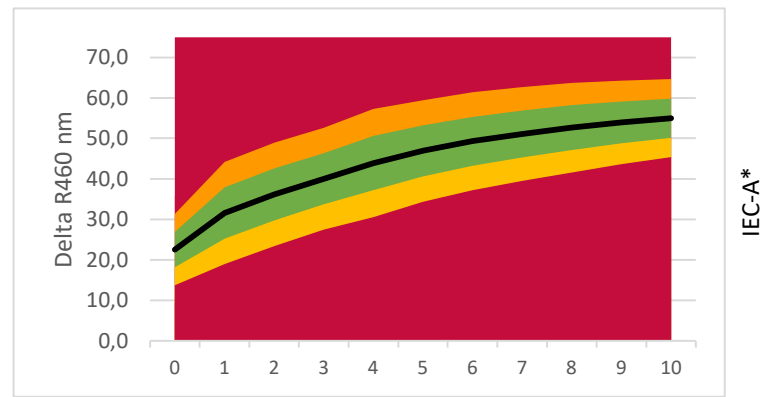
Order Code:	Substrate:	Width:	Yu:
C-S-115	Woven Cotton (CN-17)	90 cm	87,7
KC-S-115	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-115	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-115	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-115	PolyAcryl (PAN-01)	45 cm	89,3
S-S-115	Silk (T-601)	45 cm	83,9
W-S-115	Wool (T-541)	45 cm	67,2
N-S-115	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



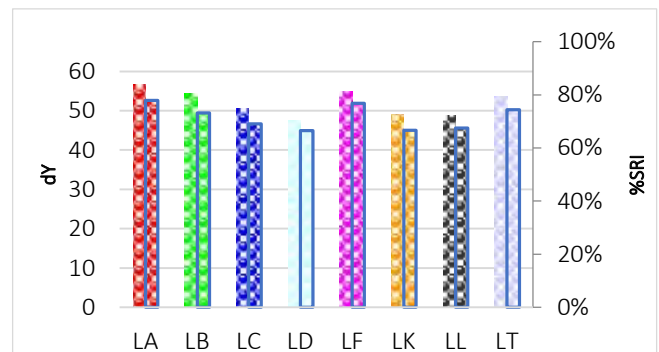
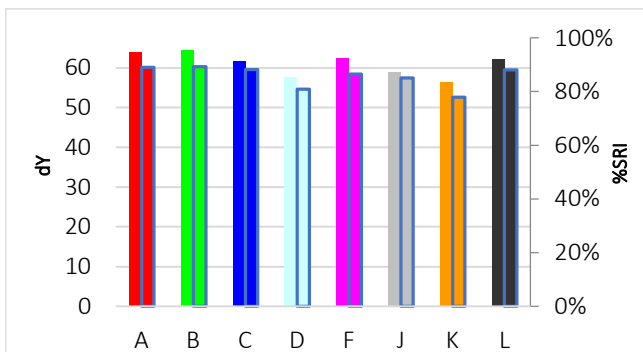
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Light Blue]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Orange]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-16

## Lipstick, pink

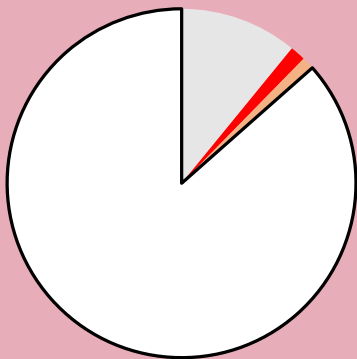


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

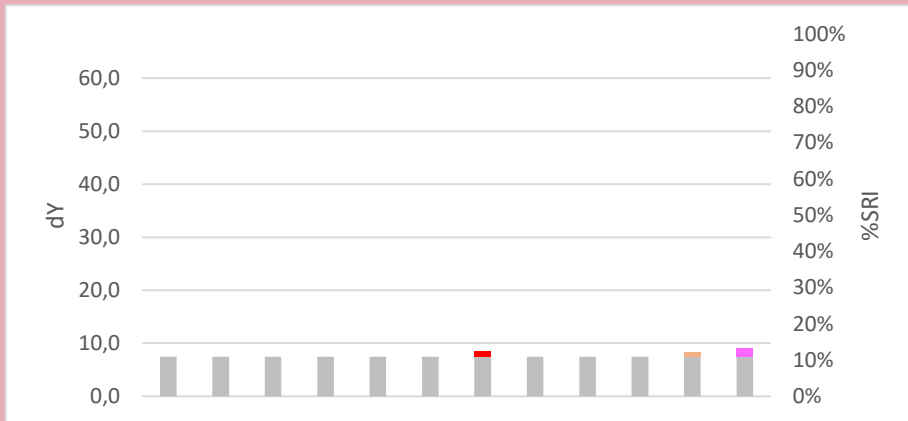
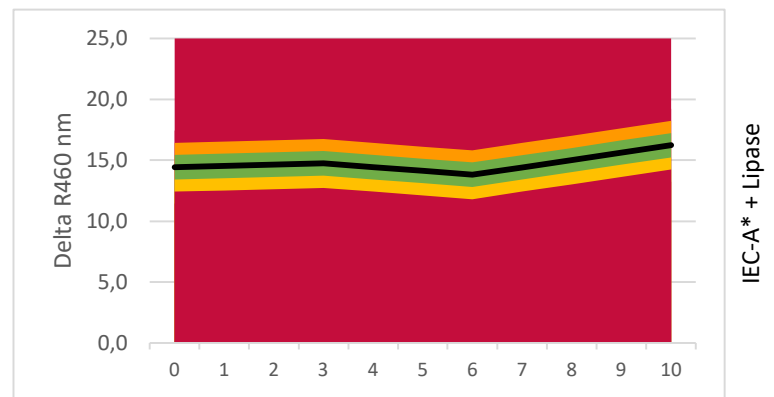
Order Code:	Substrate:	Width:	Yu:
C-S-16	Woven Cotton (CN-11)	45 cm	89,1
KC-S-16	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-16	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-16	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-16	PolyAcryl (PAN-01)	45 cm	89,3
S-S-16	Silk (T-601)	45 cm	83,9
W-S-16	Wool (T-541)	45 cm	67,2
N-S-16	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



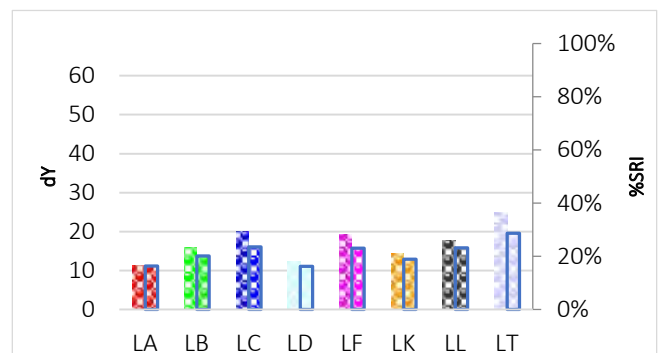
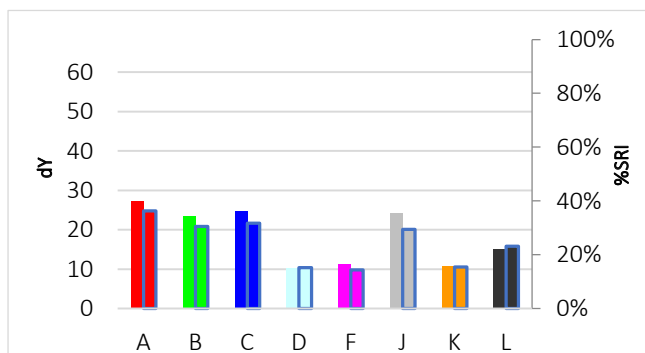
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-116

## Lipstick, diluted, pink

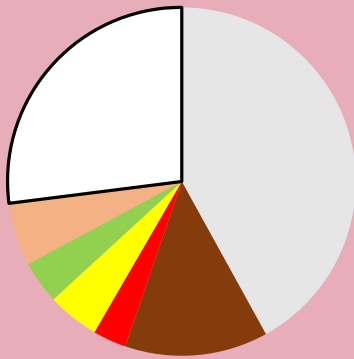


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

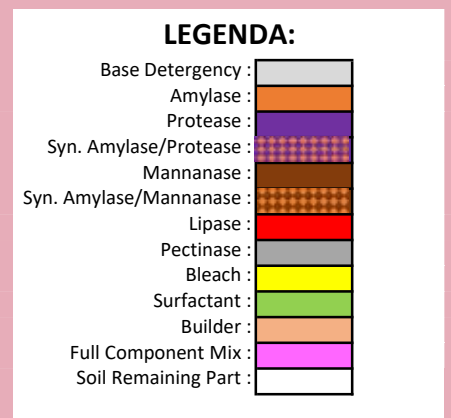
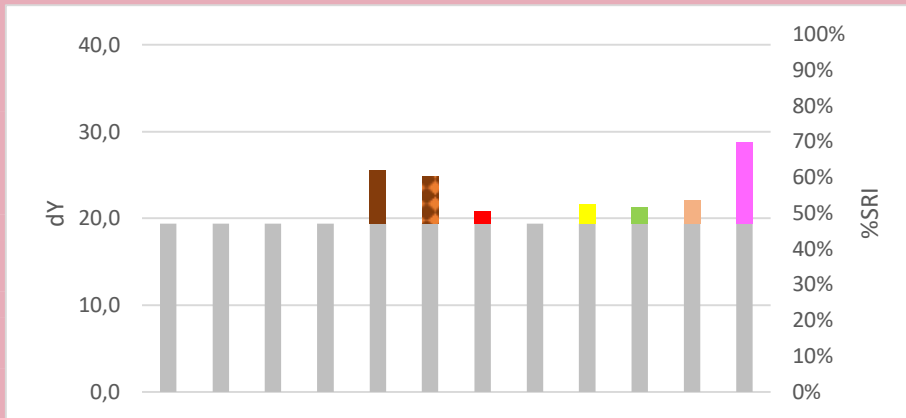
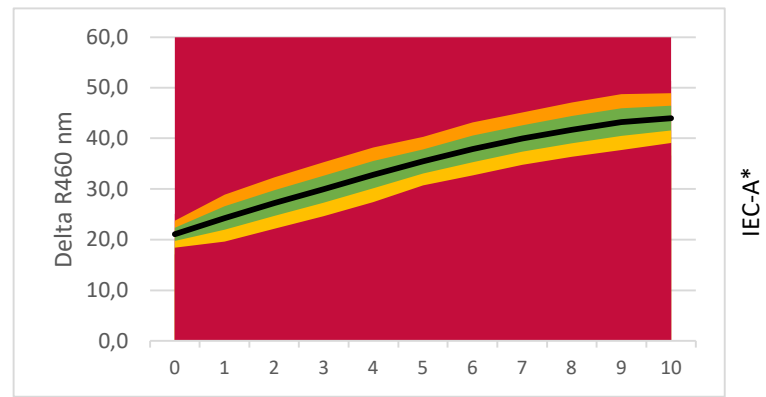
Order Code:	Substrate:	Width:	Yu:
C-S-116	Woven Cotton (CN-11)	90 cm	89,1
KC-S-116	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-116	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-116	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-116	PolyAcryl (PAN-01)	45 cm	89,3
S-S-116	Silk (T-601)	45 cm	83,9
W-S-116	Wool (T-541)	45 cm	67,2
N-S-116	Nylon (T-365)	45 cm	87,4

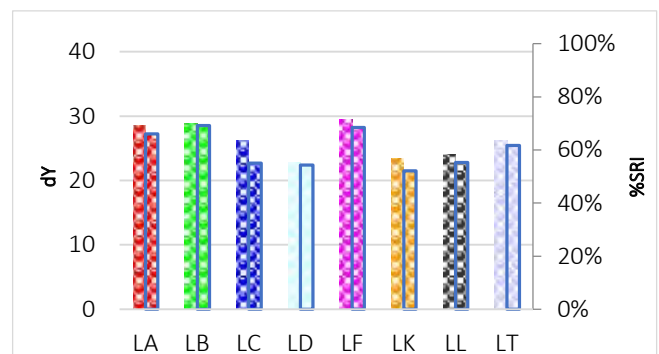
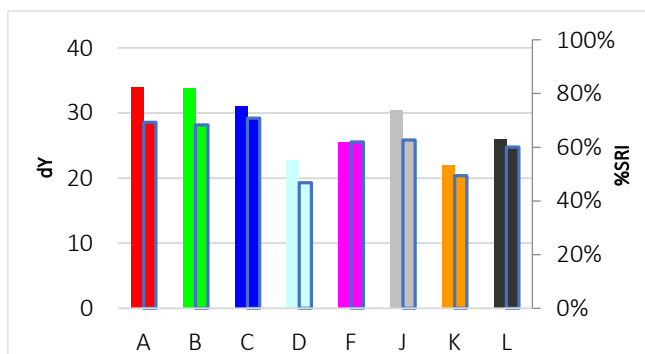
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-216

## Lipstick, diluted, red

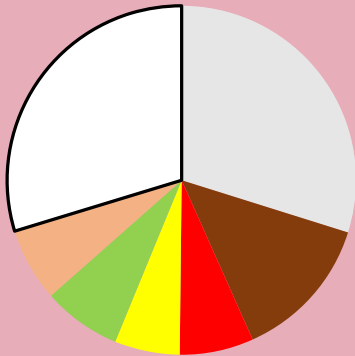


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

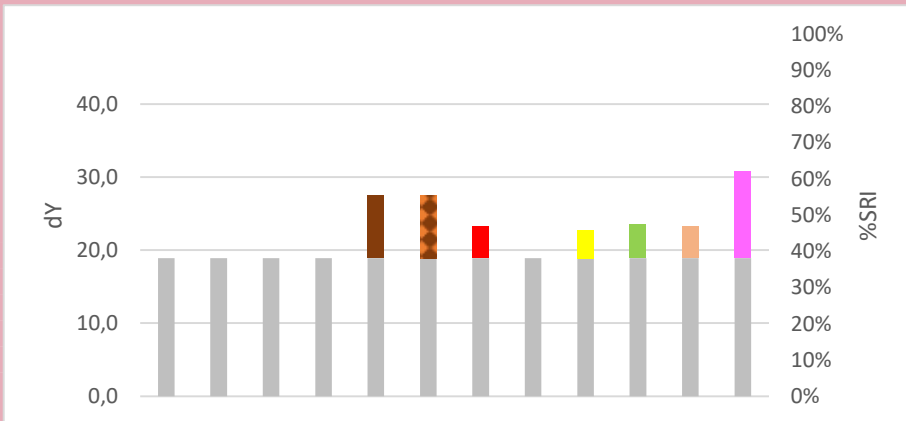
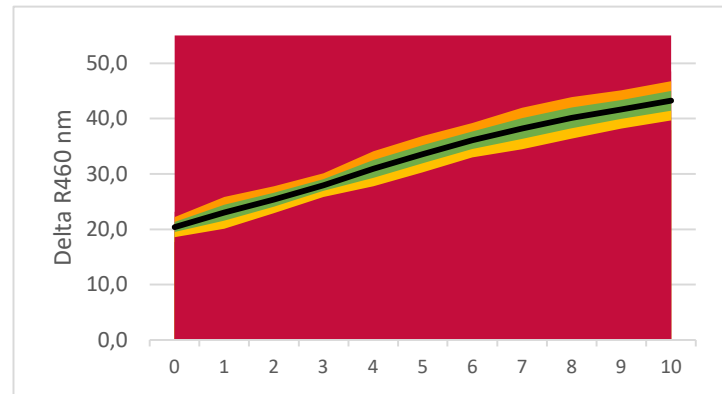
Order Code:	Substrate:	Width:	Yu:
C-S-216	Woven Cotton (CN-11)	90 cm	89,1
KC-S-216	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-216	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-216	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-216	PolyAcryl (PAN-01)	45 cm	89,3
S-S-216	Silk (T-601)	45 cm	83,9
W-S-216	Wool (T-541)	45 cm	67,2
N-S-216	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



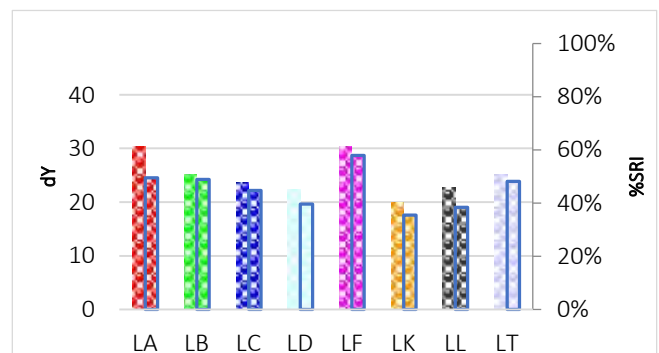
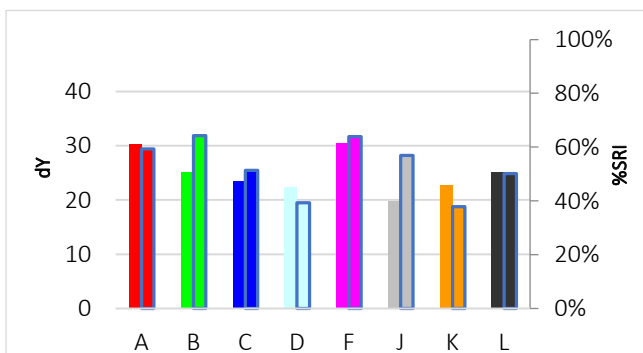
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Light Blue]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Orange]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-17

## Fluid make-up

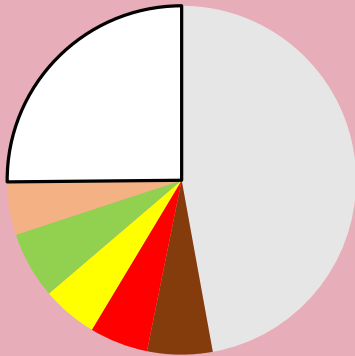


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

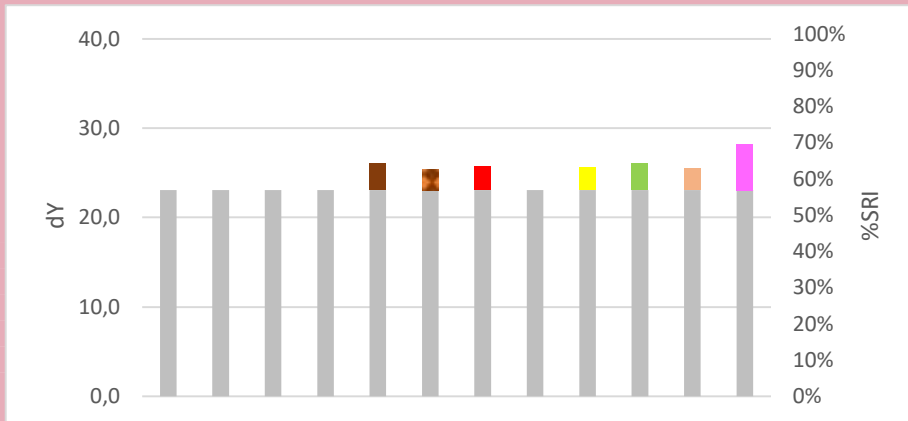
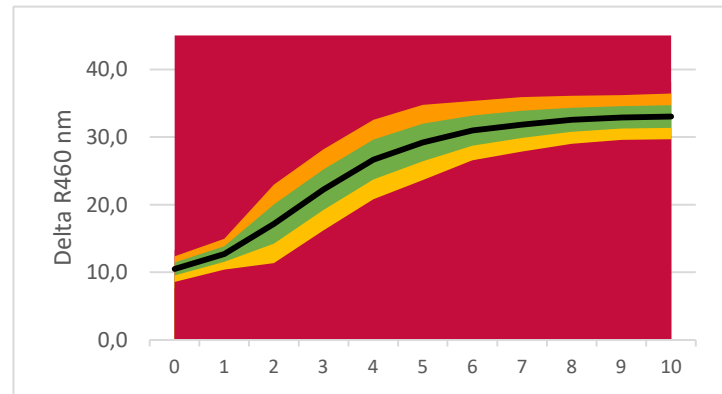
Order Code:	Substrate:	Width:	Yu:
C-S-17	Woven Cotton (CN-17)	90 cm	87,7
KC-S-17	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-17	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-17	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-17	PolyAcryl (PAN-01)	45 cm	89,3
S-S-17	Silk (T-601)	45 cm	83,9
W-S-17	Wool (T-541)	45 cm	67,2
N-S-17	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



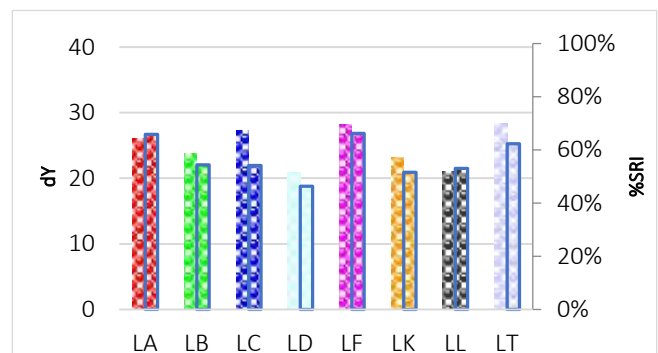
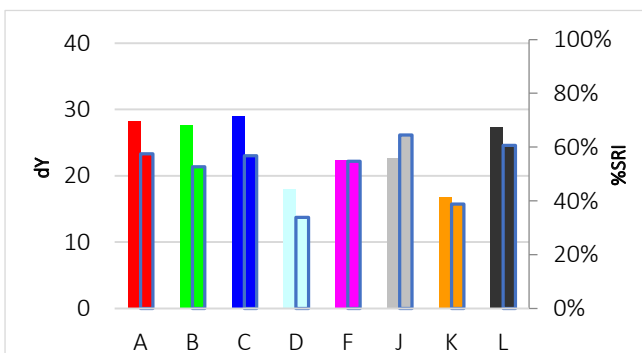
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison





# C-S-18

## Strawberry juice, aged

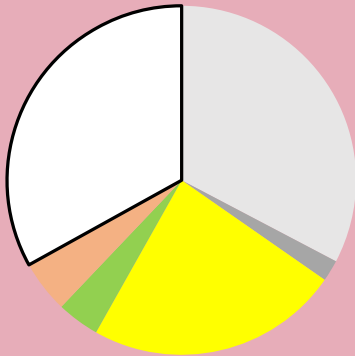


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

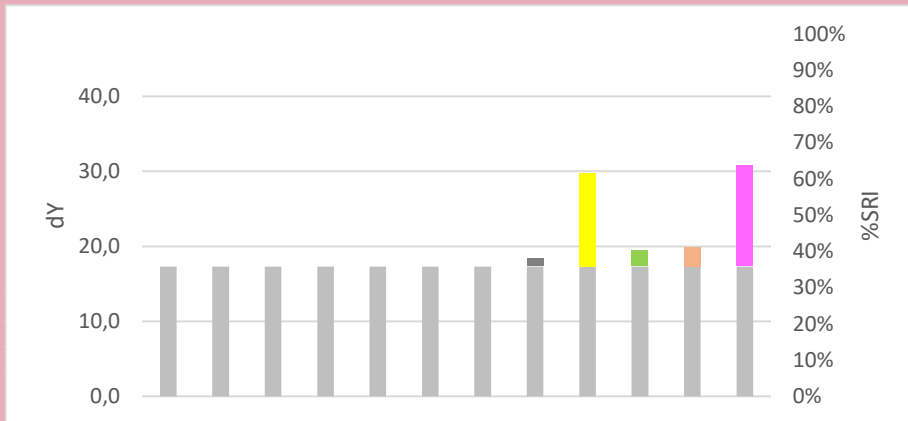
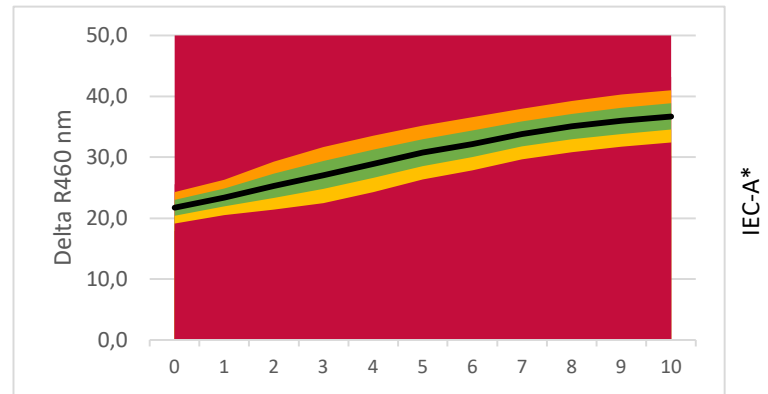
Order Code:	Substrate:	Width:	Yu:
C-S-18	Woven Cotton (CN-17)	45 cm	87,7
KC-S-18	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-18	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-18	Polyester (W-30 A)	45 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-18	PolyAcryl (PAN-01)	45 cm	89,3
S-S-18	Silk (T-601)	45 cm	83,9
W-S-18	Wool (T-541)	45 cm	67,2
N-S-18	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



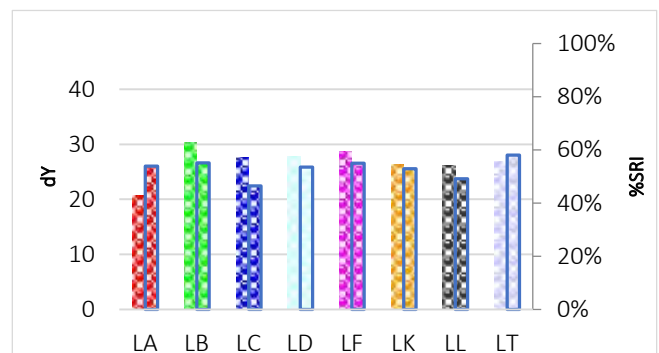
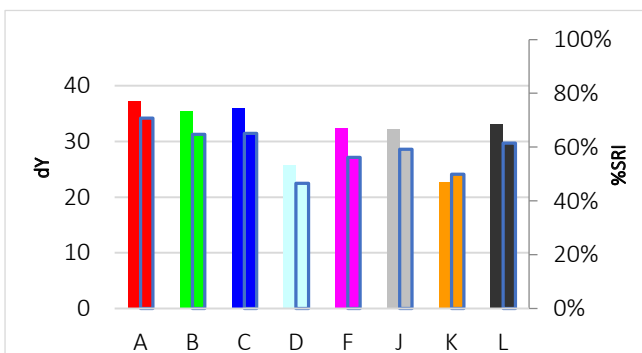
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Blue/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Orange]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-19

## Peach juice, aged

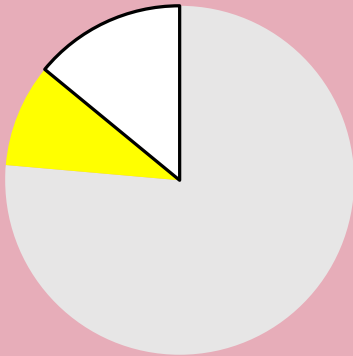


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

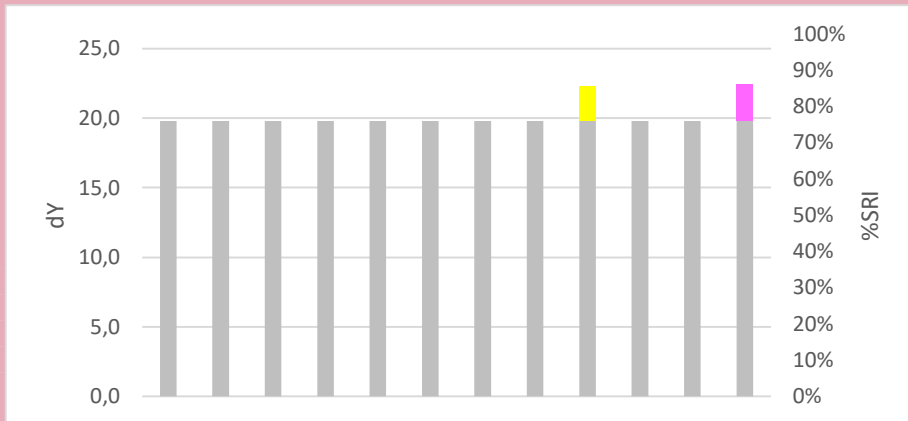
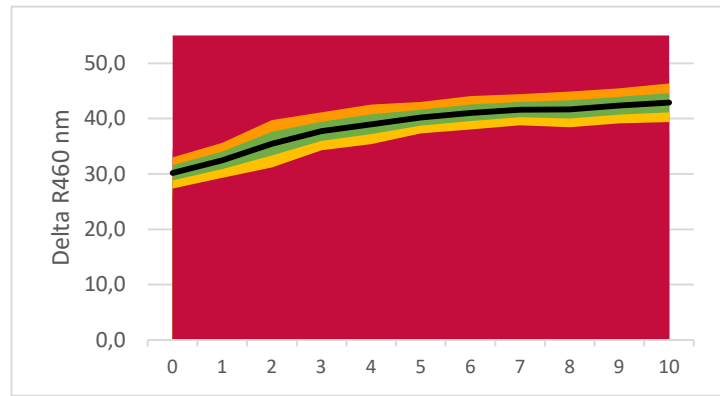
Order Code:	Substrate:	Width:	Yu:
C-S-19	Woven Cotton (CN-17)	45 cm	87,7
KC-S-19	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-19	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-19	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-19	PolyAcryl (PAN-01)	45 cm	89,3
S-S-19	Silk (T-601)	45 cm	83,9
W-S-19	Wool (T-541)	45 cm	67,2
N-S-19	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



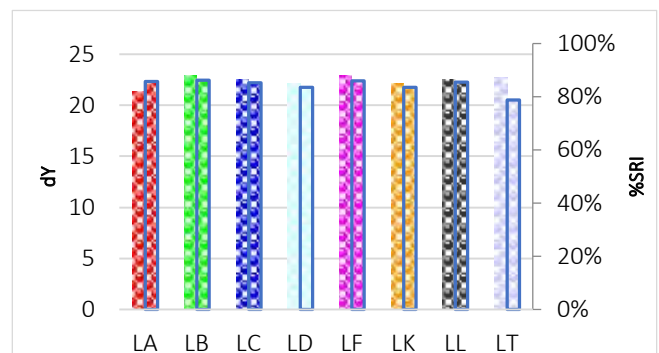
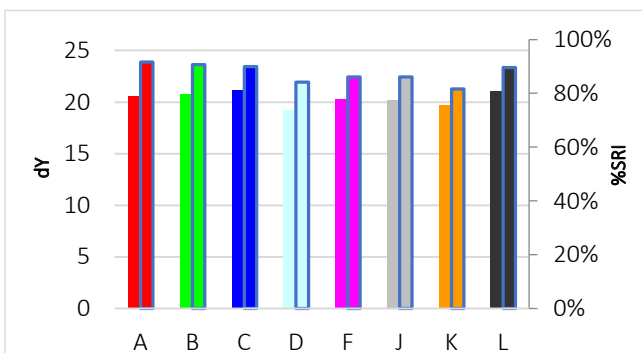
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-20

## Tomato

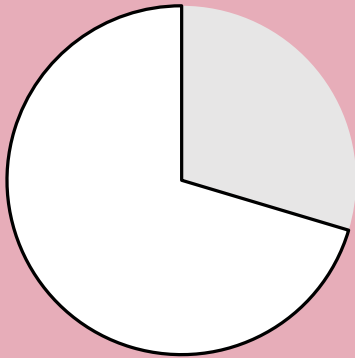


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★☆☆

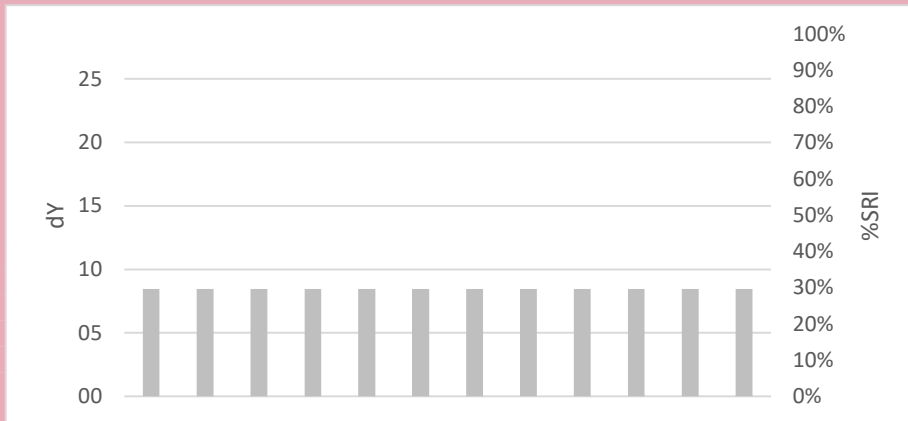
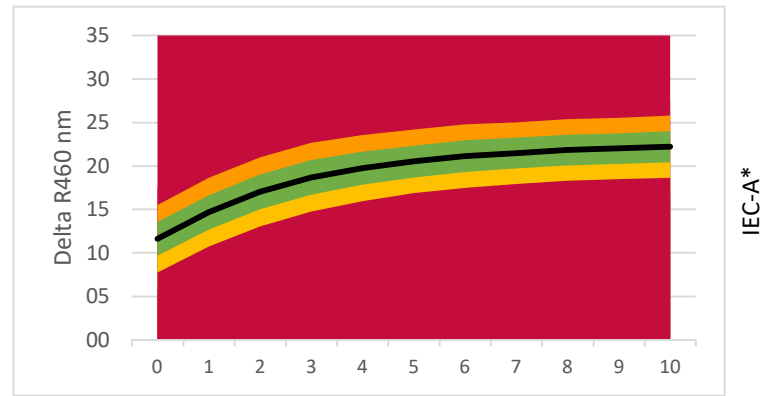
Order Code:	Substrate:	Width:	Yu:
C-S-20	Woven Cotton (CN-11)	45 cm	89,1
KC-S-20	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-20	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-20	Polyester (W-30 A)	45 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-20	PolyAcryl (PAN-01)	45 cm	89,3
S-S-20	Silk (T-601)	45 cm	83,9
W-S-20	Wool (T-541)	45 cm	67,2
N-S-20	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



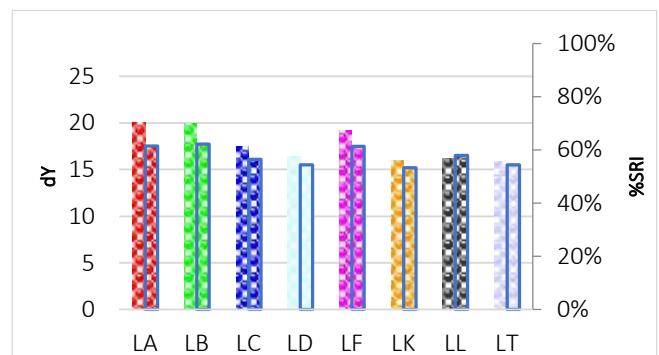
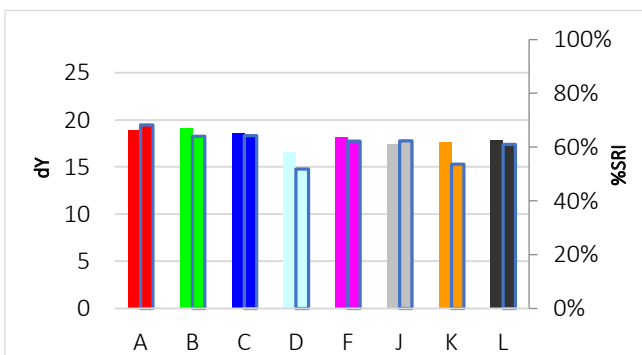
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-120

## Tomato, double application

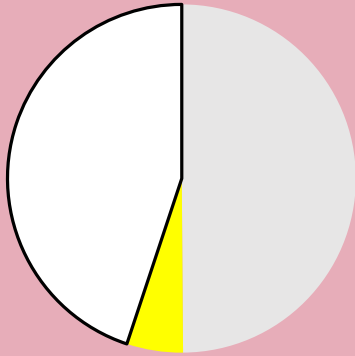


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

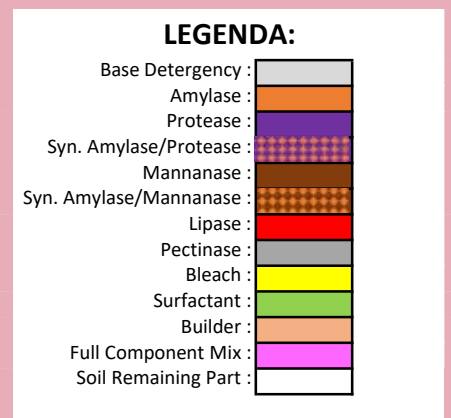
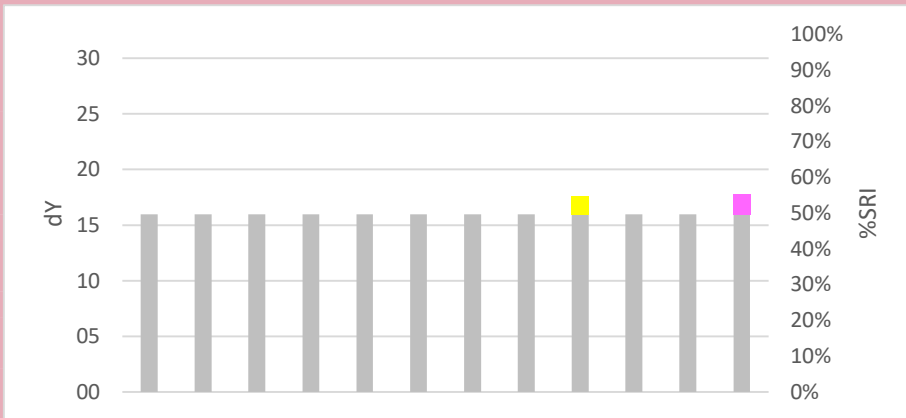
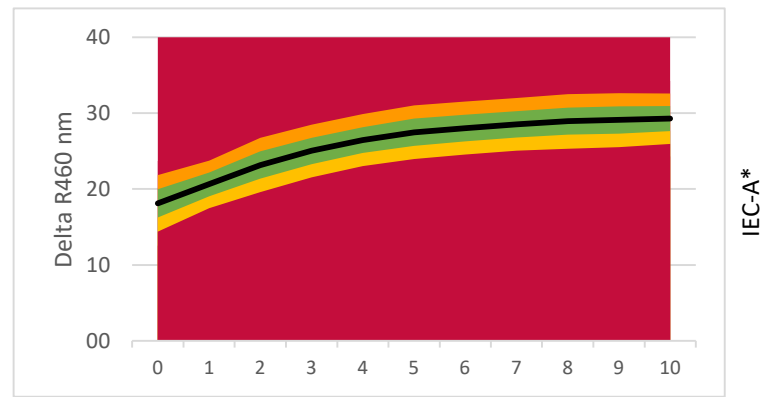
Order Code:	Substrate:	Width:	Yu:
C-S-120	Woven Cotton (CN-11)	45 cm	89,1
KC-S-120	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-120	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-120	Polyester (W-30 A)	45 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-120	PolyAcryl (PAN-01)	45 cm	89,3
S-S-120	Silk (T-601)	45 cm	83,9
W-S-120	Wool (T-541)	45 cm	67,2
N-S-120	Nylon (T-365)	45 cm	87,4

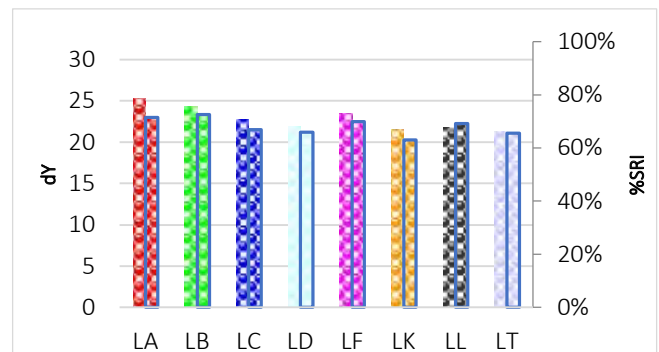
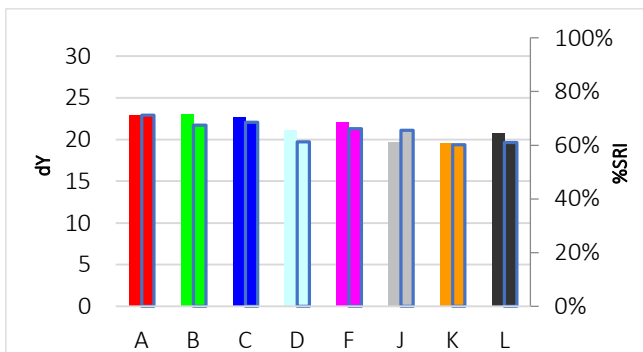
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-21

## Blackberry juice, aged

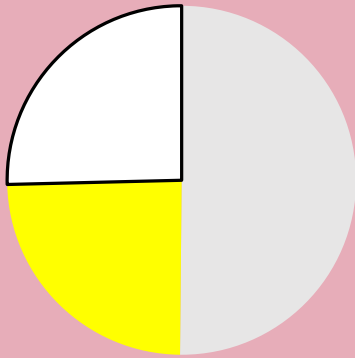


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★☆☆☆☆

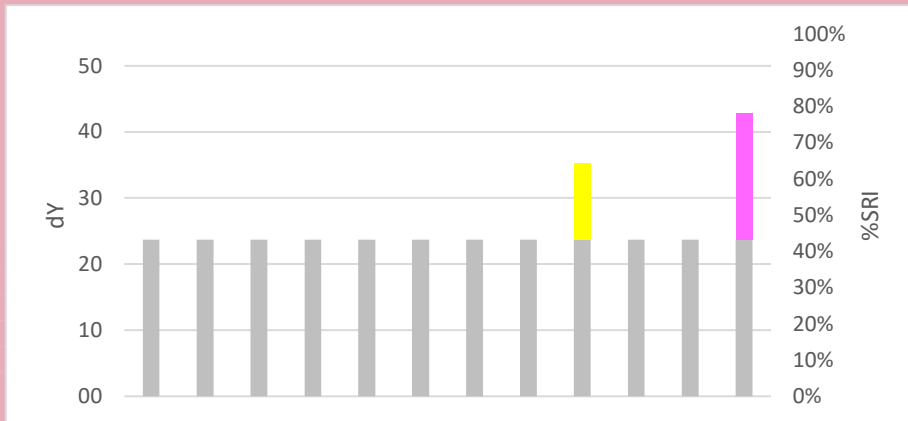
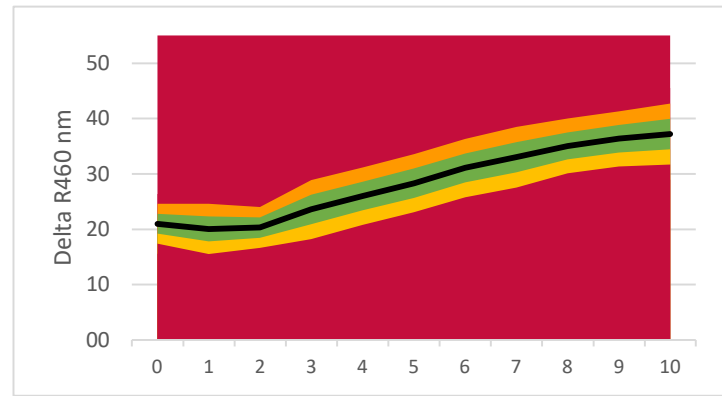
Order Code:	Substrate:	Width:	Yu:
C-S-21	Woven Cotton (CN-17)	90 cm	87,7
KC-S-21	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-21	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-21	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-21	PolyAcryl (PAN-01)	45 cm	89,3
S-S-21	Silk (T-601)	45 cm	83,9
W-S-21	Wool (T-541)	45 cm	67,2
N-S-21	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



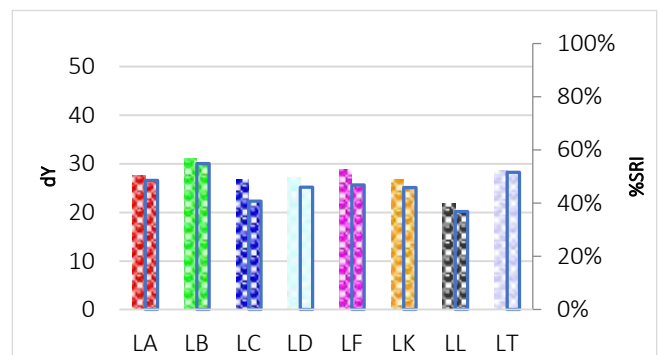
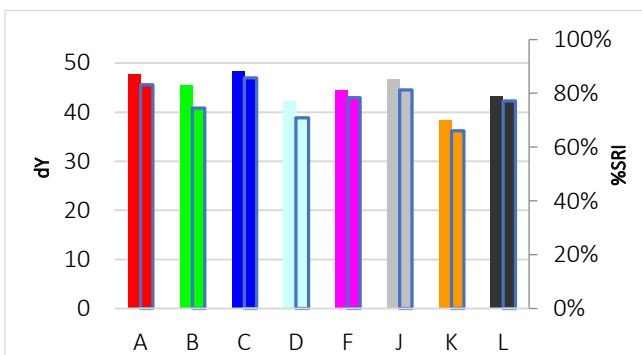
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-22

## Kiwi juice, aged

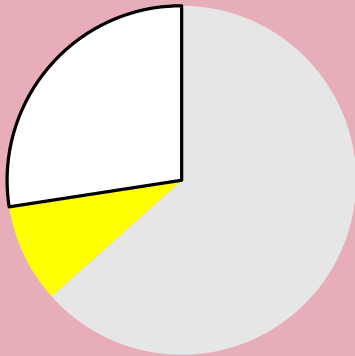


**Discriminative Power:** ★ ★ ☆ ☆ ☆  
**Reproducibility Ratio:** ★ ★ ★ ★ ☆  
**Reliability Ratio:** ★ ★ ★ ★ ★  
**Popularity:** ★ ☆ ☆ ☆ ☆

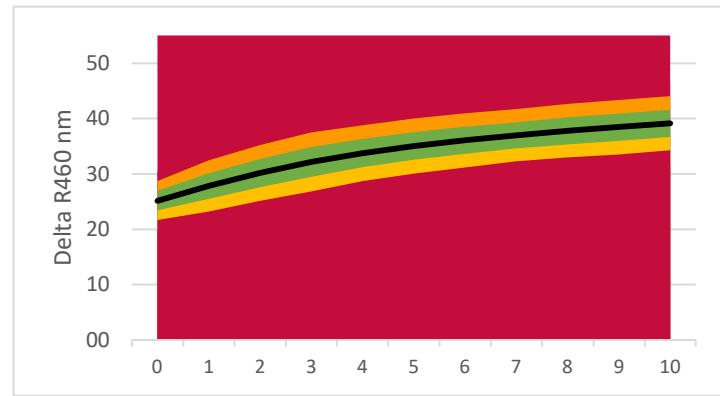
Order Code:	Substrate:	Width:	Yu:
C-S-22	Woven Cotton (CN-17)	45 cm	87,7
KC-S-22	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-22	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-22	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-22	PolyAcryl (PAN-01)	45 cm	89,3
S-S-22	Silk (T-601)	45 cm	83,9
W-S-22	Wool (T-541)	45 cm	67,2
N-S-22	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



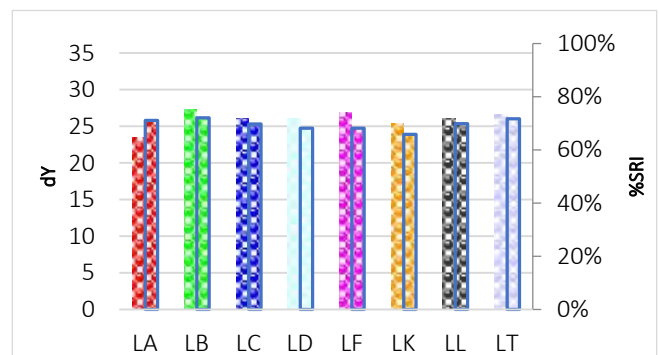
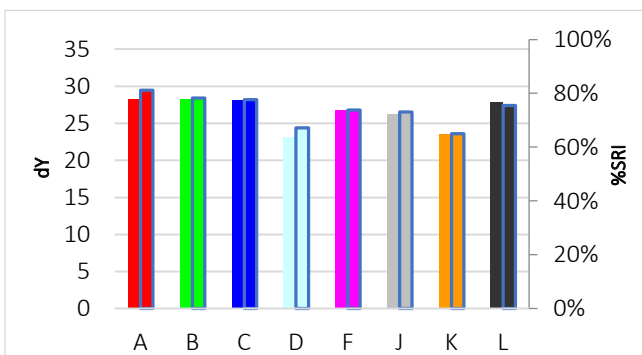
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-23

## Mango juice, aged

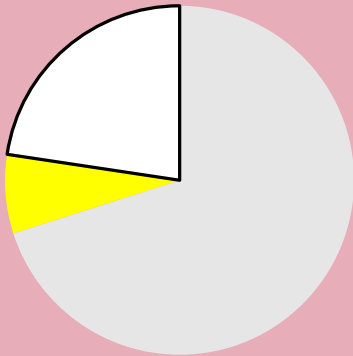


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★☆☆

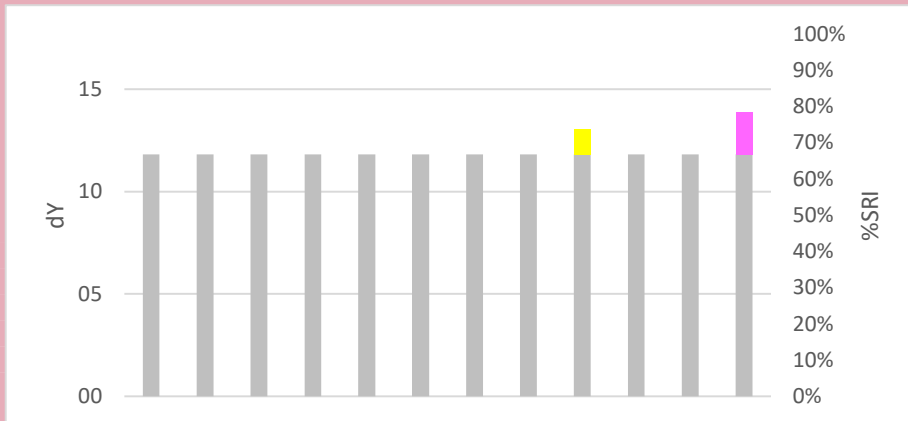
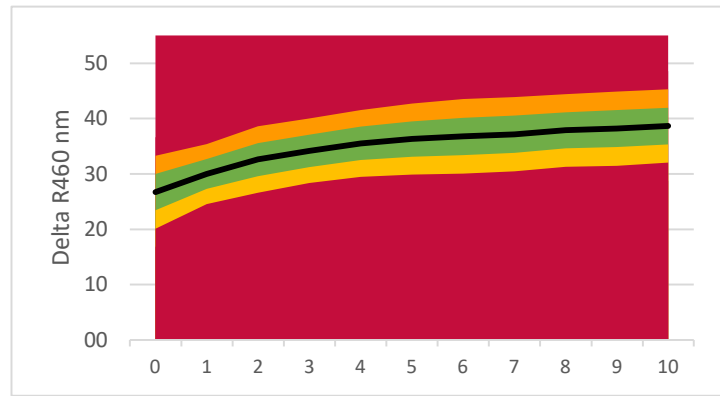
Order Code:	Substrate:	Width:	Yu:
C-S-23	Woven Cotton (CN-17)	45 cm	87,7
KC-S-23	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-23	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-23	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-23	PolyAcryl (PAN-01)	45 cm	89,3
S-S-23	Silk (T-601)	45 cm	83,9
W-S-23	Wool (T-541)	45 cm	67,2
N-S-23	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



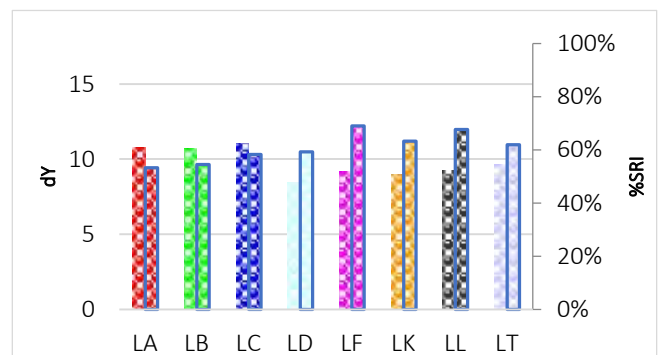
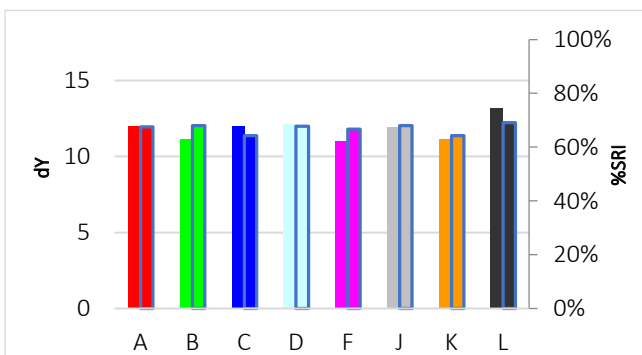
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-24

## Red pepper

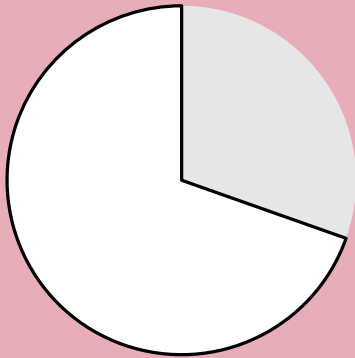


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

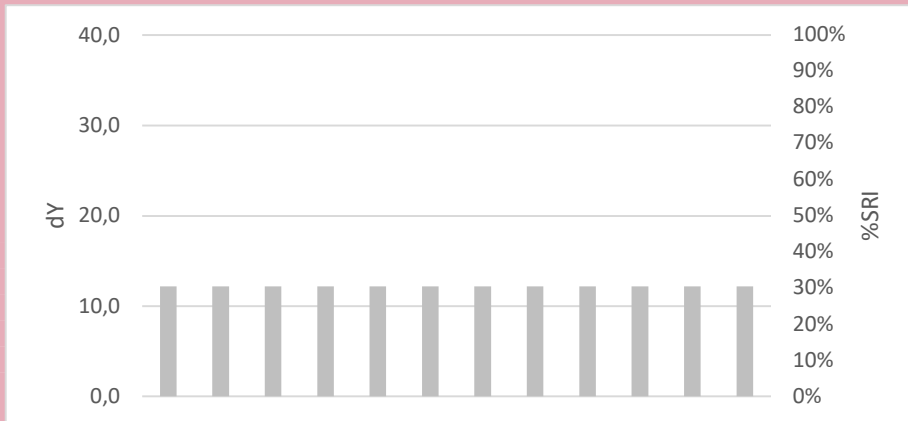
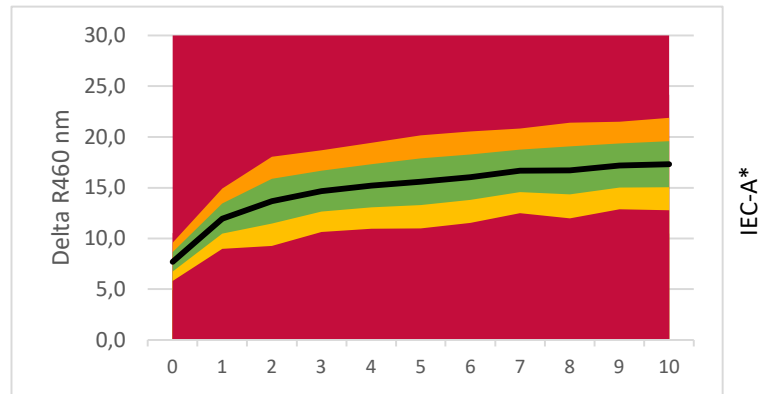
Order Code:	Substrate:	Width:	Yu:
C-S-24	Woven Cotton (CN-11)	45 cm	89,1
KC-S-24	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-24	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-24	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-24	PolyAcryl (PAN-01)	45 cm	89,3
S-S-24	Silk (T-601)	45 cm	83,9
W-S-24	Wool (T-541)	45 cm	67,2
N-S-24	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



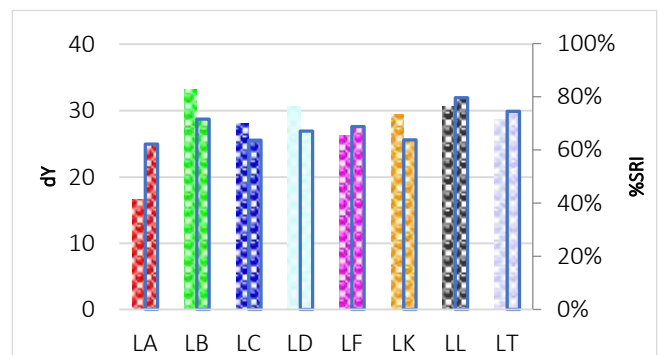
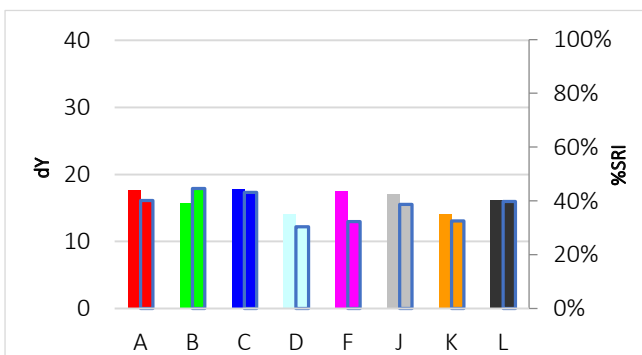
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison





# C-S-25

## Spinach concentrate

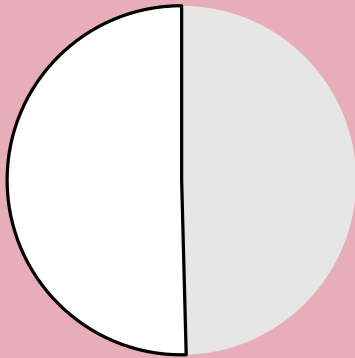


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★☆☆

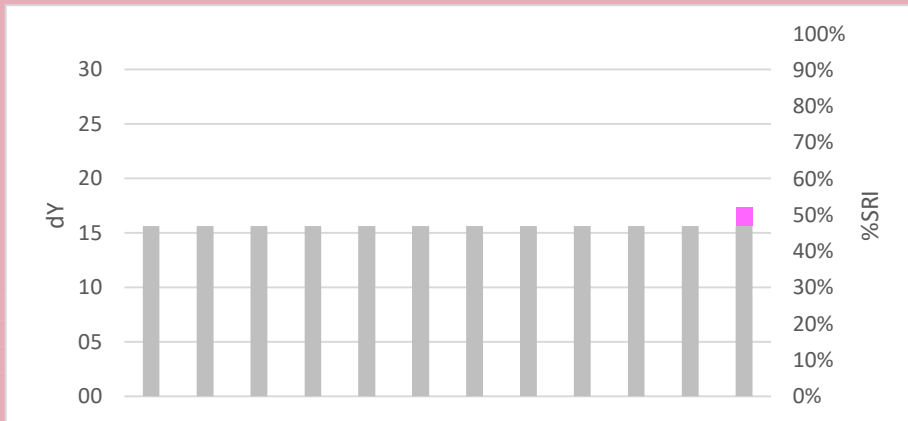
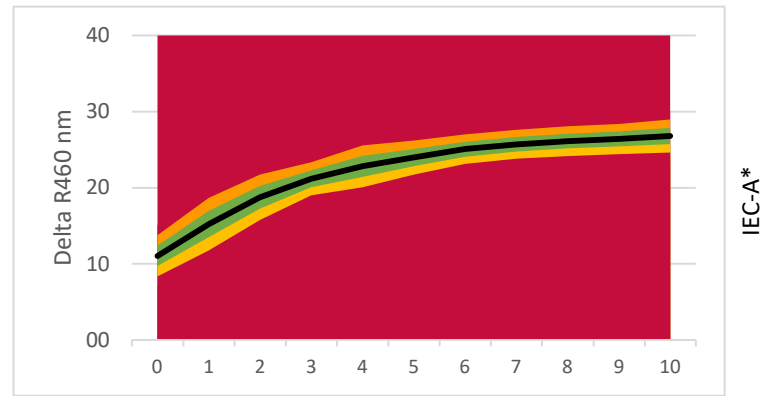
Order Code:	Substrate:	Width:	Yu:
C-S-25	Woven Cotton (CN-11)	45 cm	89,1
KC-S-25	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-25	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-25	Polyester (W-30 A)	45 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-25	PolyAcryl (PAN-01)	45 cm	89,3
S-S-25	Silk (T-601)	45 cm	83,9
W-S-25	Wool (T-541)	45 cm	67,2
N-S-25	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



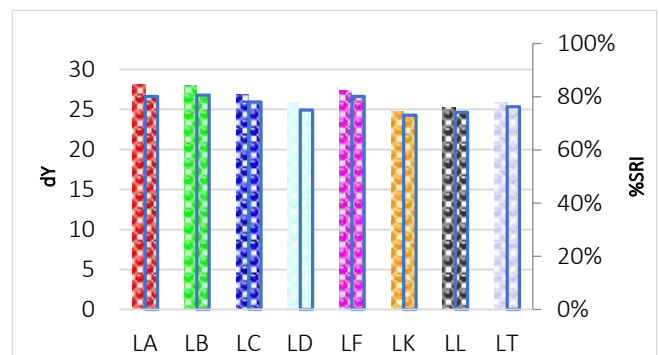
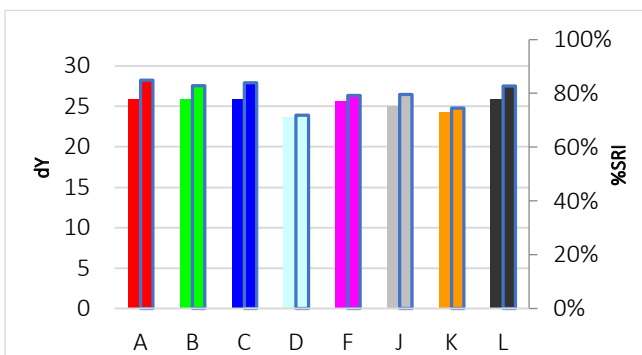
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Gray]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-26

## Corn starch, coloured

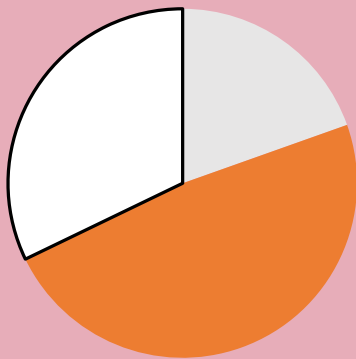


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

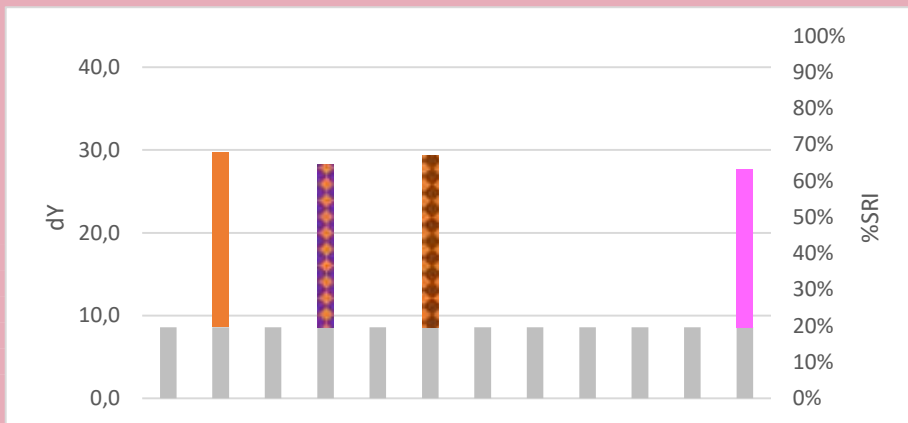
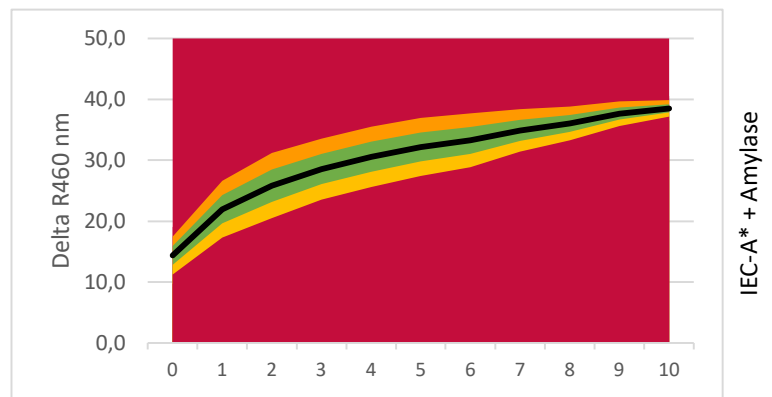
Order Code:	Substrate:	Width:	Yu:
C-S-26	Woven Cotton (T-400)	90 cm	88,9
KC-S-26	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-26	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-26	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-26	PolyAcryl (PAN-01)	45 cm	89,3
S-S-26	Silk (T-601)	45 cm	83,9
W-S-26	Wool (T-541)	45 cm	67,2
N-S-26	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



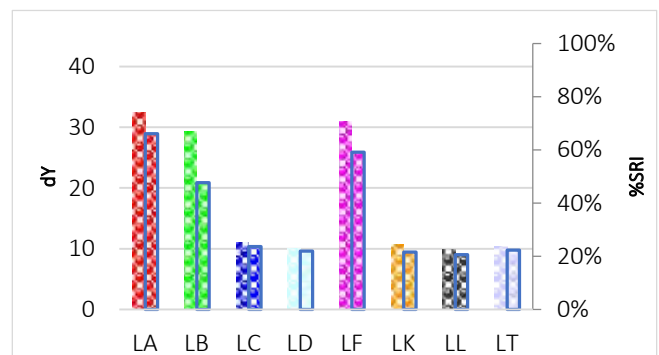
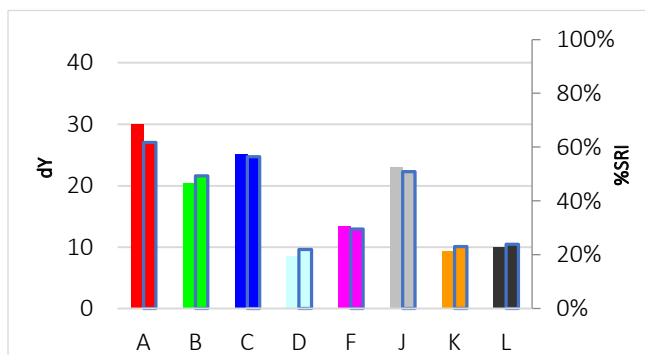
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-27

## Potato starch, coloured

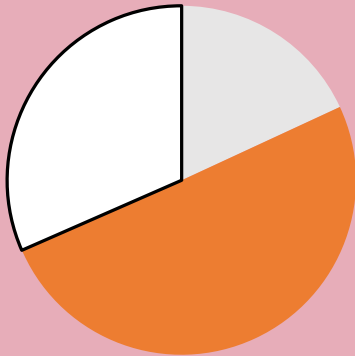


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★★★★

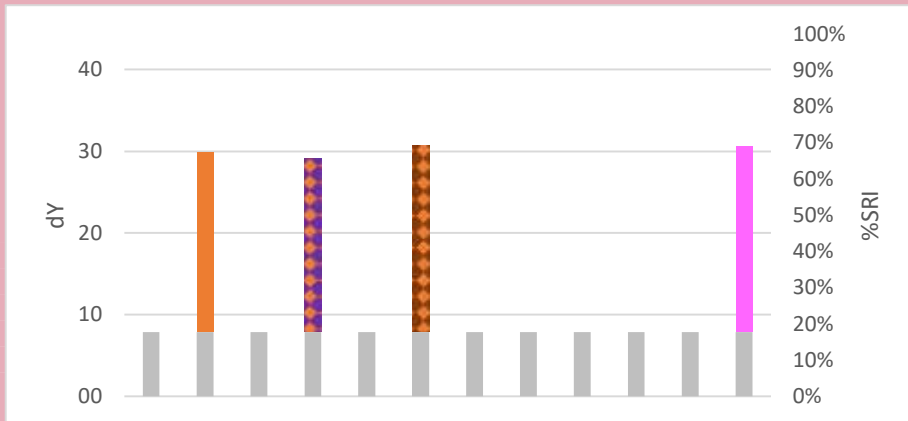
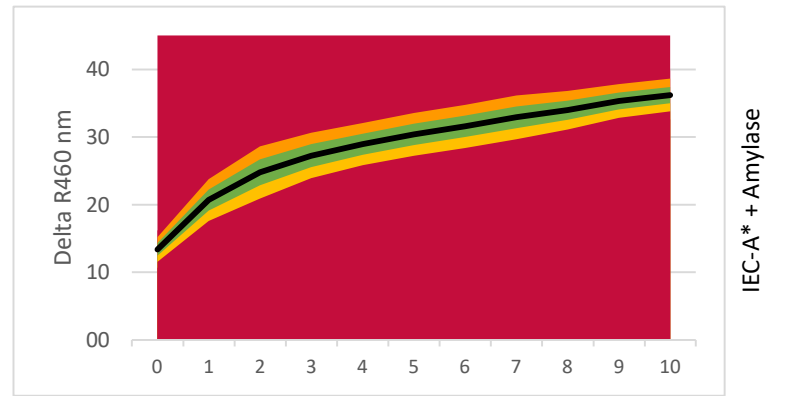
Order Code:	Substrate:	Width:	Yu:
C-S-27	Woven Cotton (T-400)	90 cm	88,9
KC-S-27	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-27	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-27	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-27	PolyAcryl (PAN-01)	45 cm	89,3
S-S-27	Silk (T-601)	45 cm	83,9
W-S-27	Wool (T-541)	45 cm	67,2
N-S-27	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



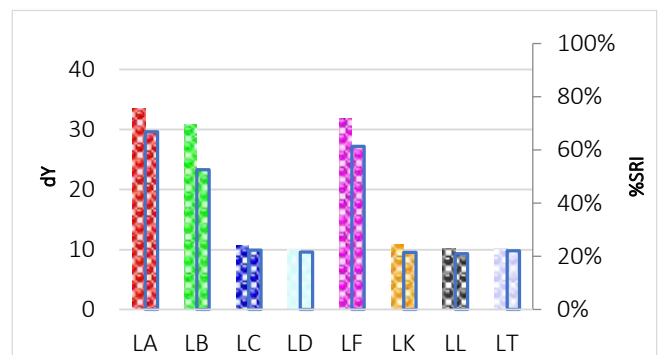
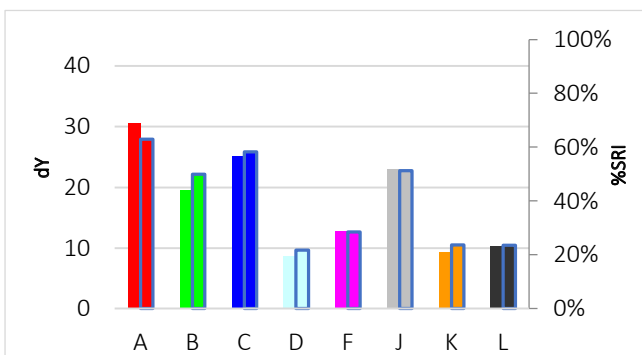
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Purple/Orange checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/Orange checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-28

## Rice starch, coloured



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

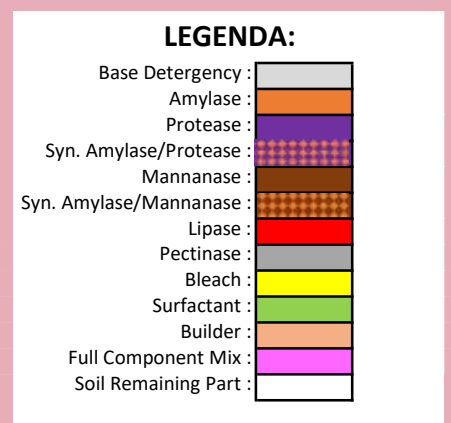
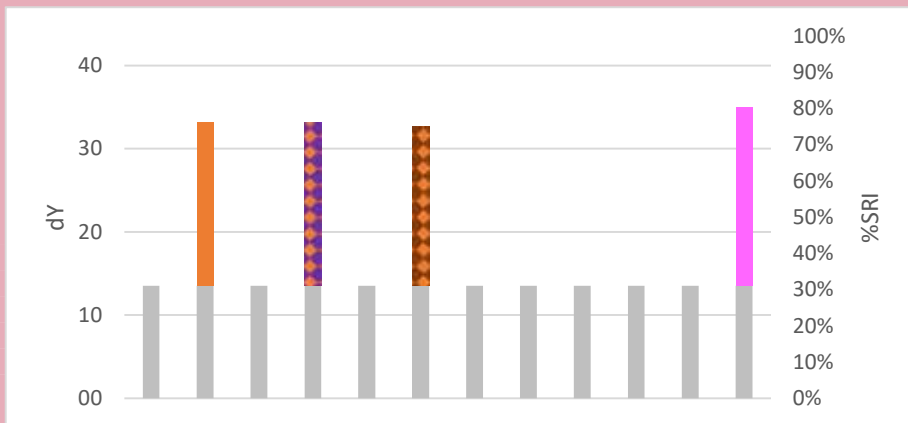
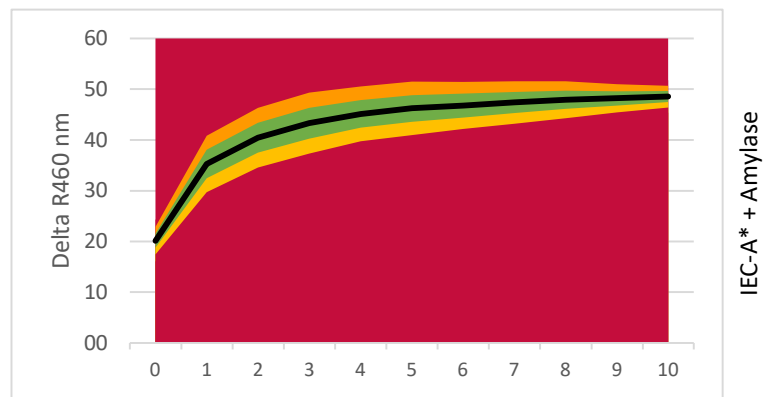
Order Code:	Substrate:	Width:	Yu:
C-S-28	Woven Cotton (T-400)	90 cm	88,9
KC-S-28	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-28	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-28	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-28	PolyAcryl (PAN-01)	45 cm	89,3
S-S-28	Silk (T-601)	45 cm	83,9
W-S-28	Wool (T-541)	45 cm	67,2
N-S-28	Nylon (T-365)	45 cm	87,4

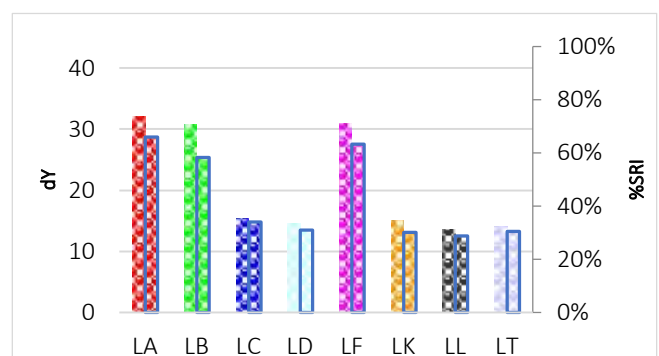
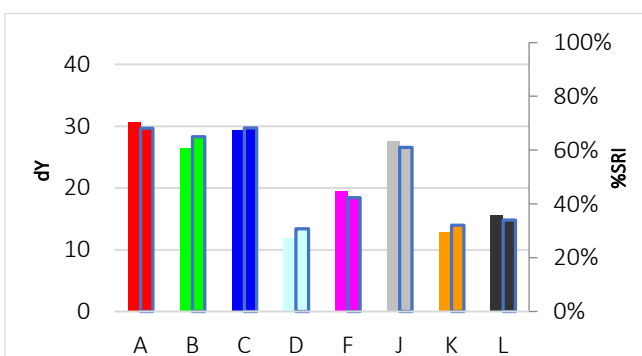
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-29

## Tapioca starch, coloured



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

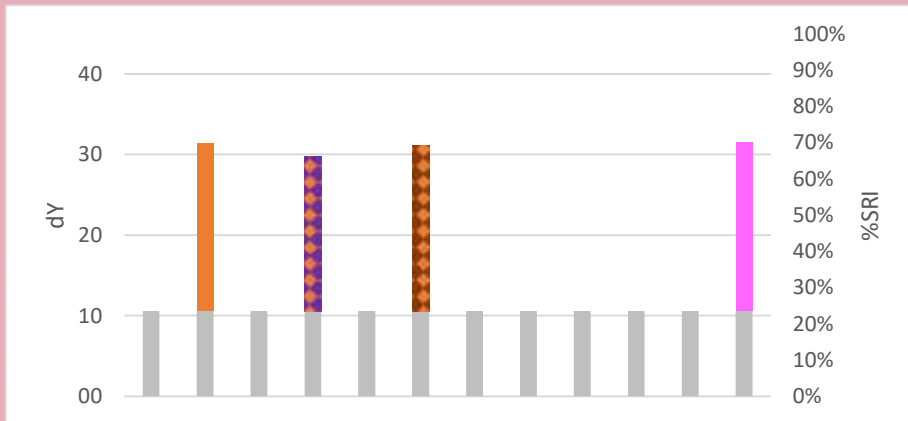
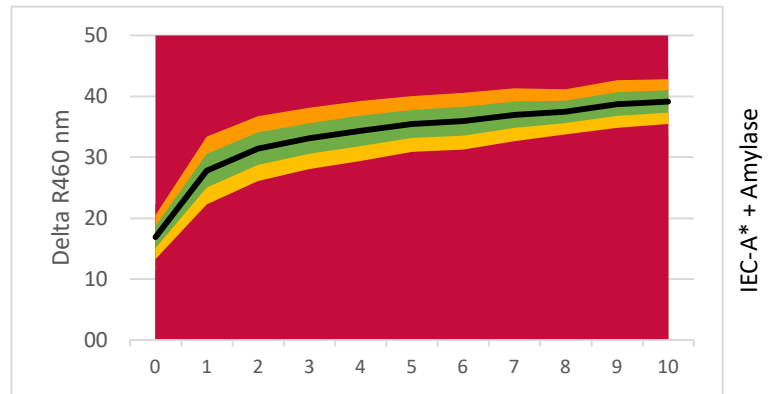
Order Code:	Substrate:	Width:	Yu:
C-S-29	Woven Cotton (T-400)	90 cm	88,9
KC-S-29	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-29	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-29	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-29	PolyAcryl (PAN-01)	45 cm	89,3
S-S-29	Silk (T-601)	45 cm	83,9
W-S-29	Wool (T-541)	45 cm	67,2
N-S-29	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



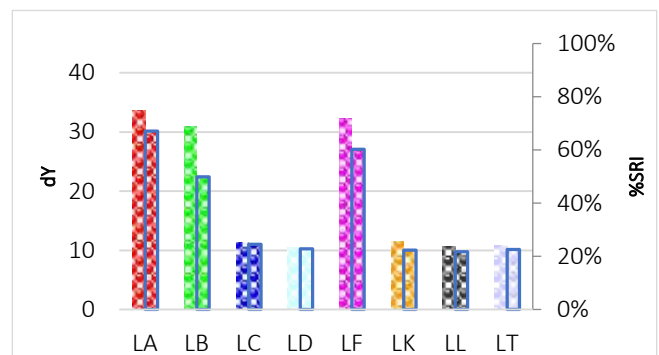
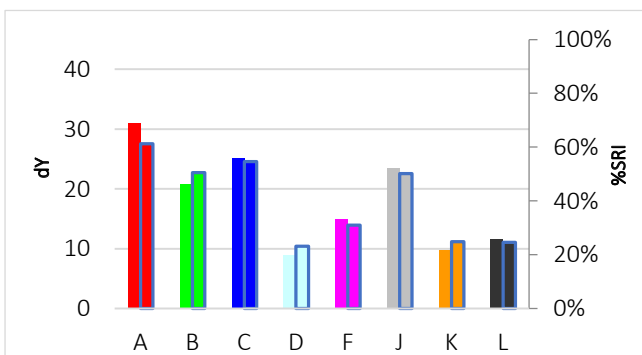
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-126

## Corn starch, coloured, aged

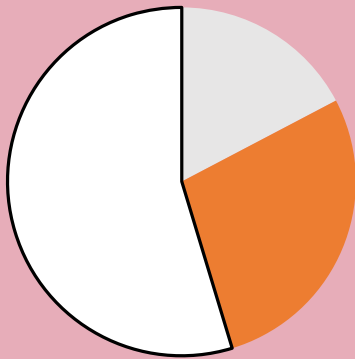


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

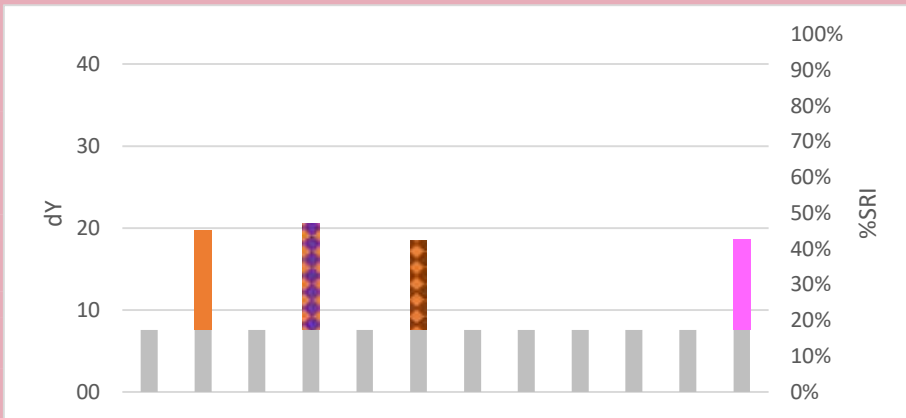
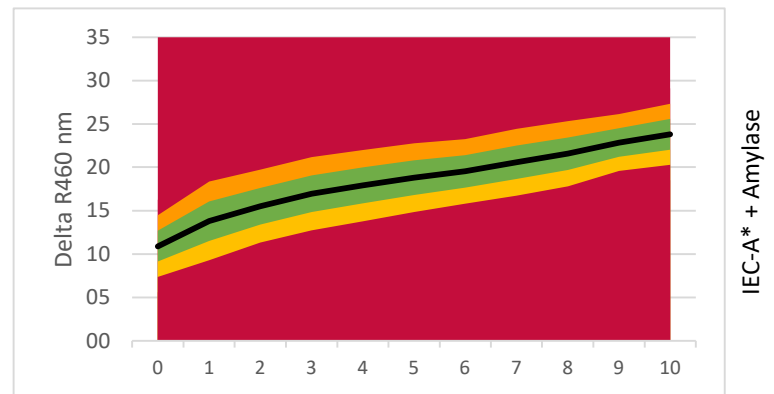
Order Code:	Substrate:	Width:	Yu:
C-S-126	Woven Cotton (T-400)	90 cm	88,9
KC-S-126	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-126	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-126	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-126	PolyAcryl (PAN-01)	45 cm	89,3
S-S-126	Silk (T-601)	45 cm	83,9
W-S-126	Wool (T-541)	45 cm	67,2
N-S-126	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



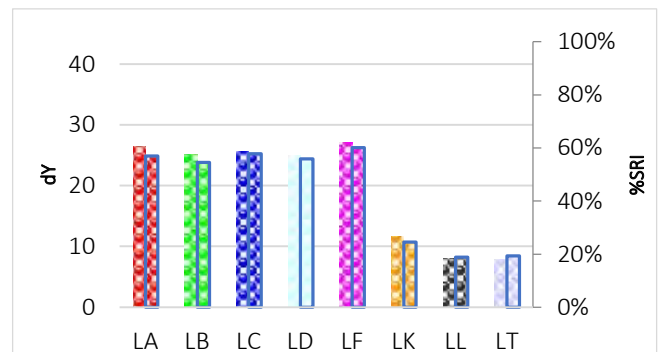
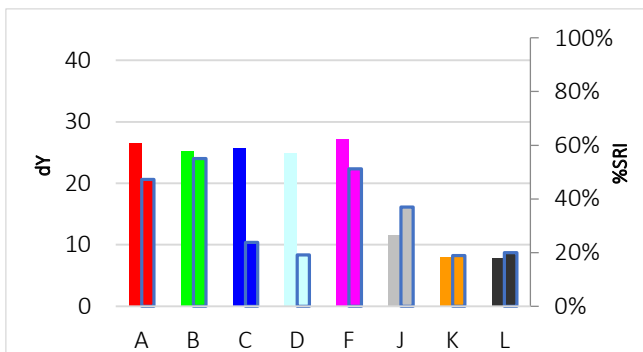
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-127

## Potato starch, coloured, aged

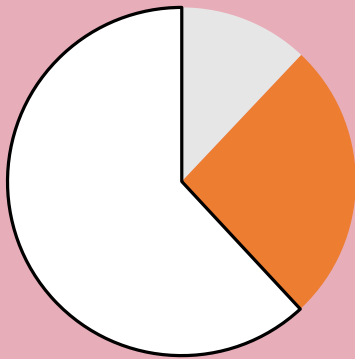


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

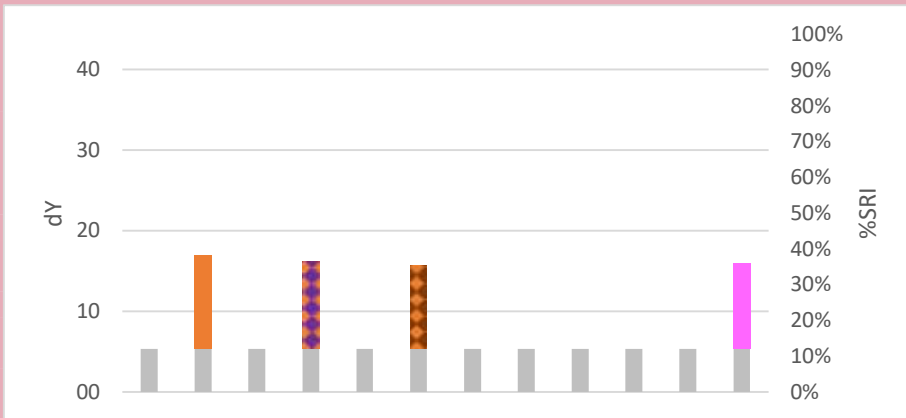
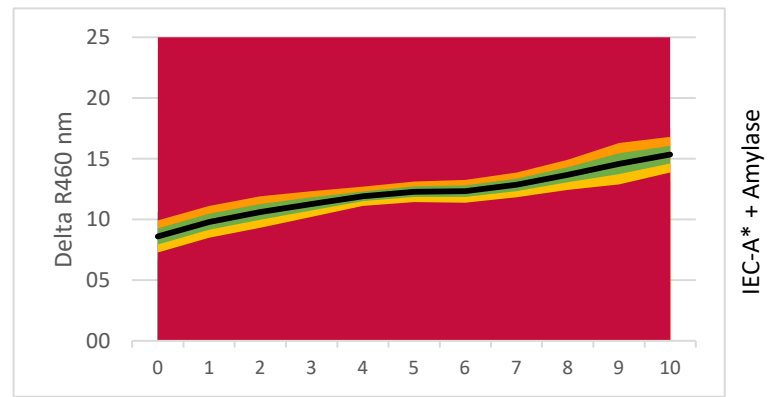
Order Code:	Substrate:	Width:	Yu:
C-S-127	Woven Cotton (T-400)	90 cm	88,9
KC-S-127	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-127	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-127	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-127	PolyAcryl (PAN-01)	45 cm	89,3
S-S-127	Silk (T-601)	45 cm	83,9
W-S-127	Wool (T-541)	45 cm	67,2
N-S-127	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



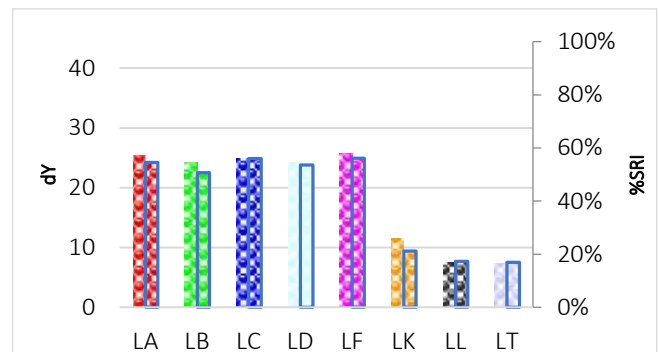
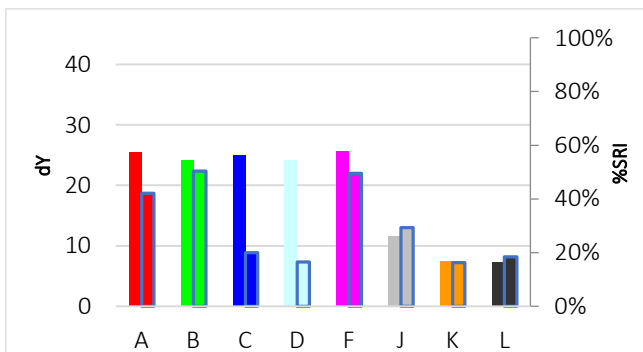
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-128

## Rice starch, coloured, aged

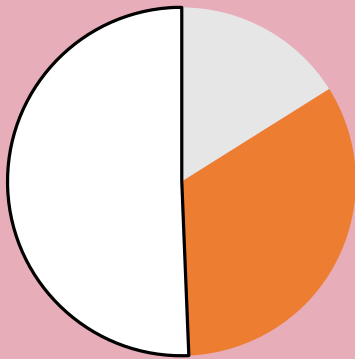


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

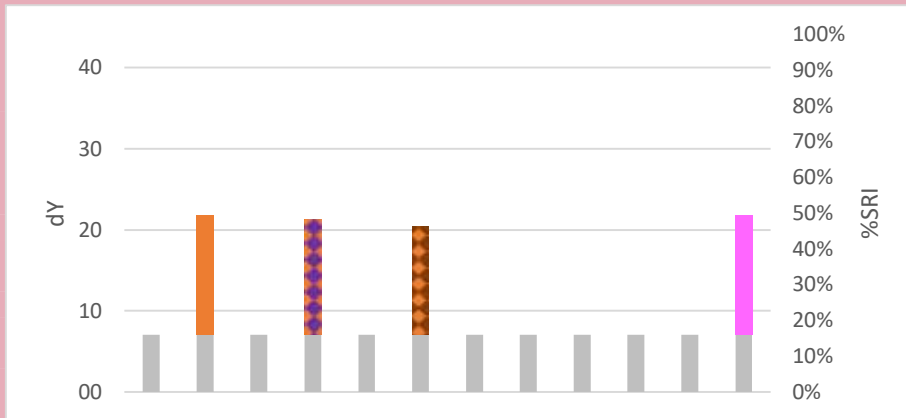
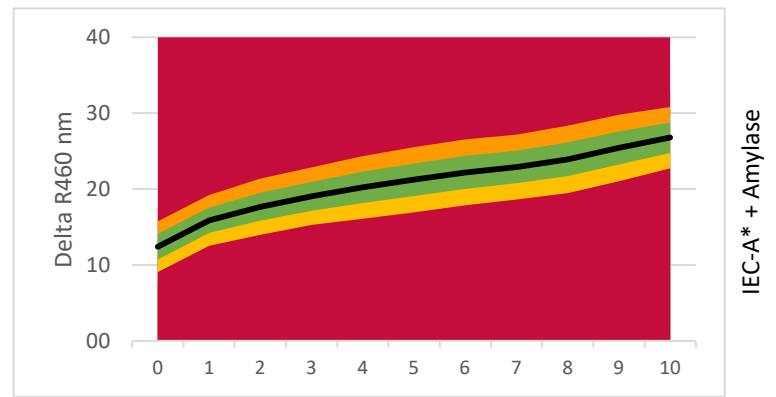
Order Code:	Substrate:	Width:	Yu:
C-S-128	Woven Cotton (T-400)	90 cm	88,9
KC-S-128	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-128	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-128	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-128	PolyAcryl (PAN-01)	45 cm	89,3
S-S-128	Silk (T-601)	45 cm	83,9
W-S-128	Wool (T-541)	45 cm	67,2
N-S-128	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



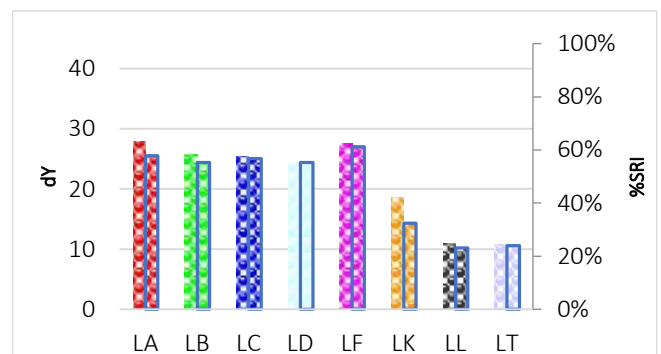
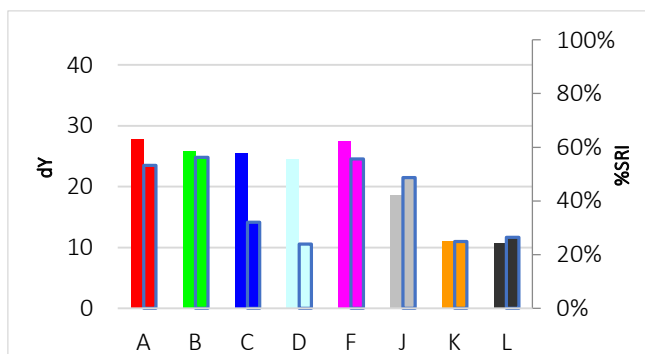
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Green]
- Bleach : [Yellow]
- Surfactant : [Light Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison





# C-S-129

## Tapioca starch, coloured, aged



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

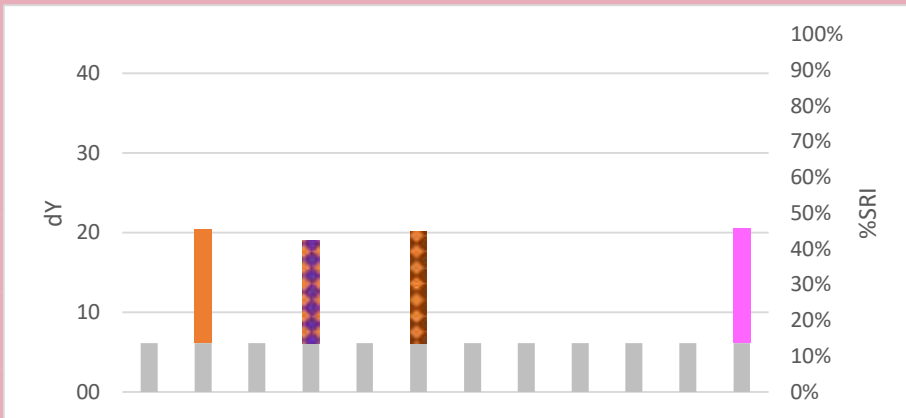
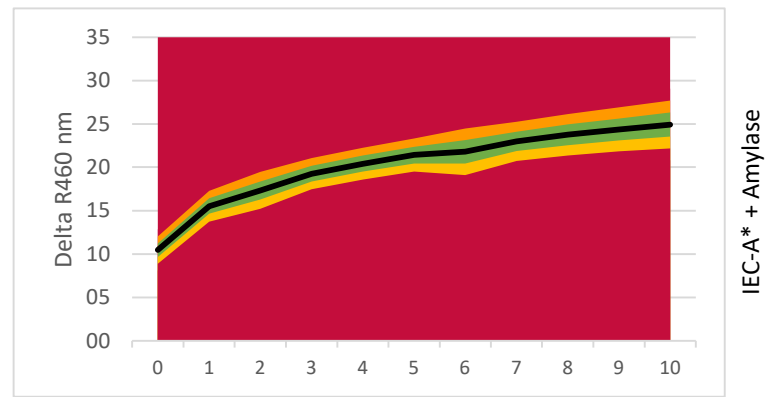
Order Code:	Substrate:	Width:	Yu:
C-S-129	Woven Cotton (T-400)	90 cm	88,9
KC-S-129	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-129	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-129	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-129	PolyAcryl (PAN-01)	45 cm	89,3
S-S-129	Silk (T-601)	45 cm	83,9
W-S-129	Wool (T-541)	45 cm	67,2
N-S-129	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



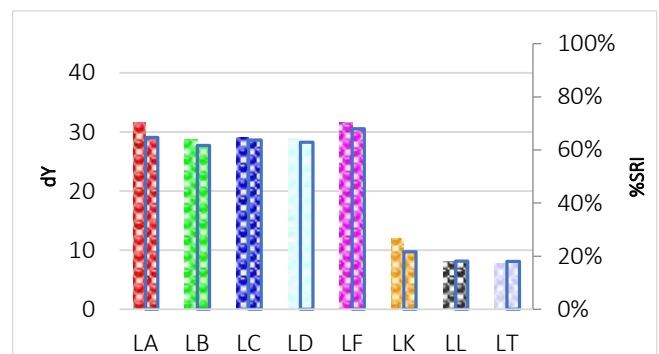
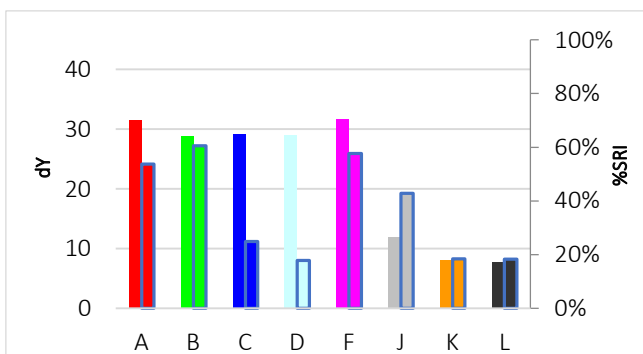
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-32

## Sebum BEY with carbon black

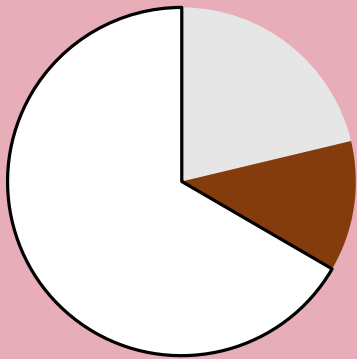


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★★★★

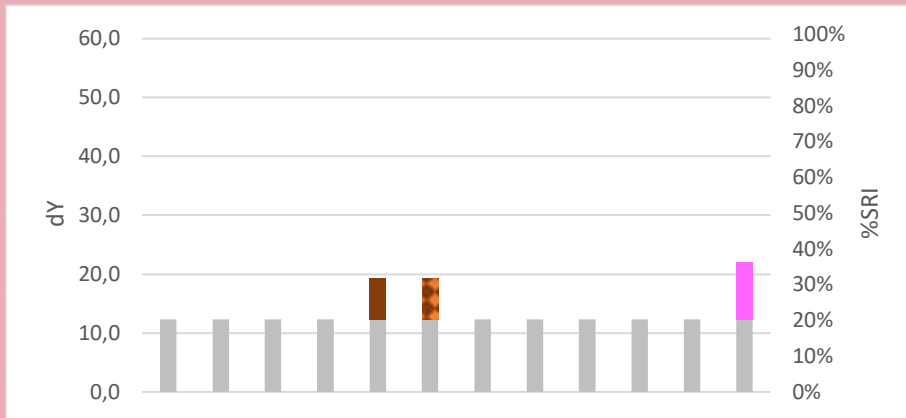
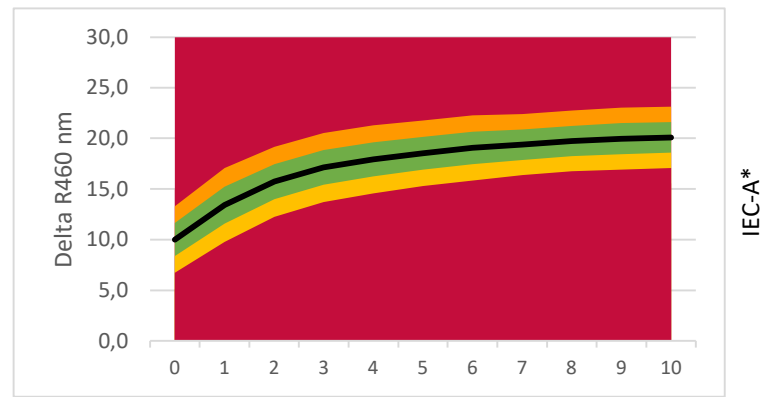
Order Code:	Substrate:	Width:	Yu:
C-S-32	Woven Cotton (CN-17)	90 cm	87,7
KC-S-32	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-32	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-32	Polyester (W-30 A)	90 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-32	PolyAcryl (PAN-01)	45 cm	89,3
S-S-32	Silk (T-601)	45 cm	83,9
W-S-32	Wool (T-541)	45 cm	67,2
N-S-32	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



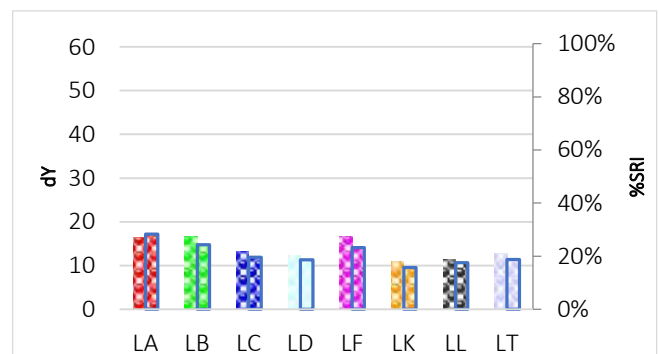
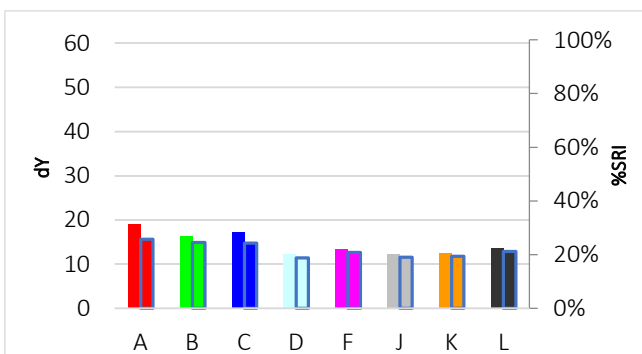
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-132

## High discriminative sebum BEY with pigment

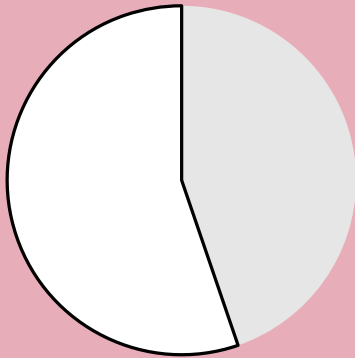


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

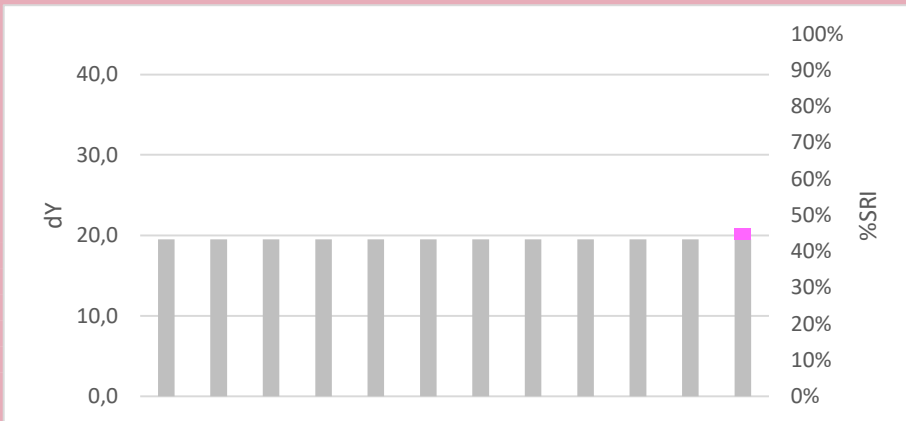
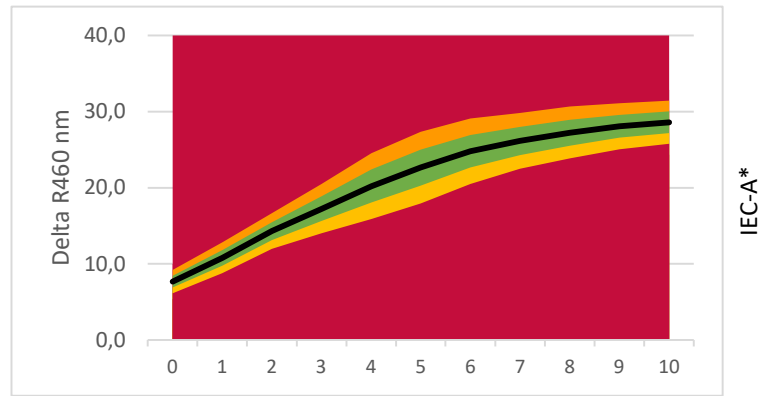
Order Code:	Substrate:	Width:	Yu:
C-S-132	Woven Cotton (T-400)	45 cm	88,9
KC-S-132	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-132	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-132	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-132	PolyAcryl (PAN-01)	45 cm	89,3
S-S-132	Silk (T-601)	45 cm	83,9
W-S-132	Wool (T-541)	45 cm	67,2
N-S-132	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



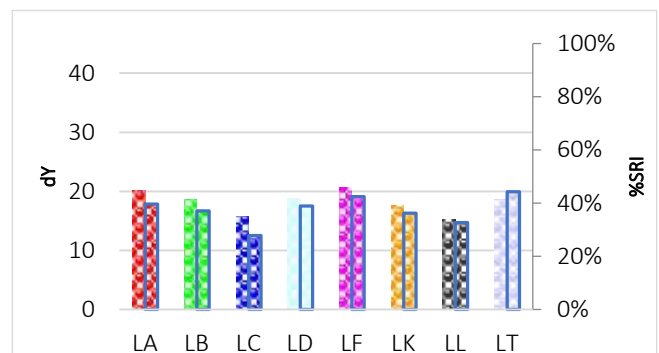
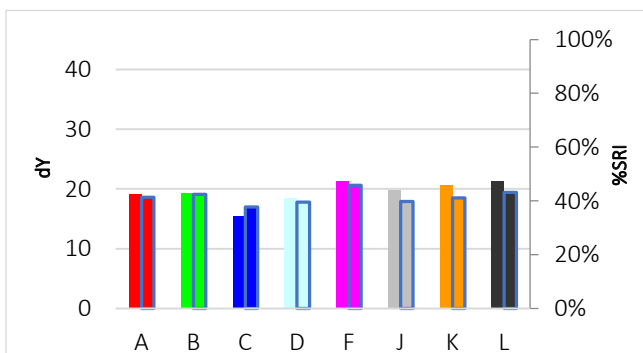
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-33

## Sebum TEFO with carbon black

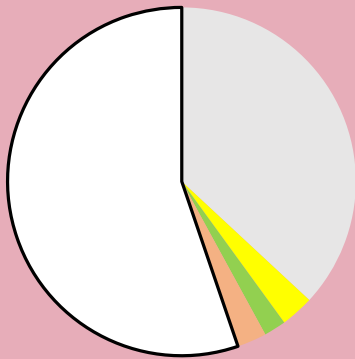


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

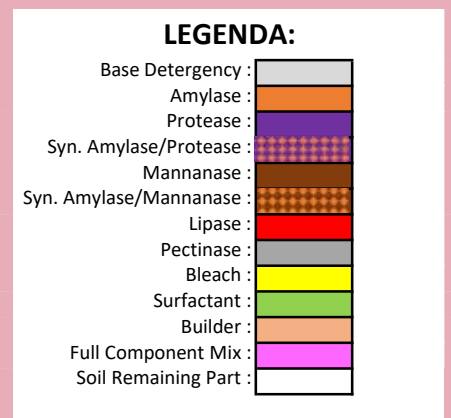
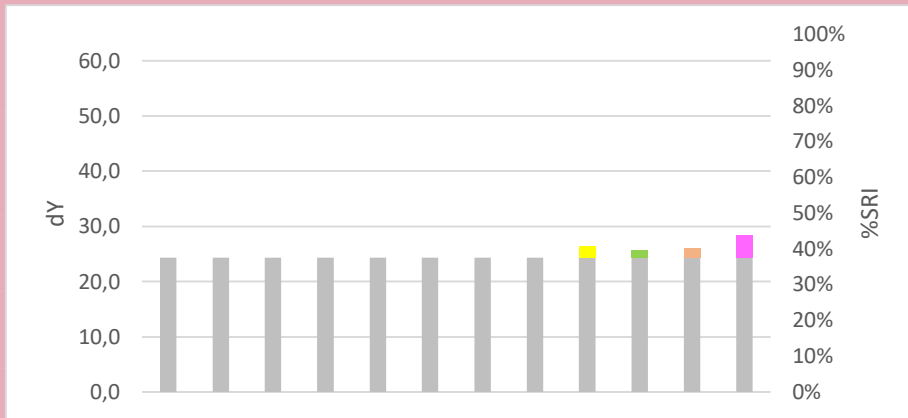
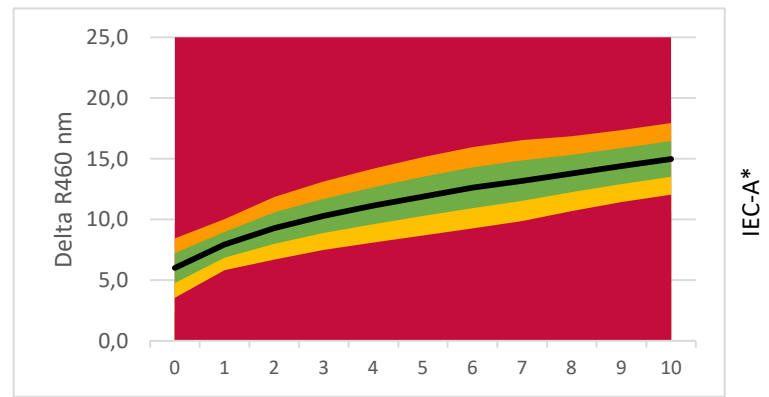
Order Code:	Substrate:	Width:	Yu:
C-S-33	Woven Cotton (CN-11)	45 cm	89,1
KC-S-33	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-33	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-33	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-33	PolyAcryl (PAN-01)	45 cm	89,3
S-S-33	Silk (T-601)	45 cm	83,9
W-S-33	Wool (T-541)	45 cm	67,2
N-S-33	Nylon (T-365)	45 cm	87,4

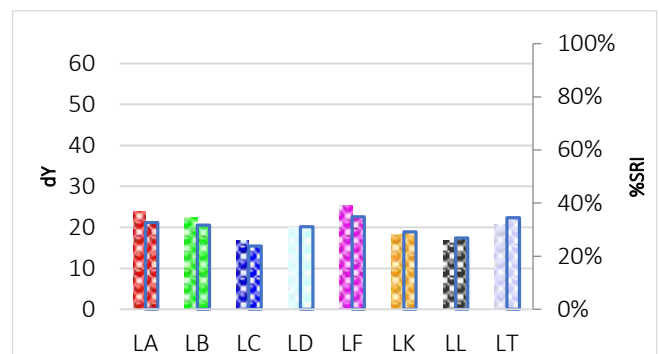
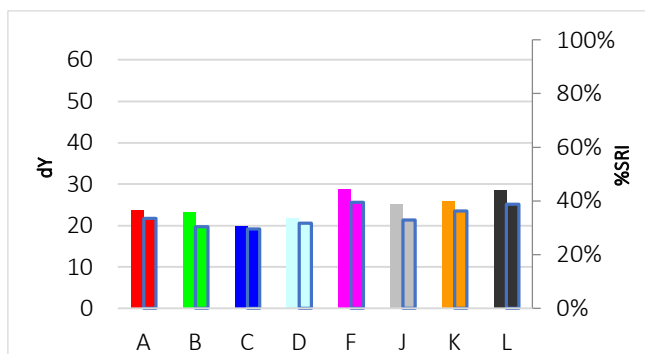
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-34

## Curry

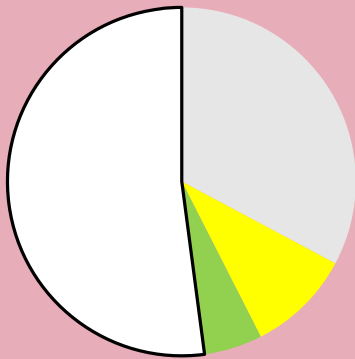


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★☆☆

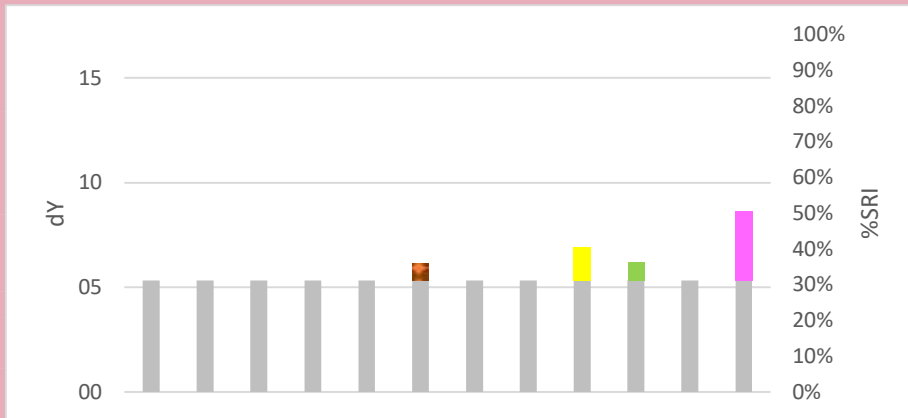
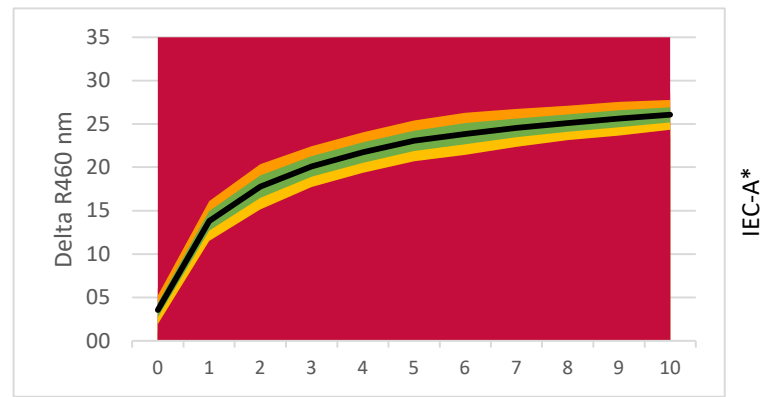
Order Code:	Substrate:	Width:	Yu:
C-S-34	Woven Cotton (CN-11)	45 cm	89,1
KC-S-34	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-34	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-34	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-34	PolyAcryl (PAN-01)	45 cm	89,3
S-S-34	Silk (T-601)	45 cm	83,9
W-S-34	Wool (T-541)	45 cm	67,2
N-S-34	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



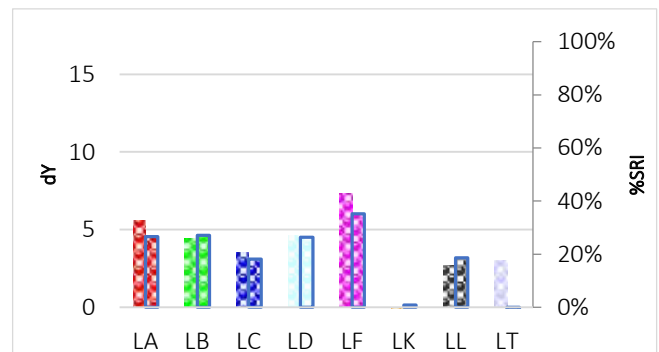
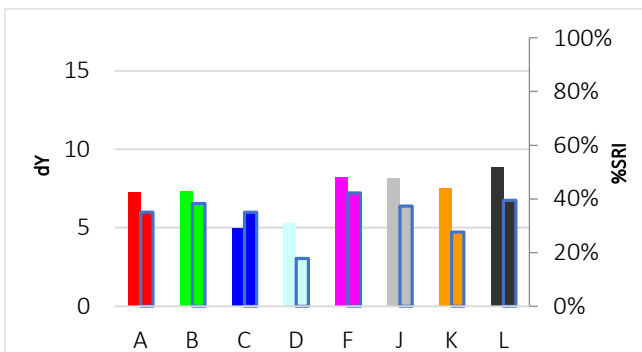
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red and white checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Red and white checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-S-35

## Egg yolk, aged

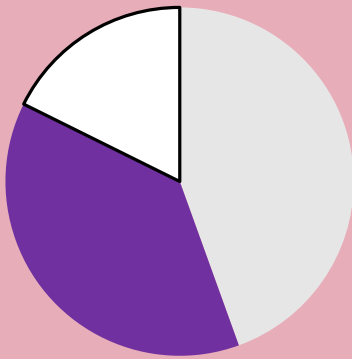


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

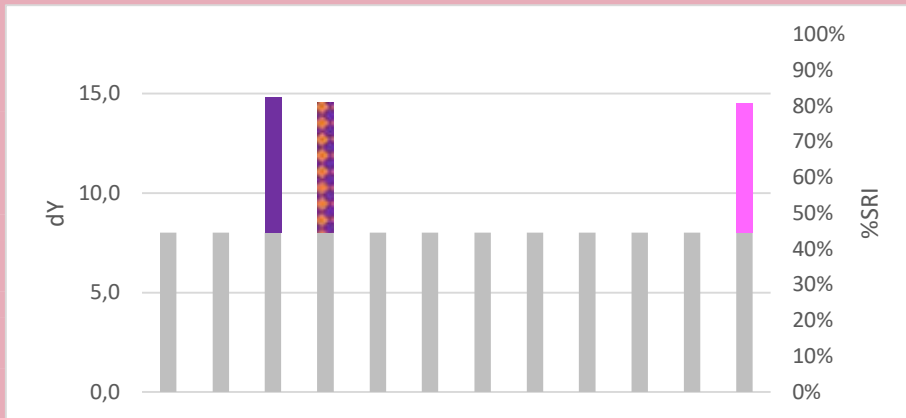
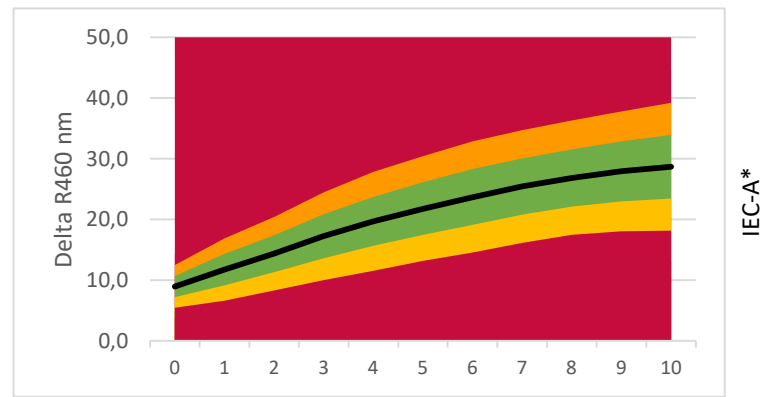
Order Code:	Substrate:	Width:	Yu:
C-S-35	Woven Cotton (CN-01)	90 cm	89,1
KC-S-35	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-35	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-35	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-35	PolyAcryl (PAN-01)	45 cm	89,3
S-S-35	Silk (T-601)	45 cm	83,9
W-S-35	Wool (T-541)	45 cm	67,2
N-S-35	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



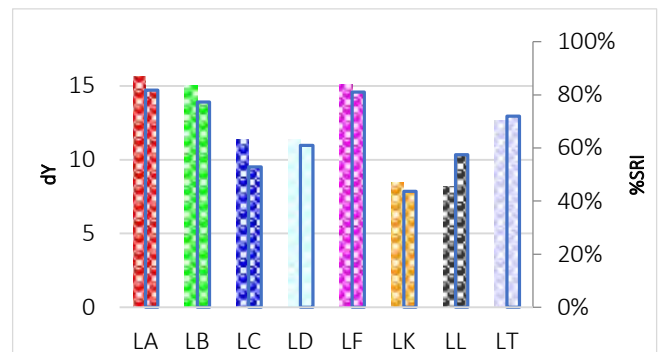
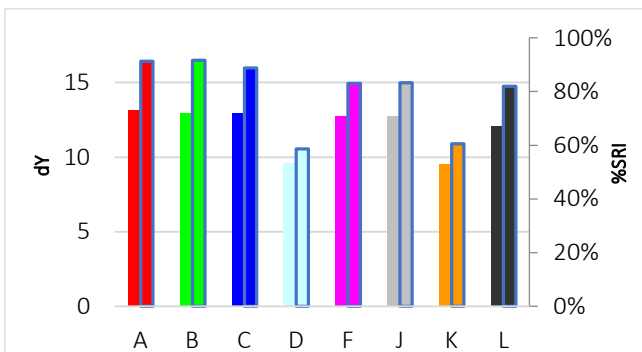
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Light Blue]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-36

## Egg yolk with carbon black

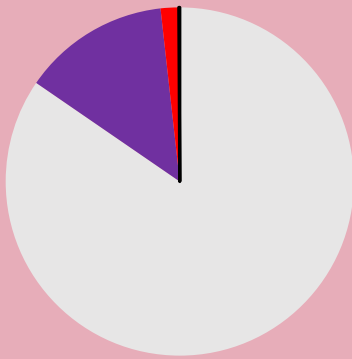


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★☆☆☆☆

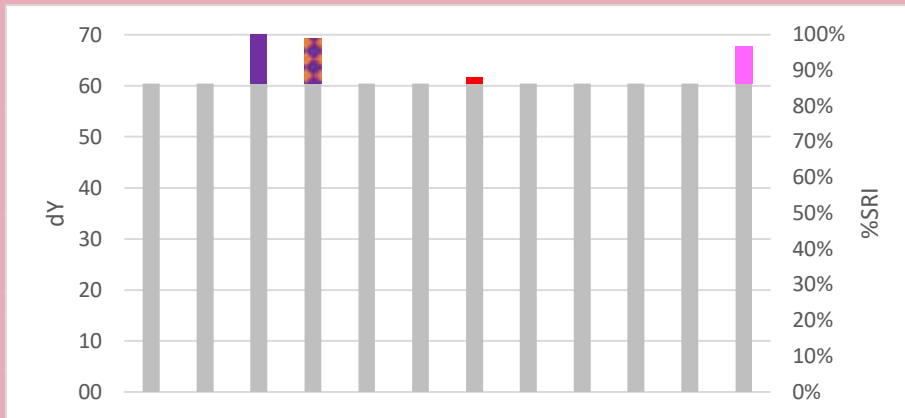
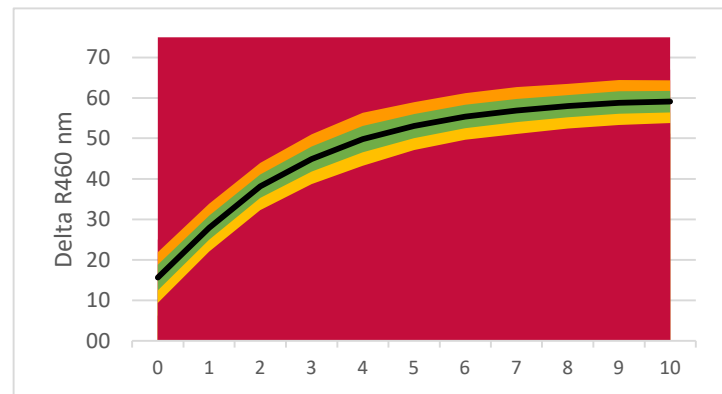
Order Code:	Substrate:	Width:	Yu:
C-S-36	Woven Cotton (CN-11)	45 cm	89,1
KC-S-36	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-36	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-36	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-36	PolyAcryl (PAN-01)	45 cm	89,3
S-S-36	Silk (T-601)	45 cm	83,9
W-S-36	Wool (T-541)	45 cm	67,2
N-S-36	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



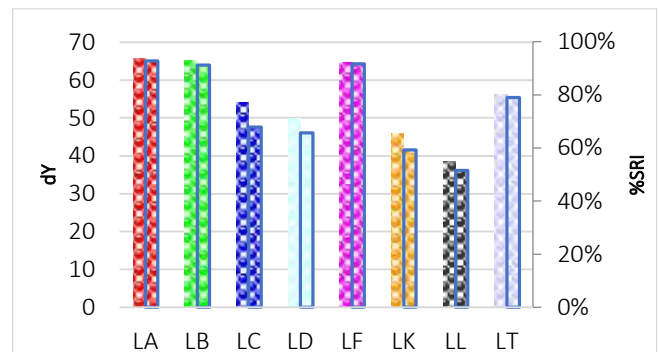
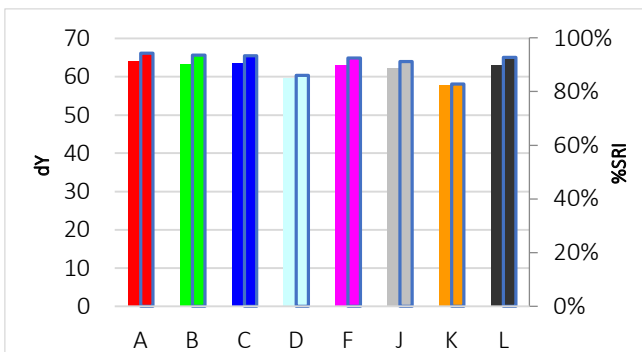
### Detergent Dosage/Response & QC



**LEGENDA:**

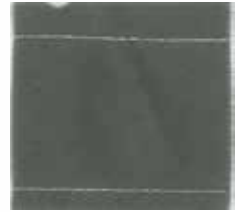
- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-37

## Full egg with carbon black

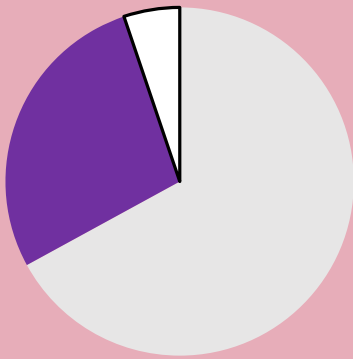


**Discriminative Power:** ★★★★★  
**Reproducibility Ratio:** ★★★★★☆  
**Reliability Ratio:** ★★★★★☆  
**Popularity:** ★★★★★

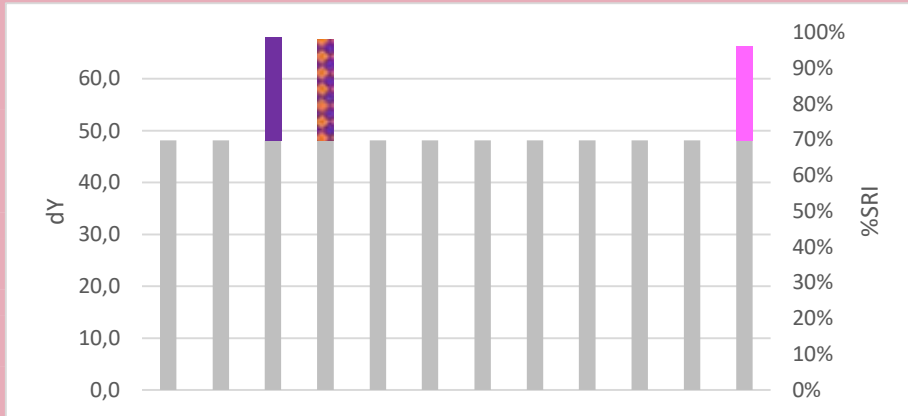
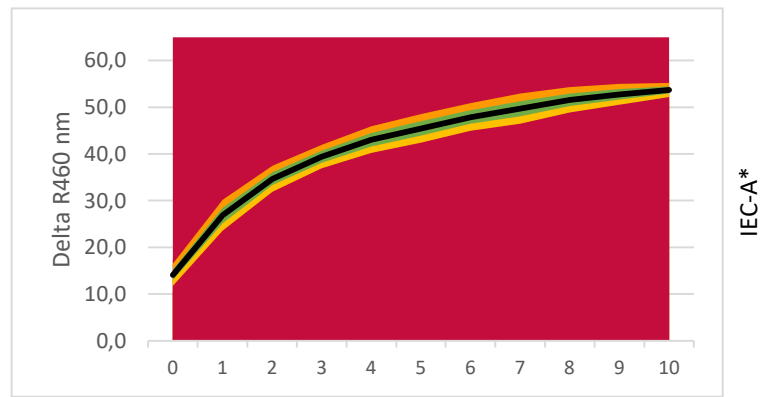
Order Code:	Substrate:	Width:	Yu:
C-S-37	Woven Cotton (CN-11)	45 cm	89,1
KC-S-37	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-37	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-37	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-37	PolyAcryl (PAN-01)	45 cm	89,3
S-S-37	Silk (T-601)	45 cm	83,9
W-S-37	Wool (T-541)	45 cm	67,2
N-S-37	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



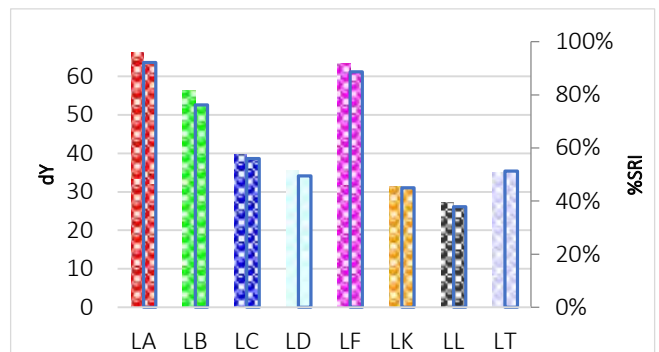
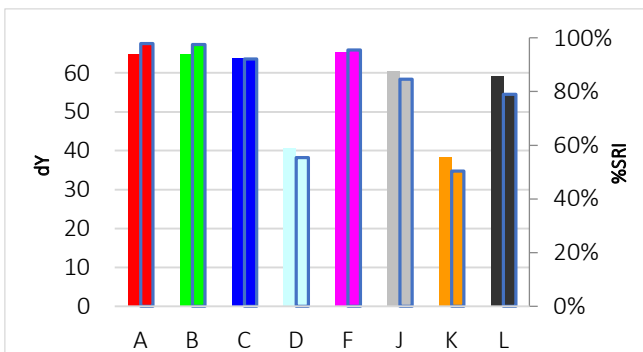
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : Grey
- Amylase : Orange
- Protease : Purple
- Syn. Amylase/Protease : Red/White checkered
- Mannanase : Brown
- Syn. Amylase/Mannanase : Orange/White checkered
- Lipase : Red
- Pectinase : Yellow
- Bleach : Yellow
- Surfactant : Green
- Builder : Orange
- Full Component Mix : Purple
- Soil Remaining Part : White

### Commercial Detergent Comparison





# C-S-38

## Egg yolk with carbon black, aged

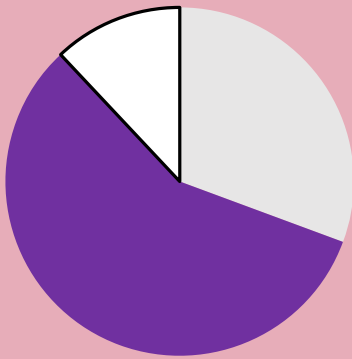


**Discriminative Power:** ★★★★★  
**Reproducibility Ratio:** ★★★★★☆  
**Reliability Ratio:** ★★★★★☆  
**Popularity:** ★★★★★☆

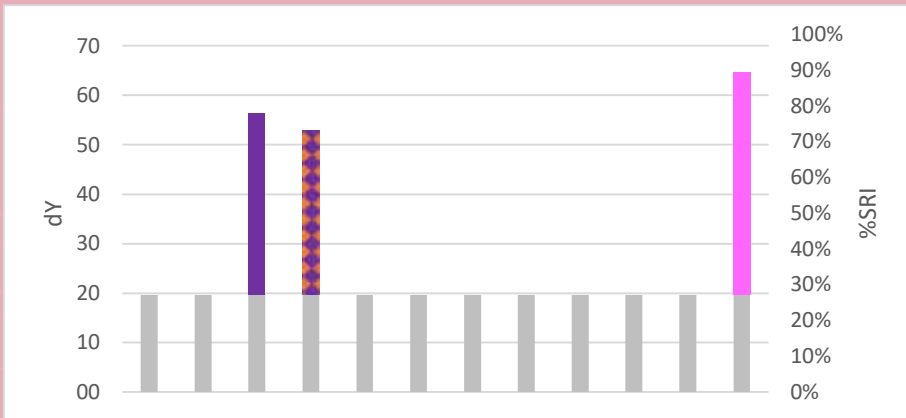
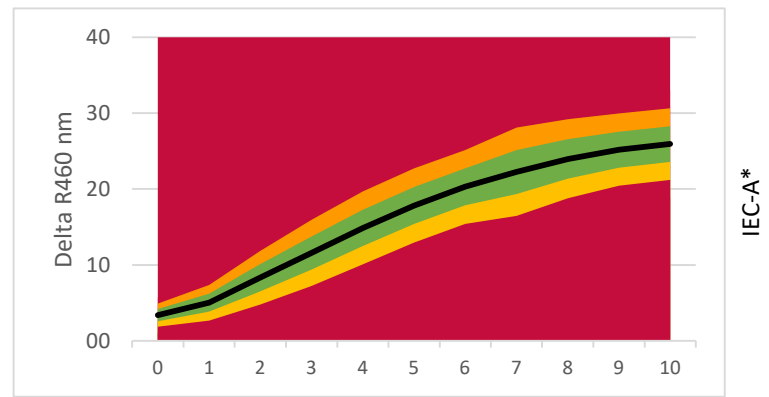
Order Code:	Substrate:	Width:	Yu:
C-S-38	Woven Cotton (CN-11)	45 cm	89,1
KC-S-38	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-38	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-38	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-38	PolyAcryl (PAN-01)	45 cm	89,3
S-S-38	Silk (T-601)	45 cm	83,9
W-S-38	Wool (T-541)	45 cm	67,2
N-S-38	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



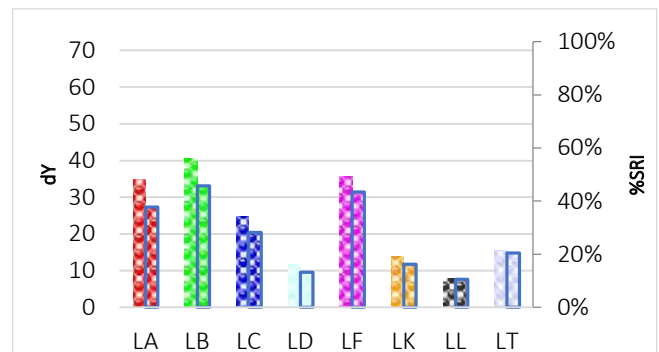
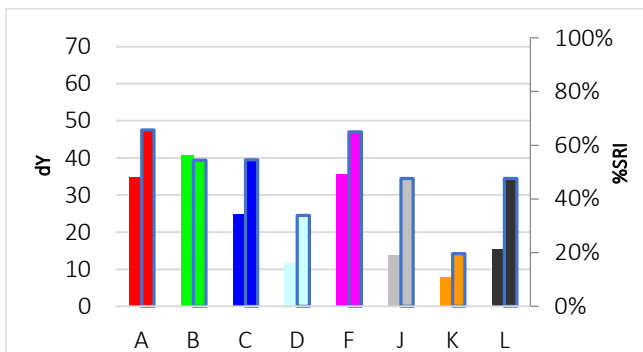
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-39

## Full egg with carbon black, aged

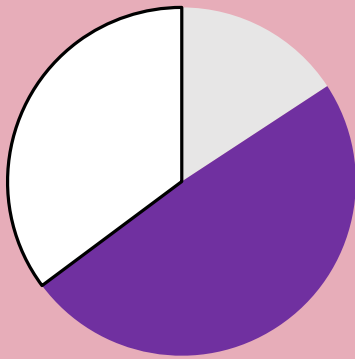


**Discriminative Power:** ★★★★★  
**Reproducibility Ratio:** ★★★★★☆  
**Reliability Ratio:** ★★★★★☆  
**Popularity:** ★★★★★☆

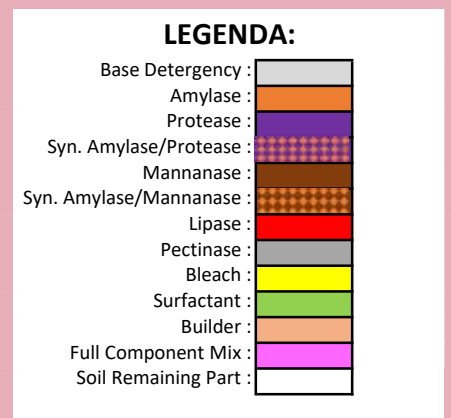
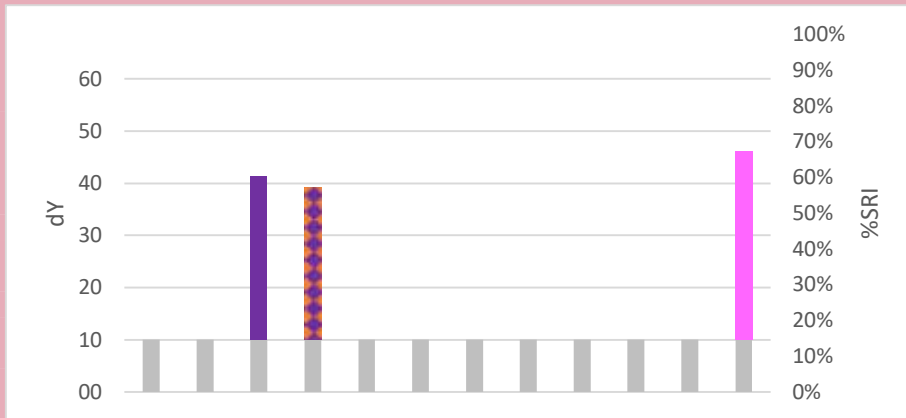
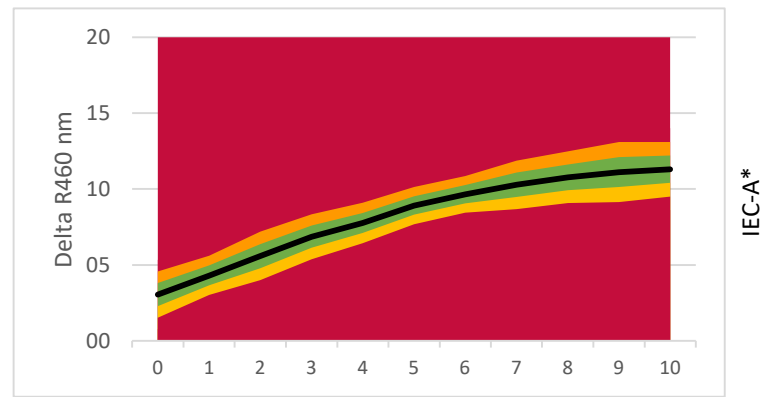
Order Code:	Substrate:	Width:	Yu:
C-S-39	Woven Cotton (CN-11)	45 cm	89,1
KC-S-39	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-39	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-39	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-39	PolyAcryl (PAN-01)	45 cm	89,3
S-S-39	Silk (T-601)	45 cm	83,9
W-S-39	Wool (T-541)	45 cm	67,2
N-S-39	Nylon (T-365)	45 cm	87,4

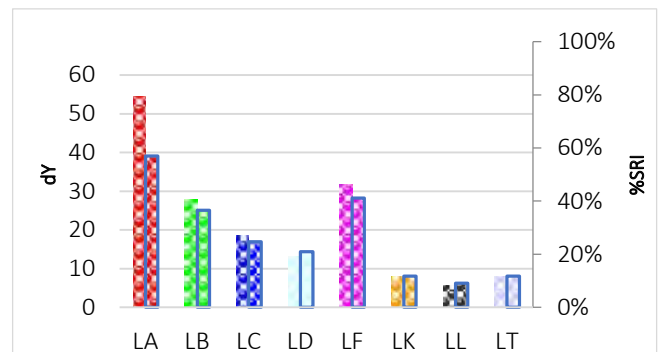
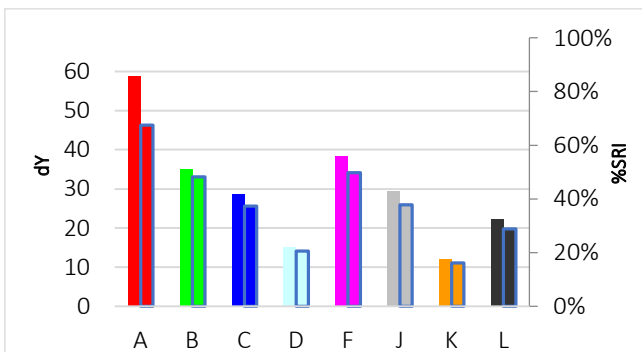
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-40

## Yellow modelling clay

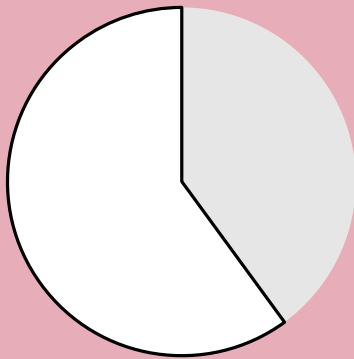


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

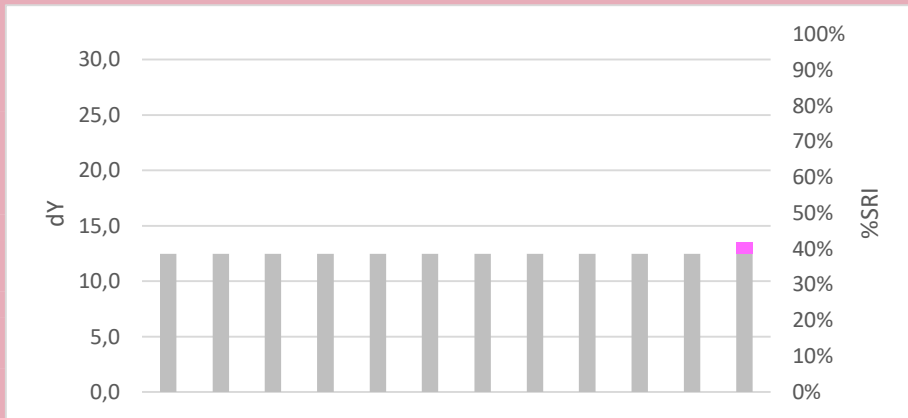
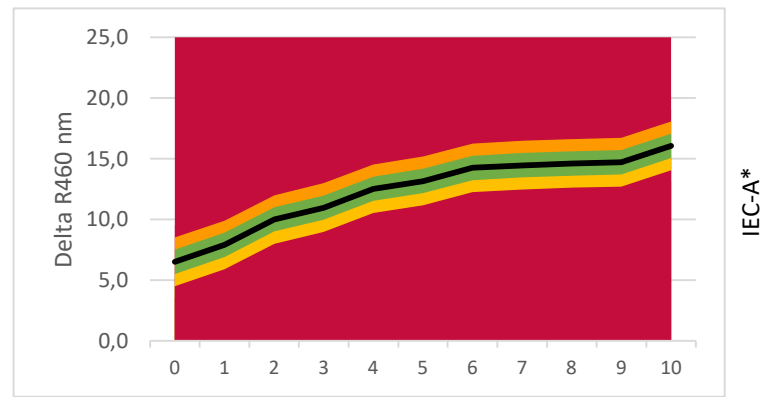
Order Code:	Substrate:	Width:	Yu:
C-S-40	Woven Cotton (CN-11)	45 cm	89,1
KC-S-40	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-40	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-40	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-40	PolyAcryl (PAN-01)	45 cm	89,3
S-S-40	Silk (T-601)	45 cm	83,9
W-S-40	Wool (T-541)	45 cm	67,2
N-S-40	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



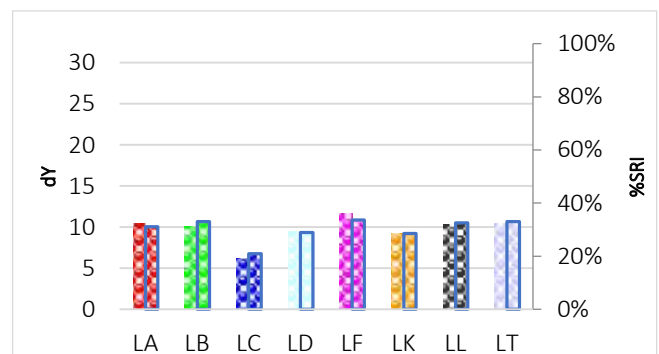
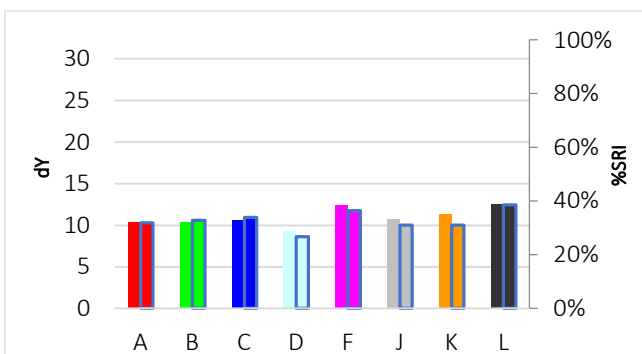
### Detergent Dosage/Response & QC



**LEGENDA:**

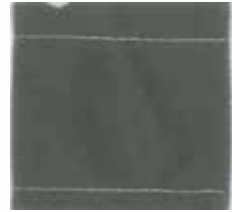
- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-41

## Black laboratory clay

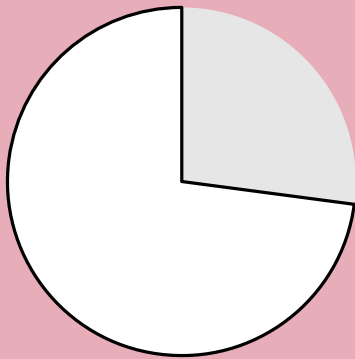


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

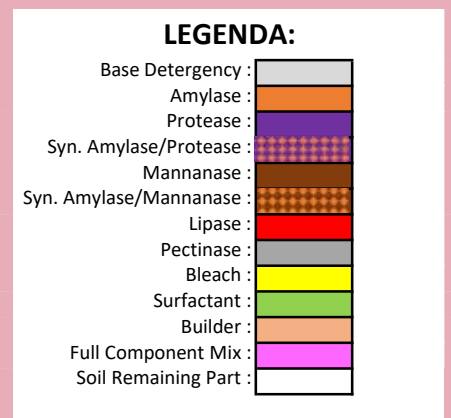
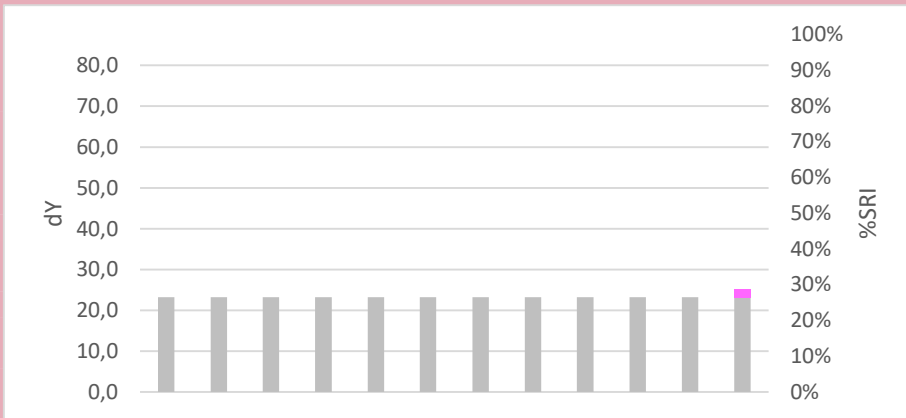
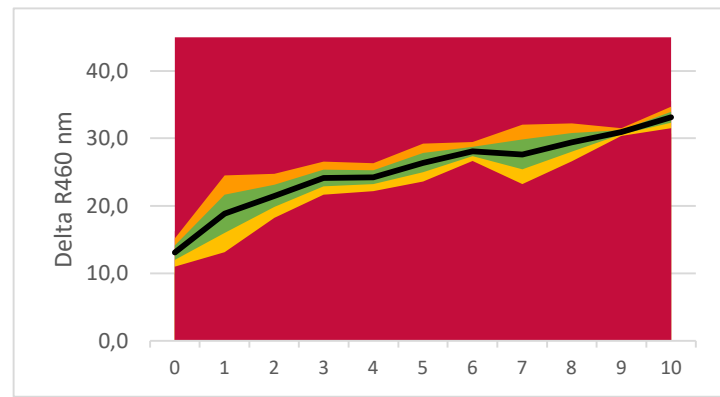
Order Code:	Substrate:	Width:	Yu:
C-S-41	Woven Cotton (CN-17)	45 cm	87,7
KC-S-41	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-41	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-41	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-41	PolyAcryl (PAN-01)	45 cm	89,3
S-S-41	Silk (T-601)	45 cm	83,9
W-S-41	Wool (T-541)	45 cm	67,2
N-S-41	Nylon (T-365)	45 cm	87,4

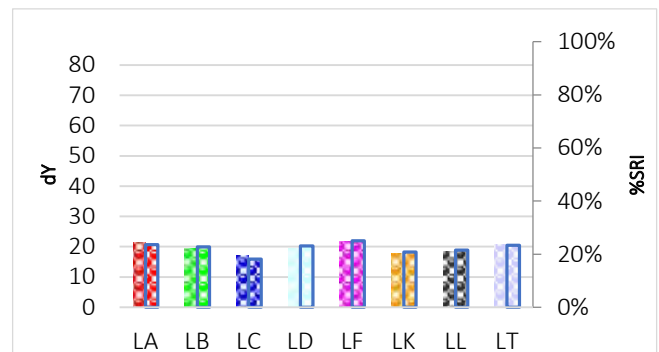
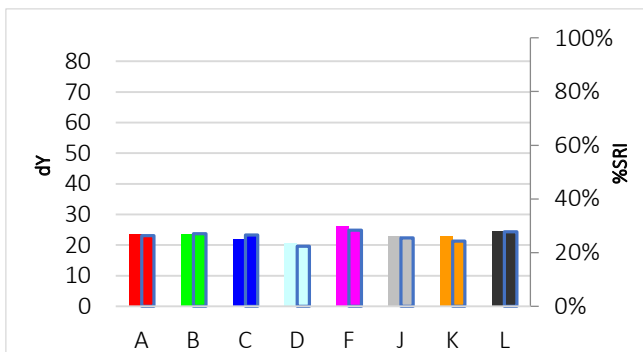
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-42

## Standard clay

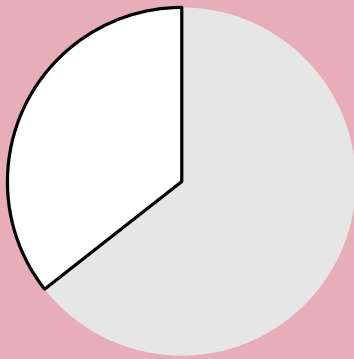


**Discriminative Power:** ★ ★ ☆ ☆ ☆  
**Reproducibility Ratio:** ★ ★ ★ ★ ☆  
**Reliability Ratio:** ★ ★ ★ ★ ☆  
**Popularity:** ★ ★ ★ ★ ☆

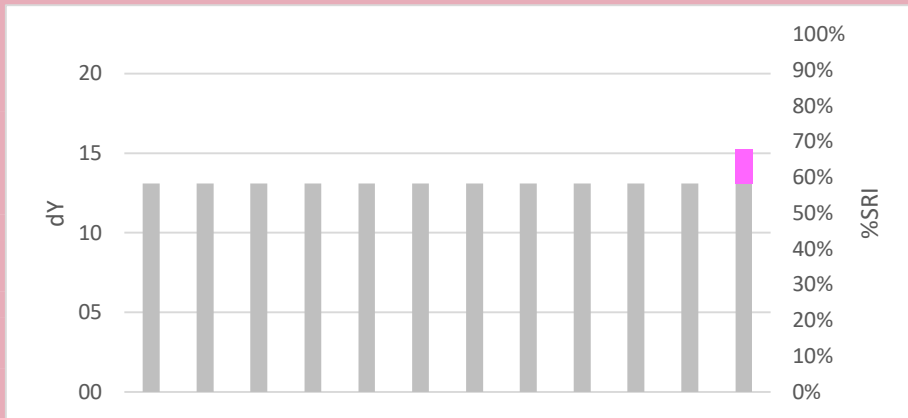
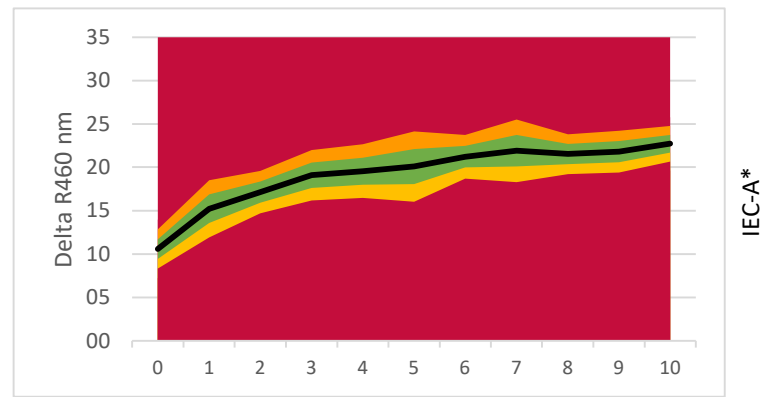
Order Code:	Substrate:	Width:	Yu:
C-S-42	Woven Cotton (CN-17)	45 cm	87,7
KC-S-42	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-42	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-42	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-42	PolyAcryl (PAN-01)	45 cm	89,3
S-S-42	Silk (T-601)	45 cm	83,9
W-S-42	Wool (T-541)	45 cm	67,2
N-S-42	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



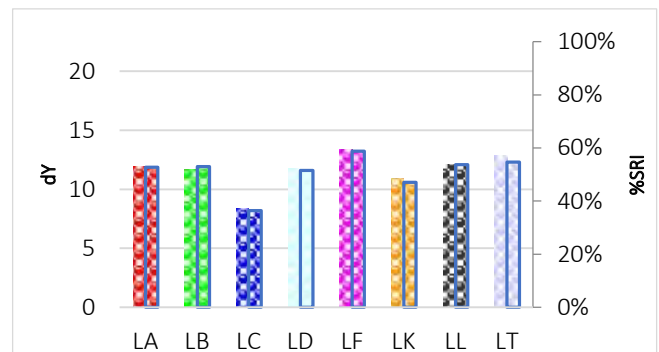
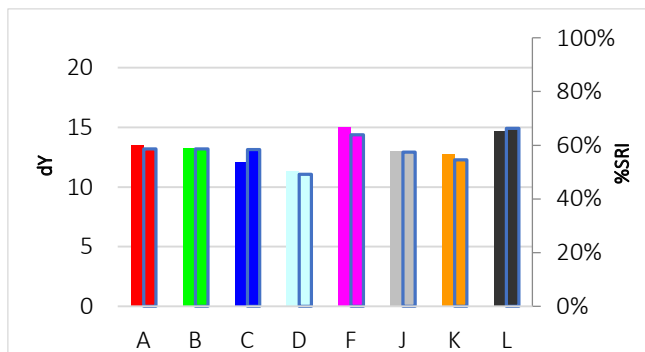
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red/White checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Orange/White checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-S-43

## Guar gum with carbon black

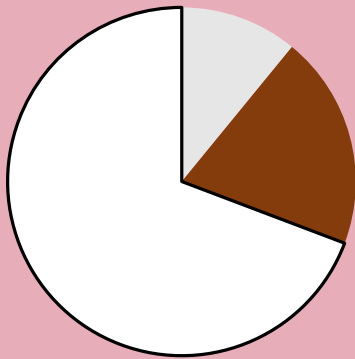


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

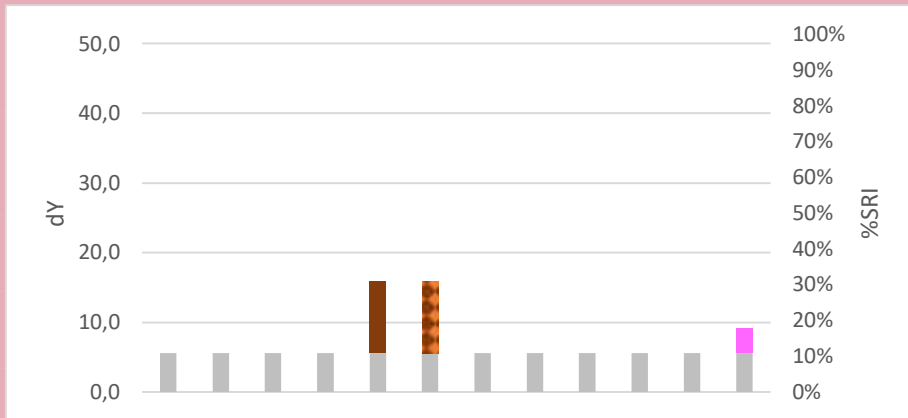
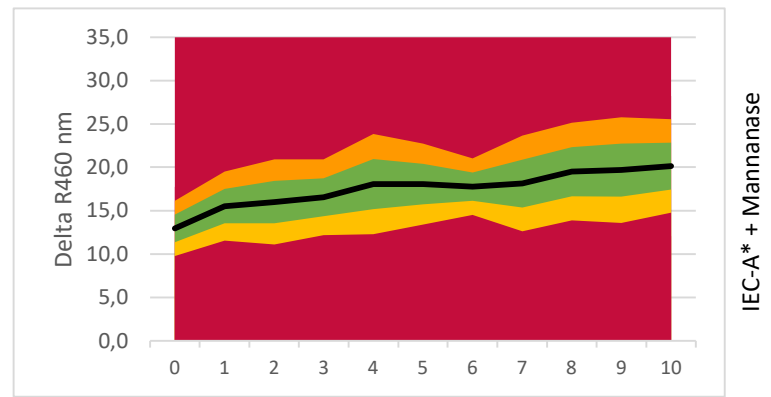
Order Code:	Substrate:	Width:	Yu:
C-S-43	Woven Cotton (CN-11)	45 cm	89,1
KC-S-43	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-43	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-43	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-43	PolyAcryl (PAN-01)	45 cm	89,3
S-S-43	Silk (T-601)	45 cm	83,9
W-S-43	Wool (T-541)	45 cm	67,2
N-S-43	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



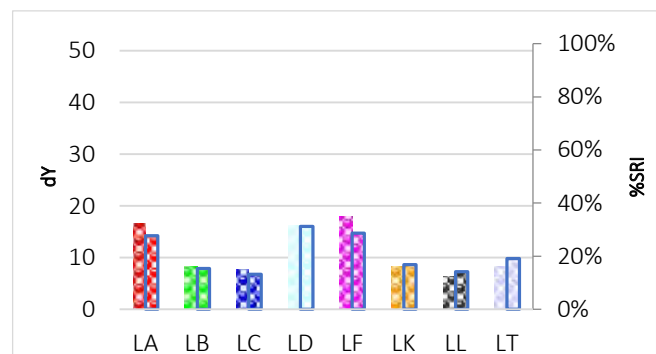
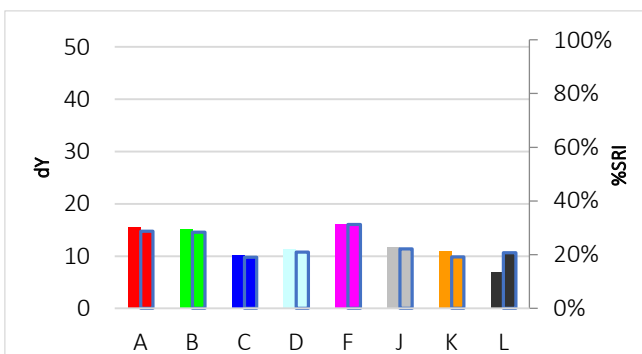
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-44

## Chocolate drink, pure



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

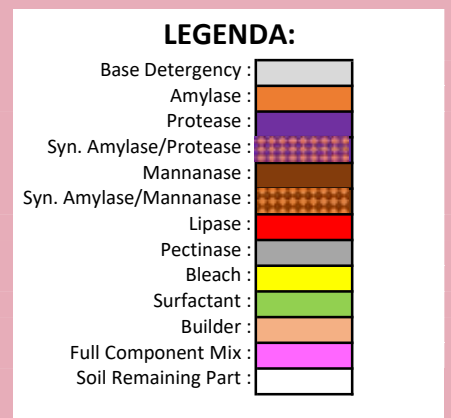
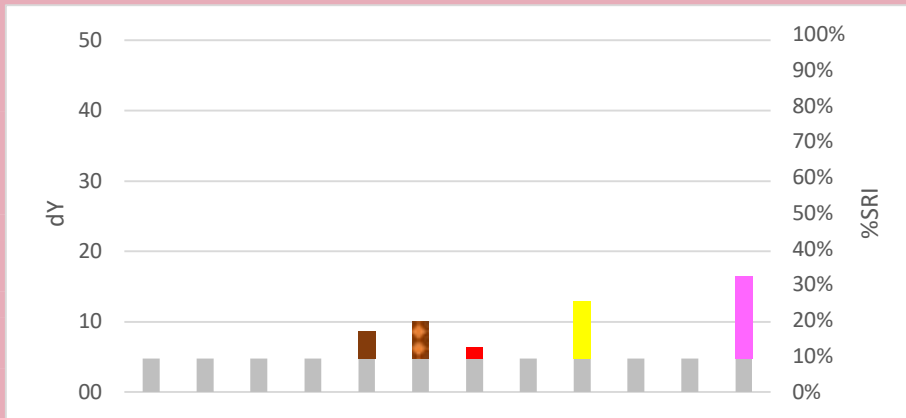
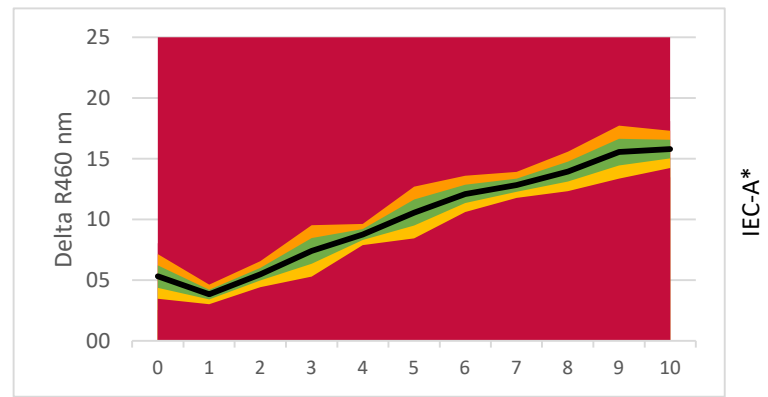
Order Code:	Substrate:	Width:	Yu:
C-S-44	Woven Cotton (CN-11)	90 cm	89,1
KC-S-44	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-44	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-44	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-44	PolyAcryl (PAN-01)	45 cm	89,3
S-S-44	Silk (T-601)	45 cm	83,9
W-S-44	Wool (T-541)	45 cm	67,2
N-S-44	Nylon (T-365)	45 cm	87,4

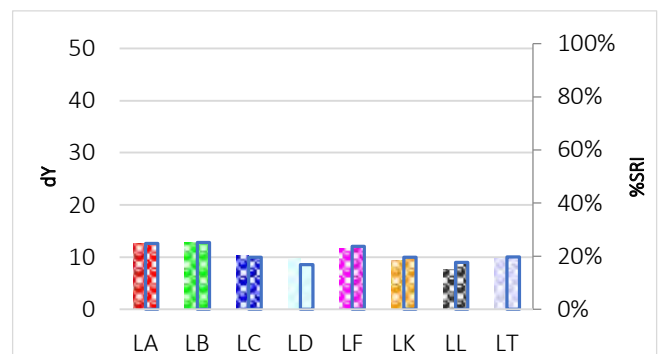
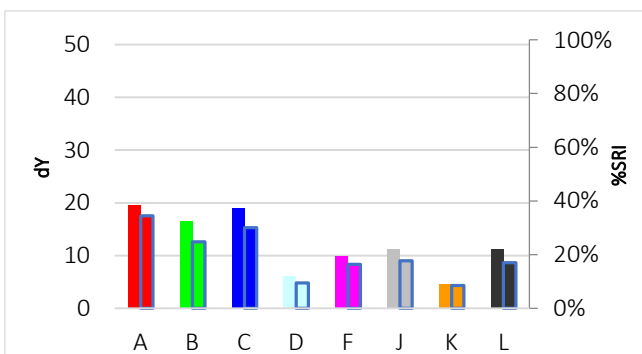
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-45

## Chocolate soy milk drink, aged

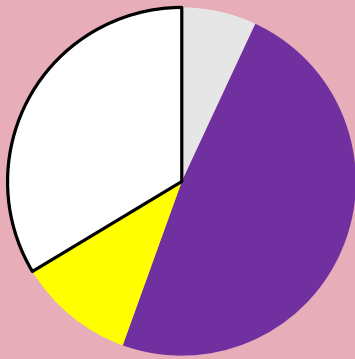


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

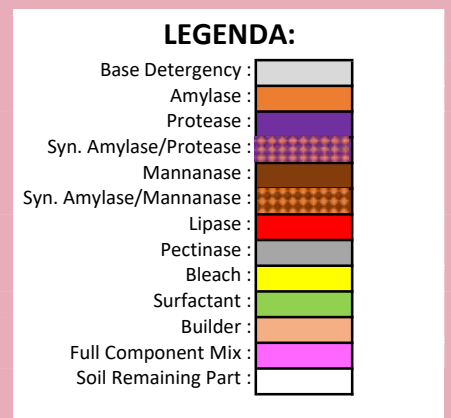
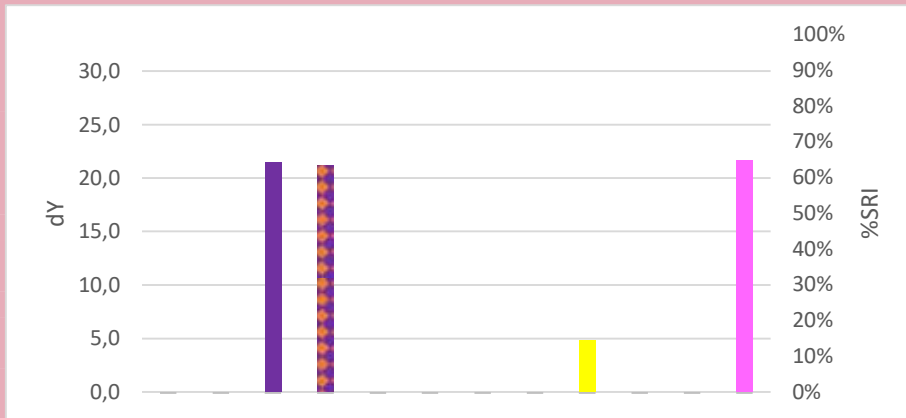
Order Code:	Substrate:	Width:	Yu:
C-S-45	Woven Cotton (CN-11)	45 cm	89,1
KC-S-45	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-45	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-45	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-45	PolyAcryl (PAN-01)	45 cm	89,3
S-S-45	Silk (T-601)	45 cm	83,9
W-S-45	Wool (T-541)	45 cm	67,2
N-S-45	Nylon (T-365)	45 cm	87,4

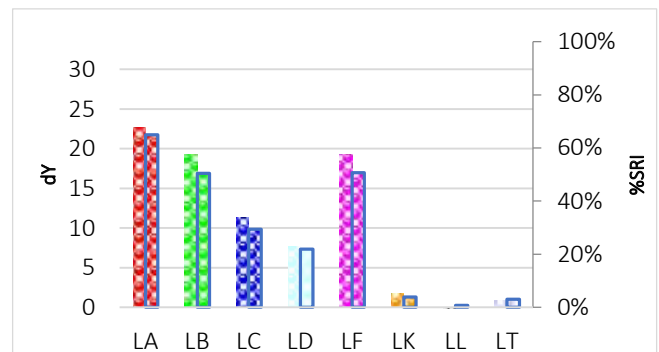
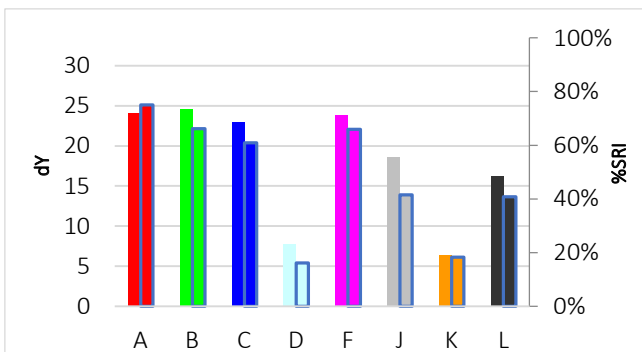
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison





# C-S-46

## Frying fat, used



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

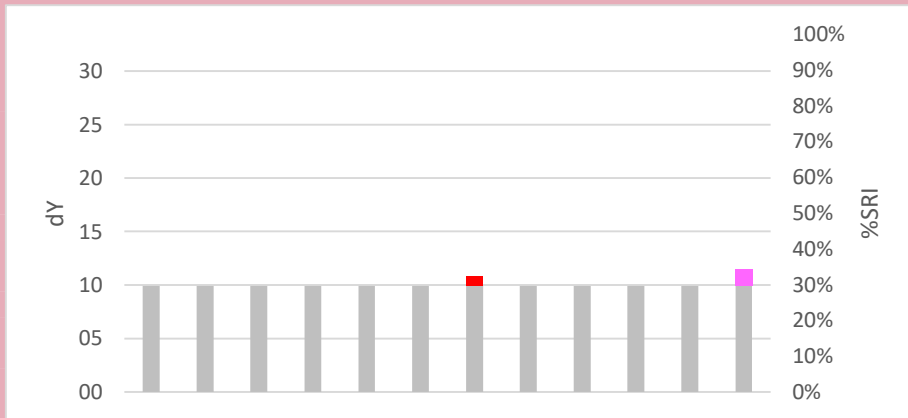
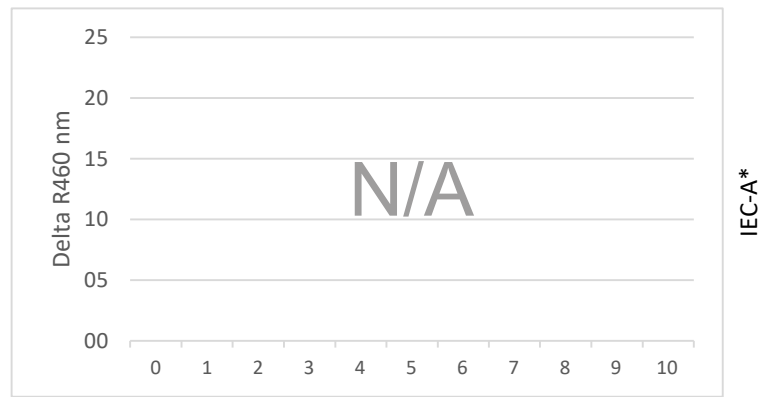
Order Code:	Substrate:	Width:	Yu:
C-S-46	Woven Cotton (CN-17)	45 cm	87,7
KC-S-46	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-46	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-46	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-46	PolyAcryl (PAN-01)	45 cm	89,3
S-S-46	Silk (T-601)	45 cm	83,9
W-S-46	Wool (T-541)	45 cm	67,2
N-S-46	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



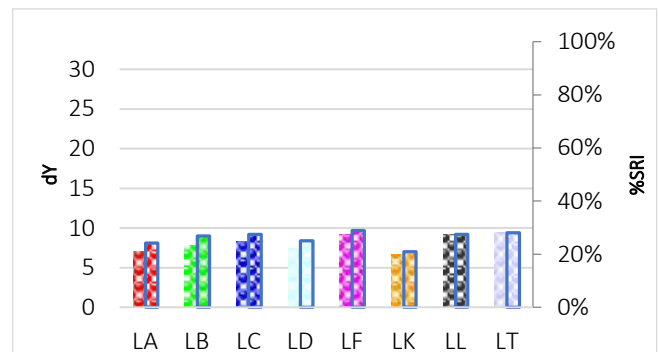
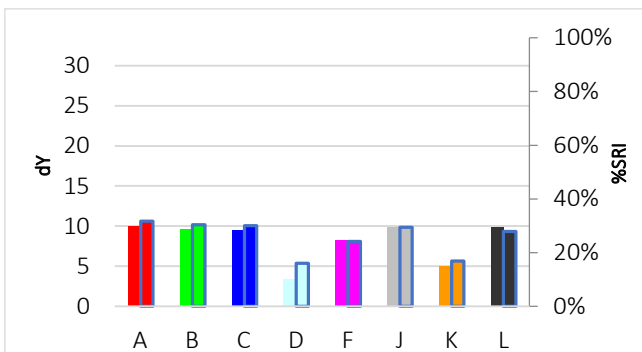
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-46B

Frying fat, used, coloured with violet dye

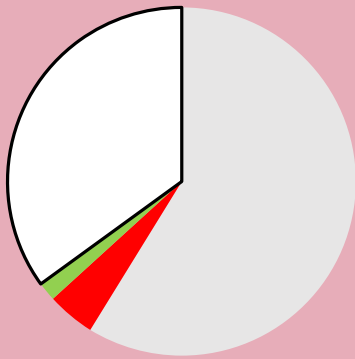


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

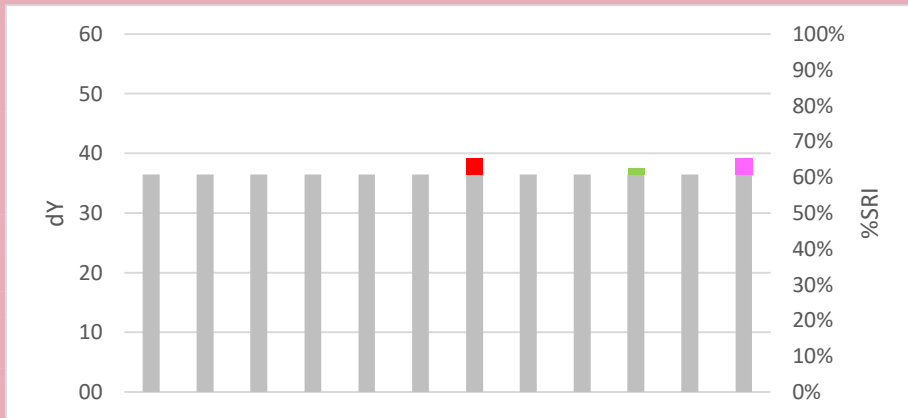
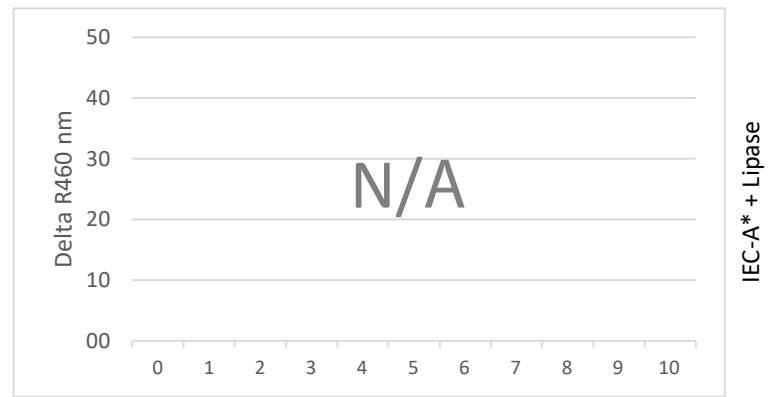
Order Code:	Substrate:	Width:	Yu:
C-S-46B	Woven Cotton (CN-17)	45 cm	87,7
KC-S-46B	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-46B	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-46B	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-46B	PolyAcryl (PAN-01)	45 cm	89,3
S-S-46B	Silk (T-601)	45 cm	83,9
W-S-46B	Wool (T-541)	45 cm	67,2
N-S-46B	Nylon (T-365)	45 cm	87,4

## Detergent Component Response



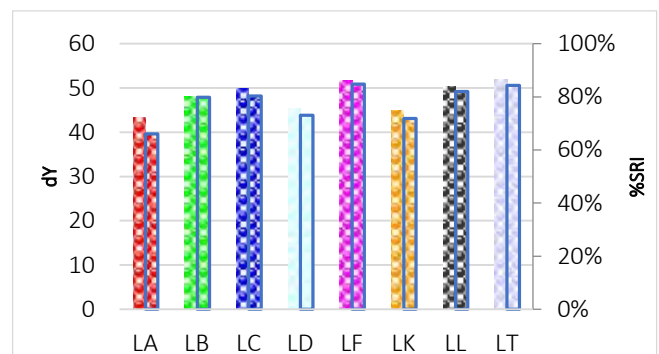
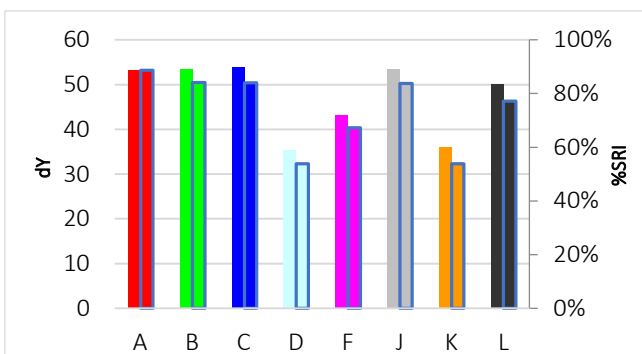
## Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

## Commercial Detergent Comparison



# C-S-46C

## Frying fat, burnt, with carbon black

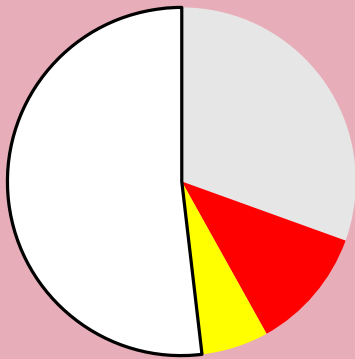


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★☆☆☆☆

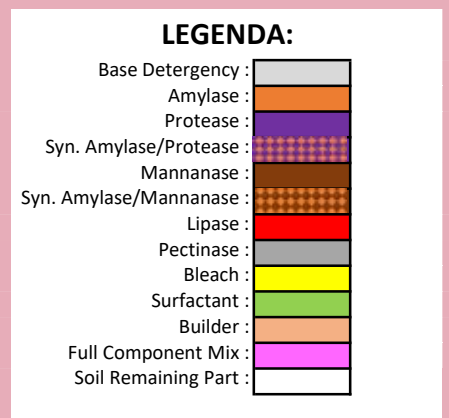
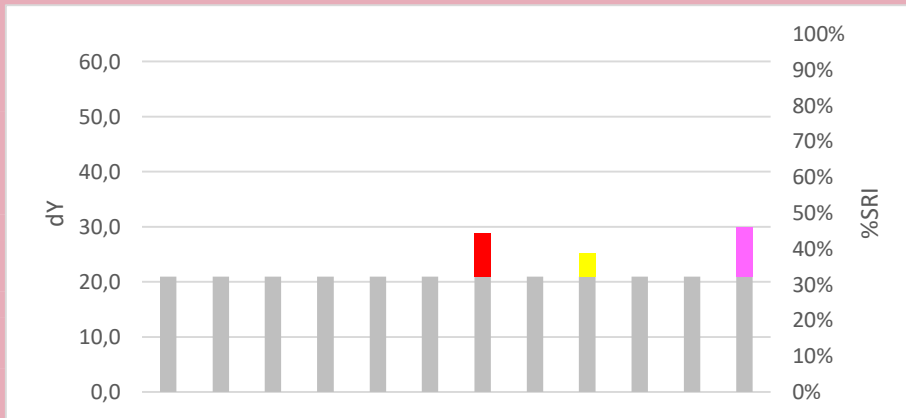
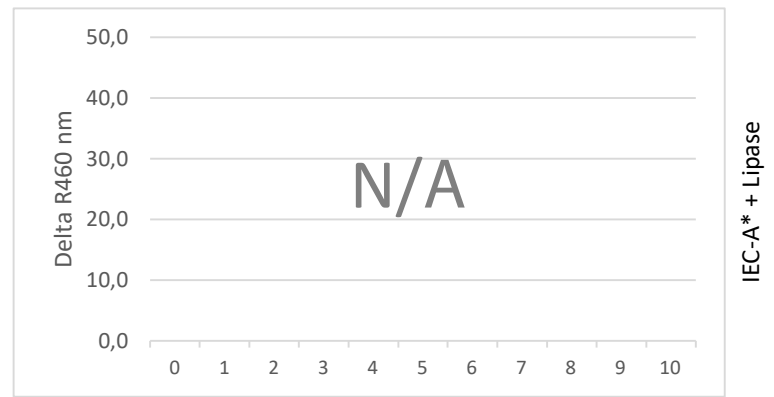
Order Code:	Substrate:	Width:	Yu:
C-S-46C	Woven Cotton (CN-17)	45 cm	87,7
KC-S-46C	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-46C	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-46C	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-46C	PolyAcryl (PAN-01)	45 cm	89,3
S-S-46C	Silk (T-601)	45 cm	83,9
W-S-46C	Wool (T-541)	45 cm	67,2
N-S-46C	Nylon (T-365)	45 cm	87,4

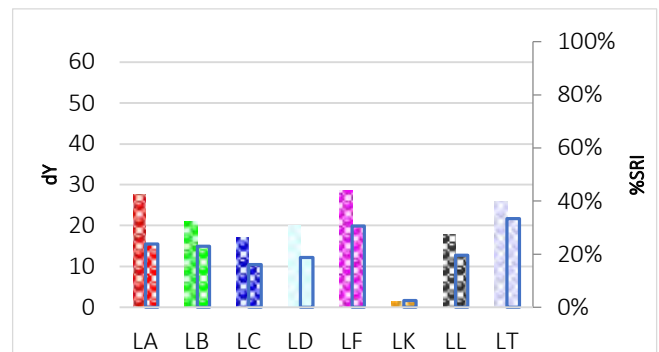
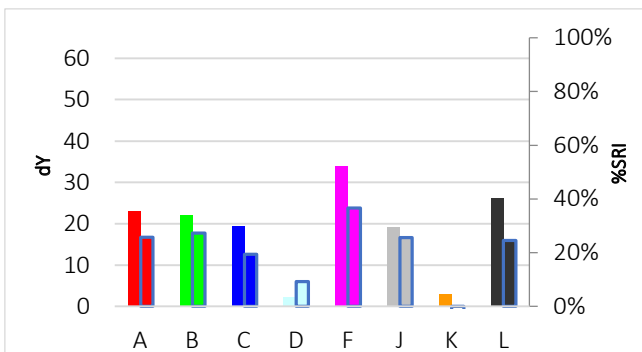
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-47

## Tea, aged

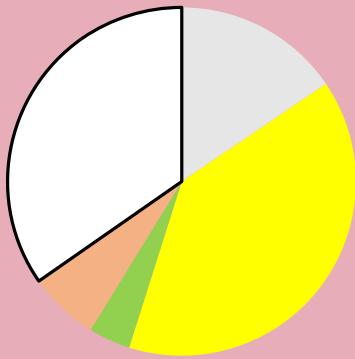


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

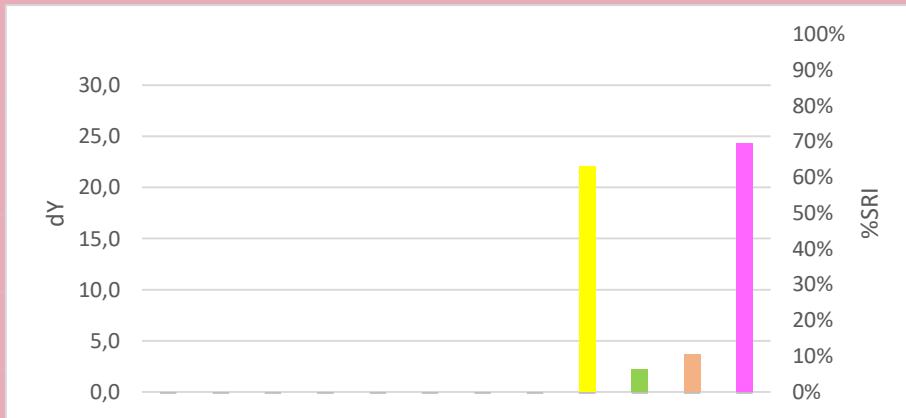
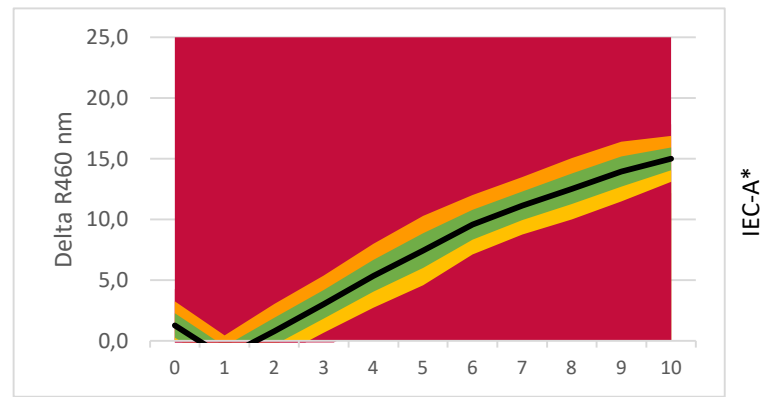
Order Code:	Substrate:	Width:	Yu:
C-S-47	Woven Cotton (CN-11)	45 cm	89,1
KC-S-47	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-47	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-47	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-47	PolyAcryl (PAN-01)	45 cm	89,3
S-S-47	Silk (T-601)	45 cm	83,9
W-S-47	Wool (T-541)	45 cm	67,2
N-S-47	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



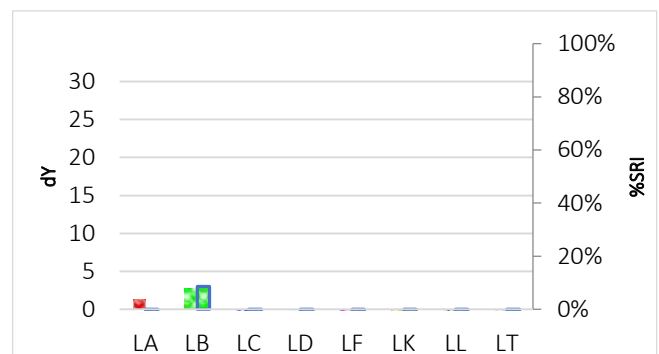
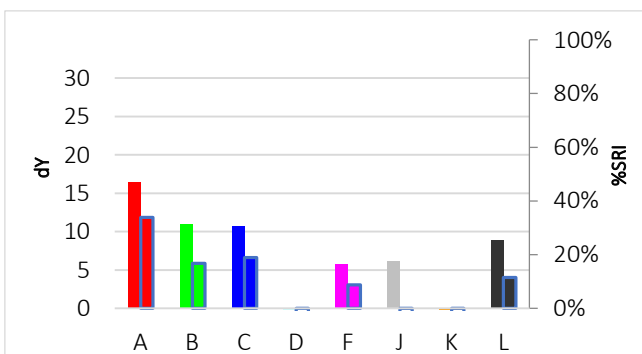
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Orange]
- Full Component Mix : [Purple]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-48

## Tea with milk, aged

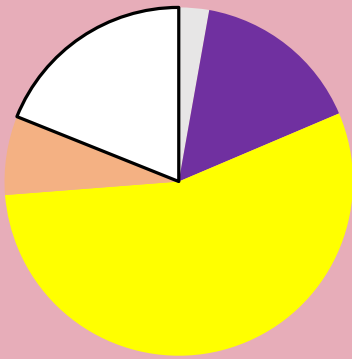


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

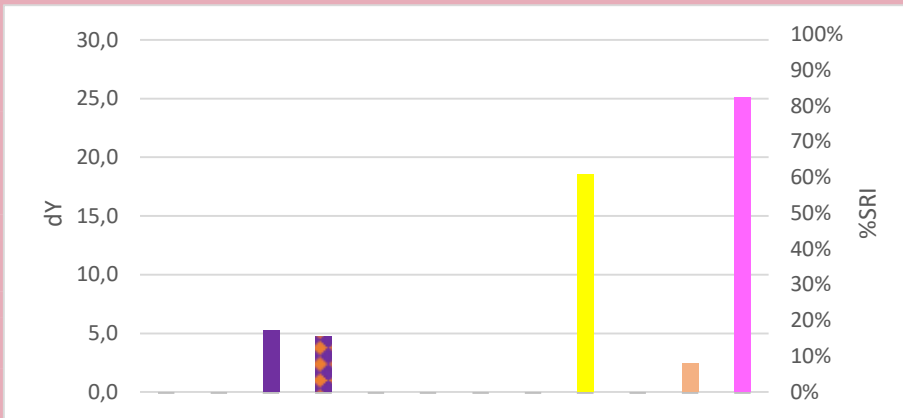
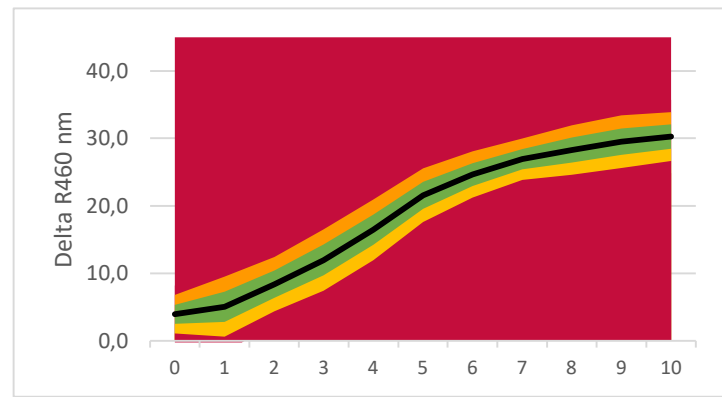
Order Code:	Substrate:	Width:	Yu:
C-S-48	Woven Cotton (CN-17)	45 cm	87,7
KC-S-48	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-48	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-48	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-48	PolyAcryl (PAN-01)	45 cm	89,3
S-S-48	Silk (T-601)	45 cm	83,9
W-S-48	Wool (T-541)	45 cm	67,2
N-S-48	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



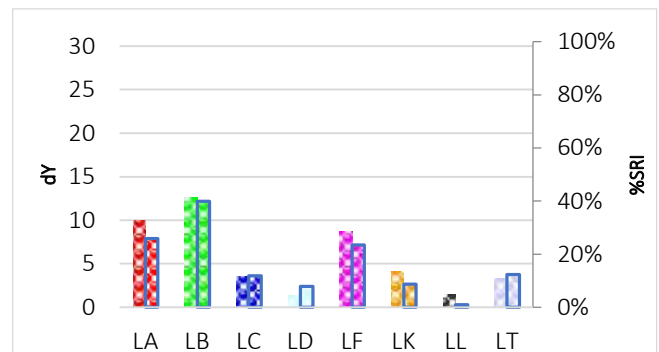
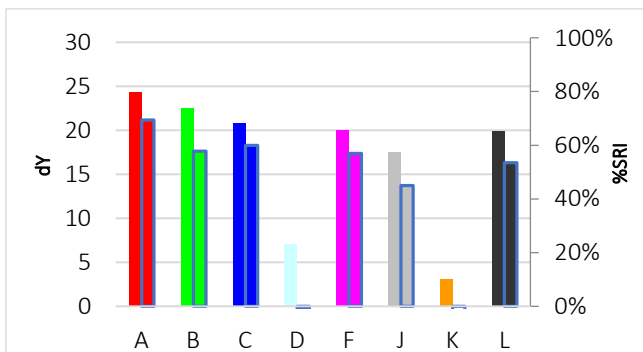
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Orange]
- Full Component Mix : [Purple]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-49

## Coffee, black, aged

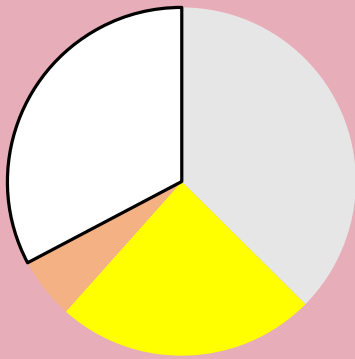


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

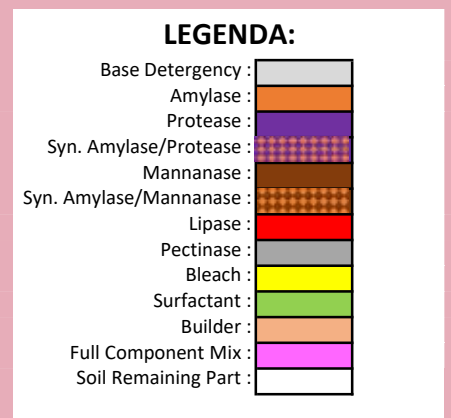
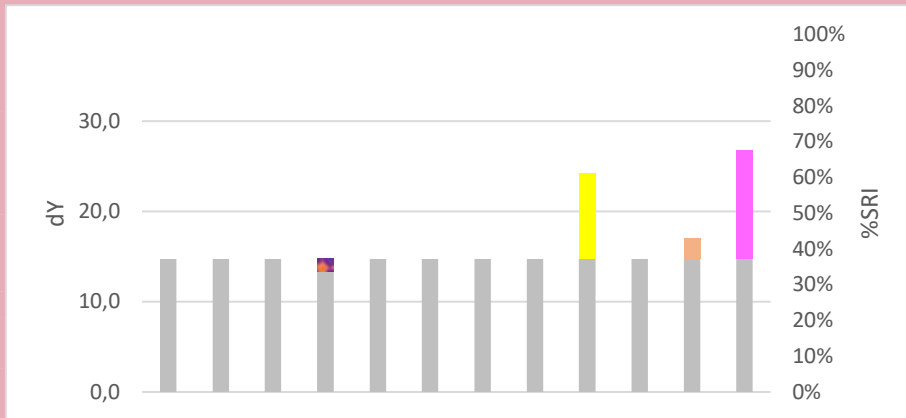
Order Code:	Substrate:	Width:	Yu:
C-S-49	Woven Cotton (CN-11)	45 cm	89,1
KC-S-49	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-49	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-49	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-49	PolyAcryl (PAN-01)	45 cm	89,3
S-S-49	Silk (T-601)	45 cm	83,9
W-S-49	Wool (T-541)	45 cm	67,2
N-S-49	Nylon (T-365)	45 cm	87,4

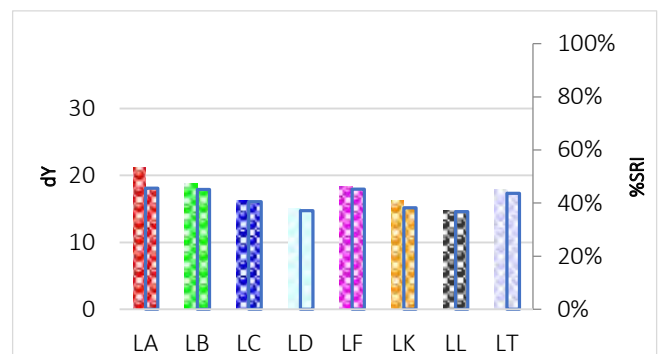
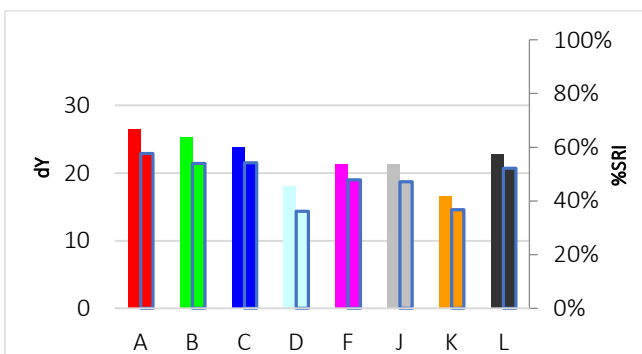
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-50

Coffee, black, espresso, aged

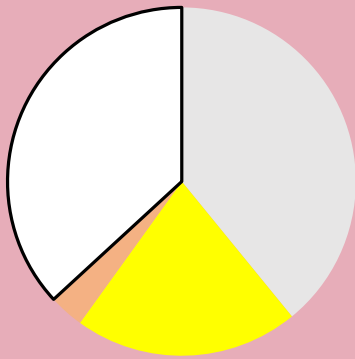


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

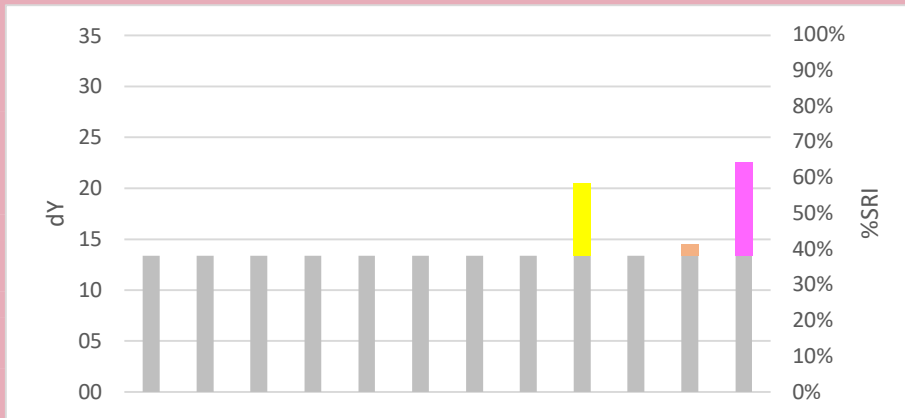
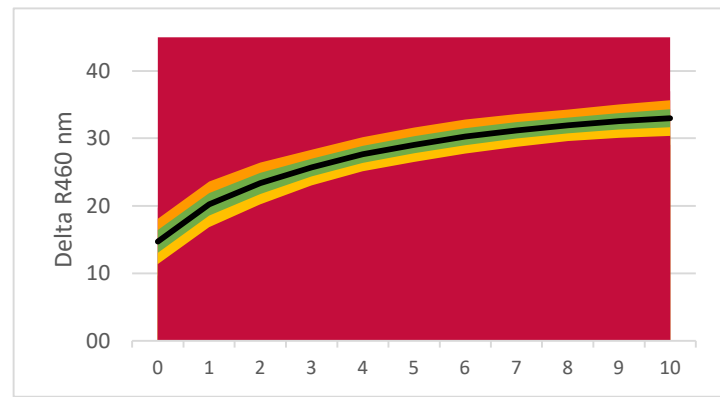
Order Code:	Substrate:	Width:	Yu:
C-S-50	Woven Cotton (CN-11)	45 cm	89,1
KC-S-50	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-50	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-50	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-50	PolyAcryl (PAN-01)	45 cm	89,3
S-S-50	Silk (T-601)	45 cm	83,9
W-S-50	Wool (T-541)	45 cm	67,2
N-S-50	Nylon (T-365)	45 cm	87,4

## Detergent Component Response



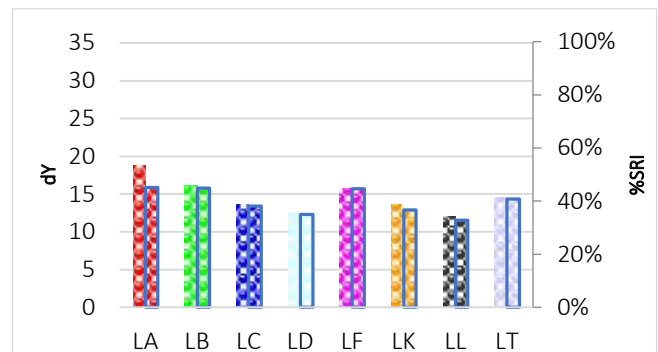
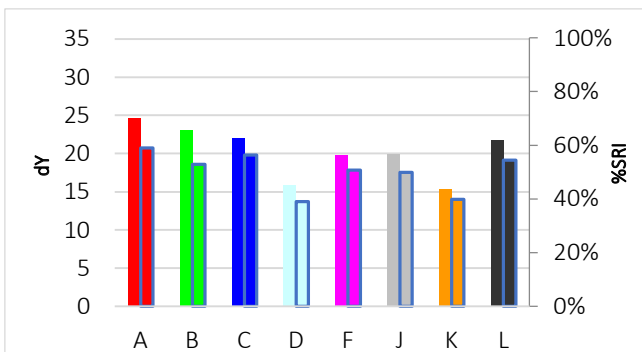
## Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

## Commercial Detergent Comparison



# C-S-51

## Coffee with milk, aged

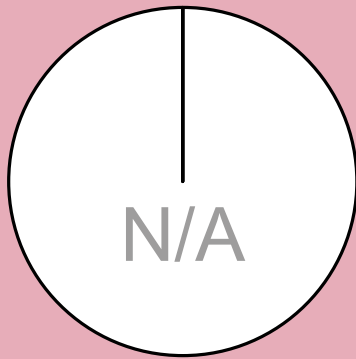


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

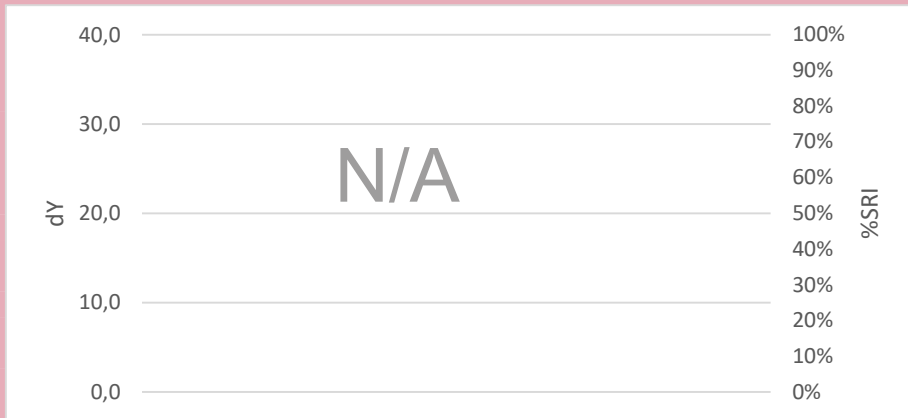
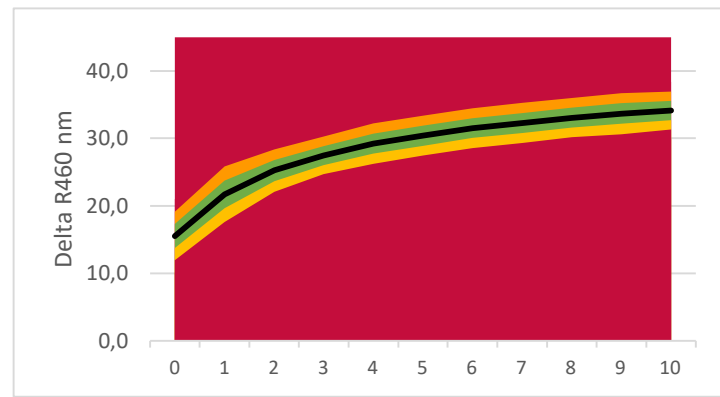
Order Code:	Substrate:	Width:	Yu:
C-S-51	Woven Cotton (CN-11)	45 cm	89,1
KC-S-51	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-51	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-51	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-51	PolyAcryl (PAN-01)	45 cm	89,3
S-S-51	Silk (T-601)	45 cm	83,9
W-S-51	Wool (T-541)	45 cm	67,2
N-S-51	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



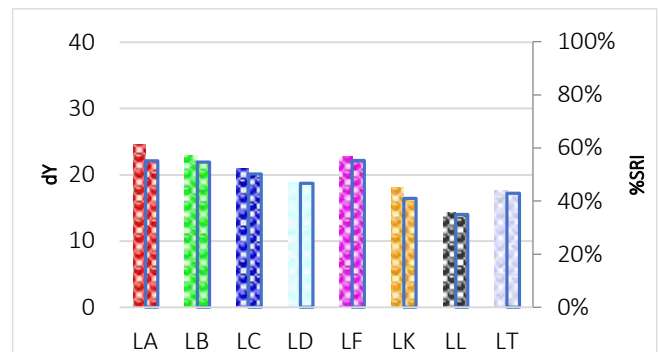
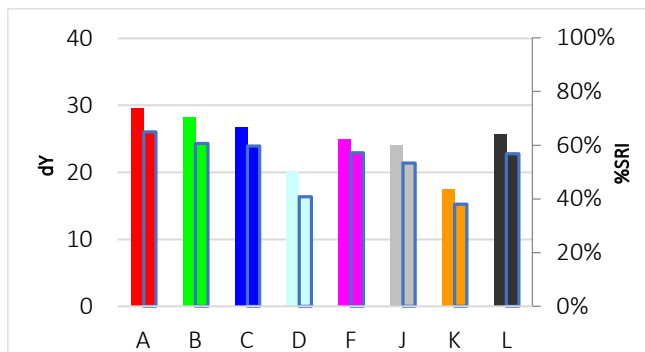
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red/White checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Orange/White checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light Blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison





# C-S-52

## Coffee with cream, aged

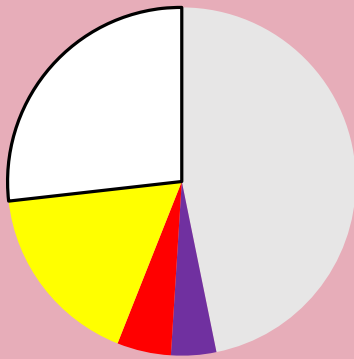


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

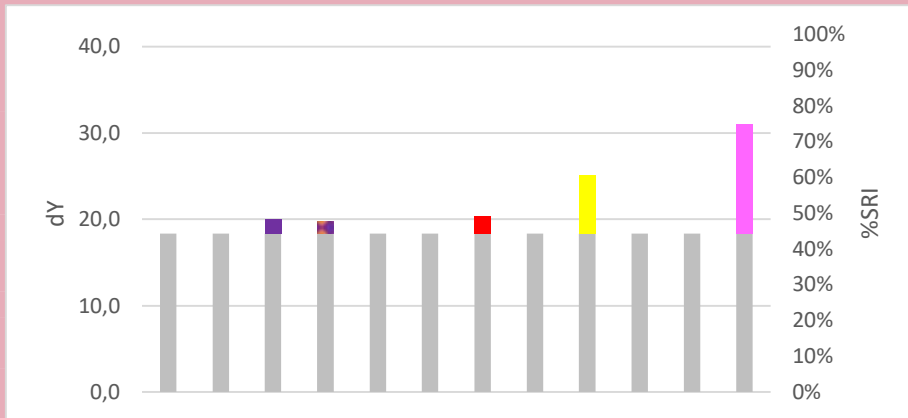
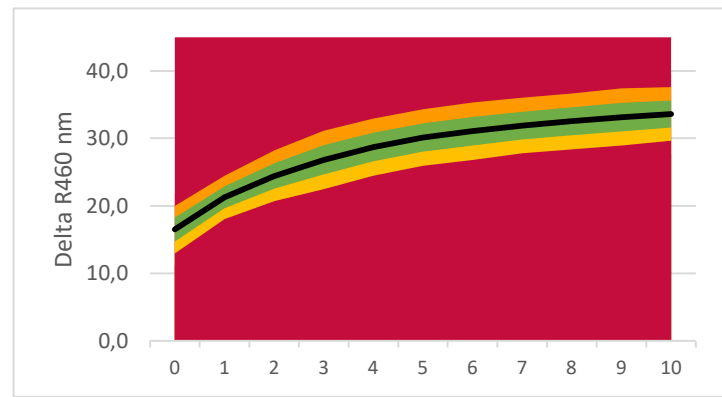
Order Code:	Substrate:	Width:	Yu:
C-S-52	Woven Cotton (CN-11)	45 cm	89,1
KC-S-52	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-52	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-52	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-52	PolyAcryl (PAN-01)	45 cm	89,3
S-S-52	Silk (T-601)	45 cm	83,9
W-S-52	Wool (T-541)	45 cm	67,2
N-S-52	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



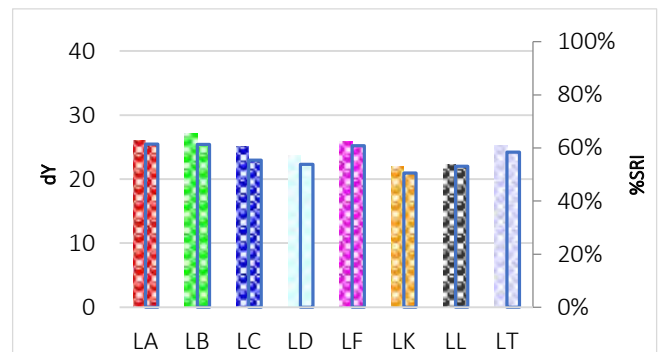
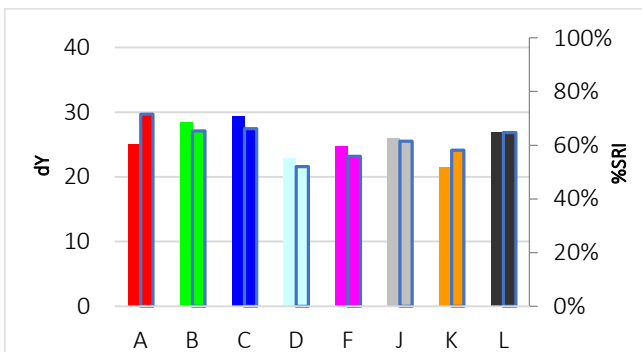
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-53

## Pectate with carbon black

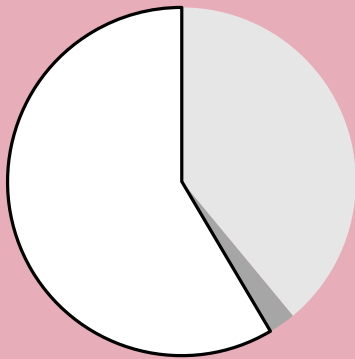


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★☆☆☆☆

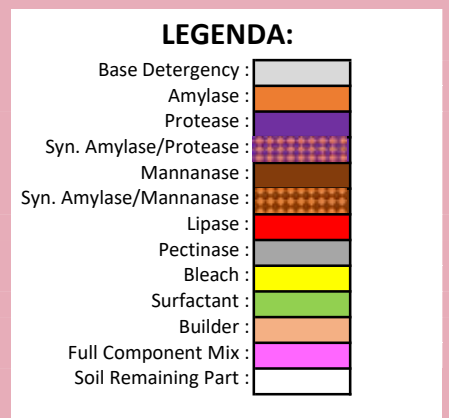
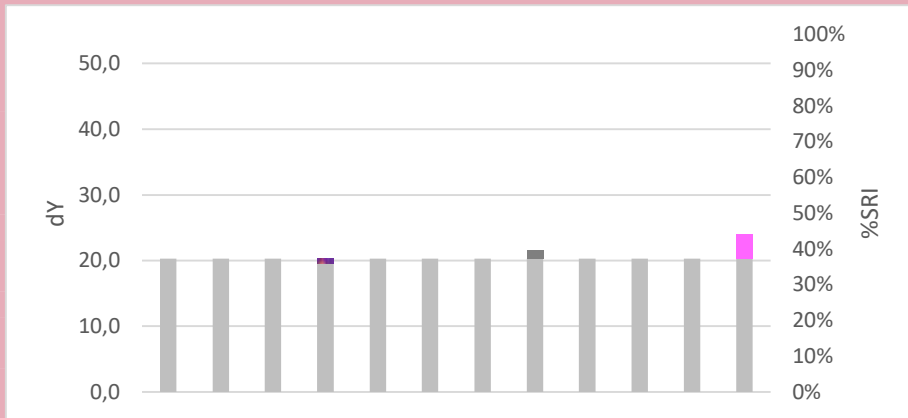
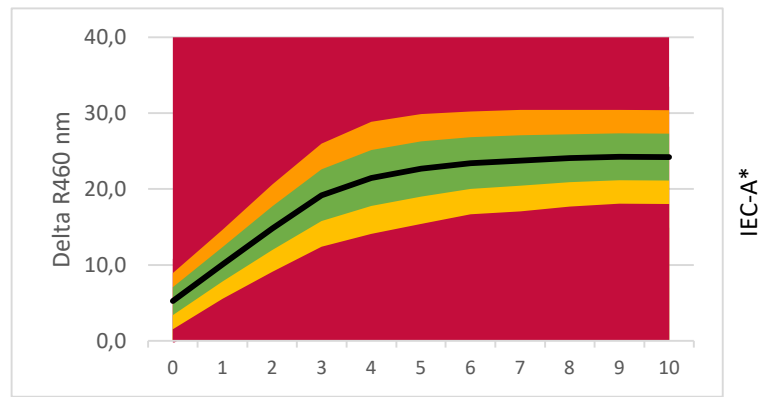
Order Code:	Substrate:	Width:	Yu:
C-S-53	Woven Cotton (CN-17)	45 cm	87,7
KC-S-53	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-53	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-53	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-53	PolyAcryl (PAN-01)	45 cm	89,3
S-S-53	Silk (T-601)	45 cm	83,9
W-S-53	Wool (T-541)	45 cm	67,2
N-S-53	Nylon (T-365)	45 cm	87,4

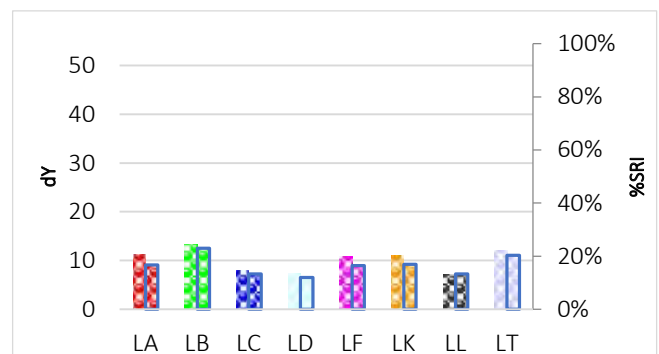
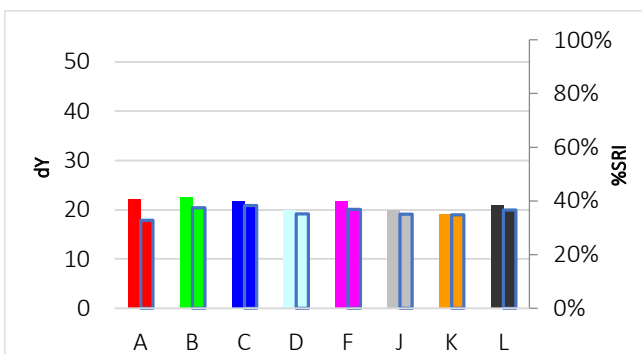
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-53b

## Pectin with carbon black

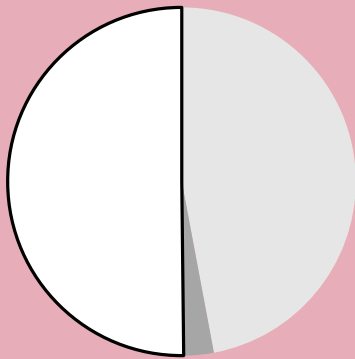


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★★★★

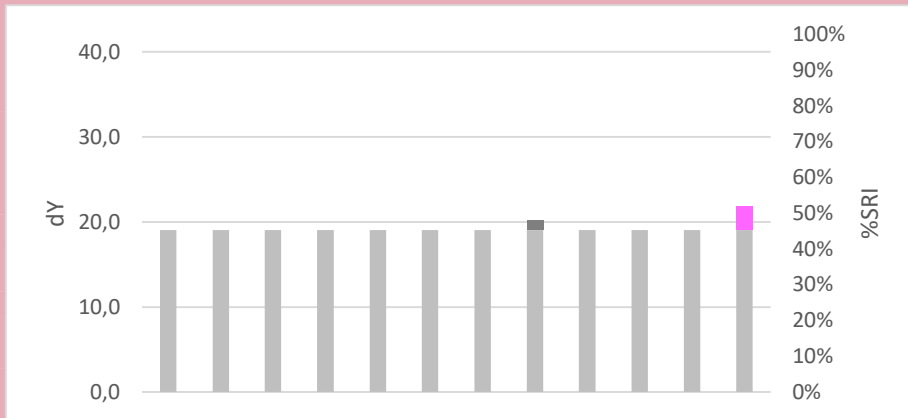
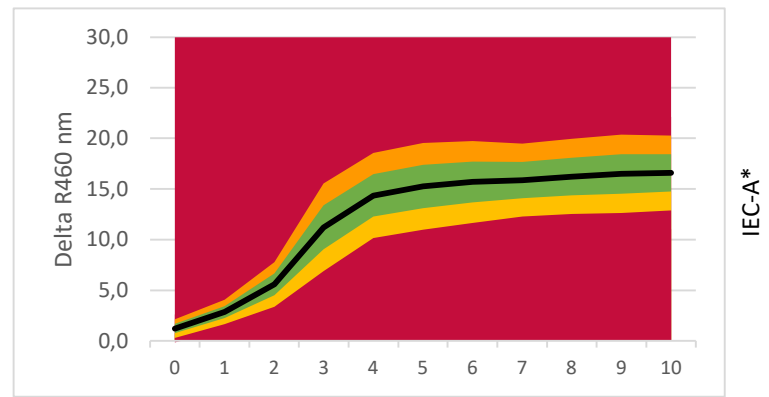
Order Code:	Substrate:	Width:	Yu:
C-S-53b	Woven Cotton (CN-17)	45 cm	87,7
KC-S-53b	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-53b	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-53b	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-53b	PolyAcryl (PAN-01)	45 cm	89,3
S-S-53b	Silk (T-601)	45 cm	83,9
W-S-53b	Wool (T-541)	45 cm	67,2
N-S-53b	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



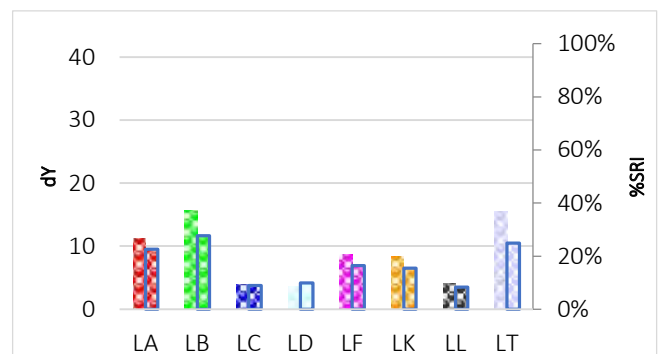
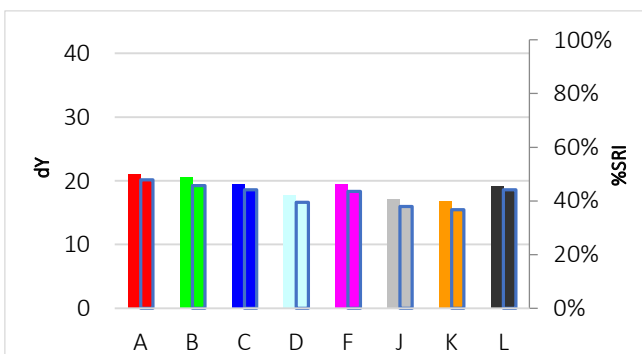
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Green]
- Bleach : [Yellow]
- Surfactant : [Light Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-54

## Oatmeal, coloured with chocolate, aged

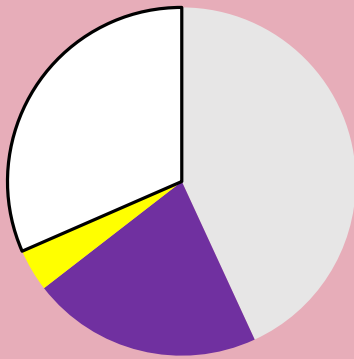


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

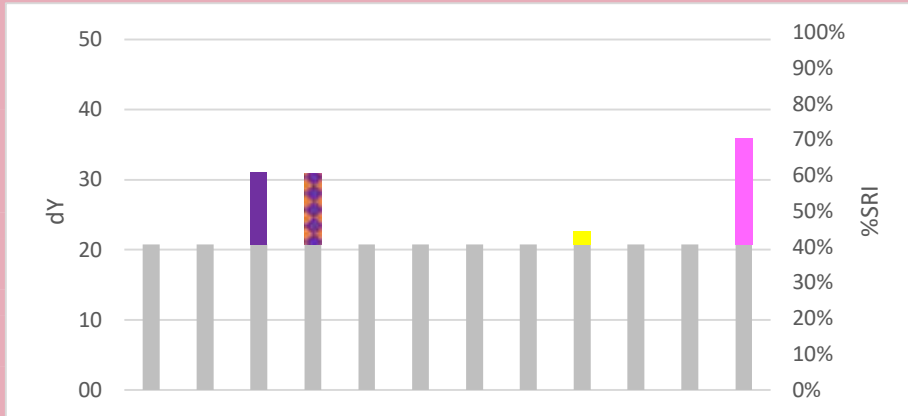
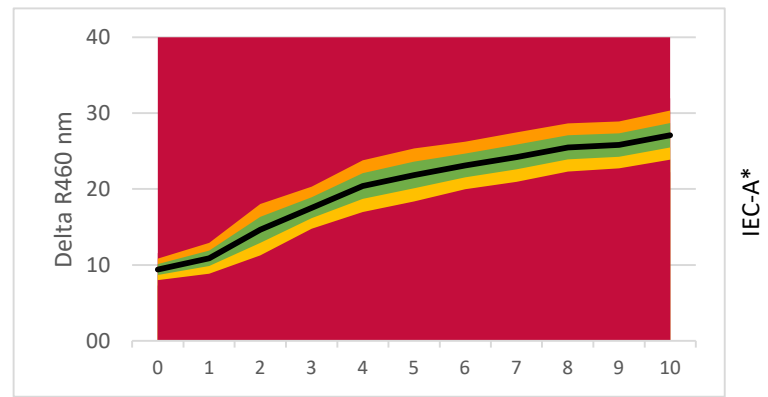
Order Code:	Substrate:	Width:	Yu:
C-S-54	Woven Cotton (CN-17)	45 cm	87,7
KC-S-54	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-54	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-54	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-54	PolyAcryl (PAN-01)	45 cm	89,3
S-S-54	Silk (T-601)	45 cm	83,9
W-S-54	Wool (T-541)	45 cm	67,2
N-S-54	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



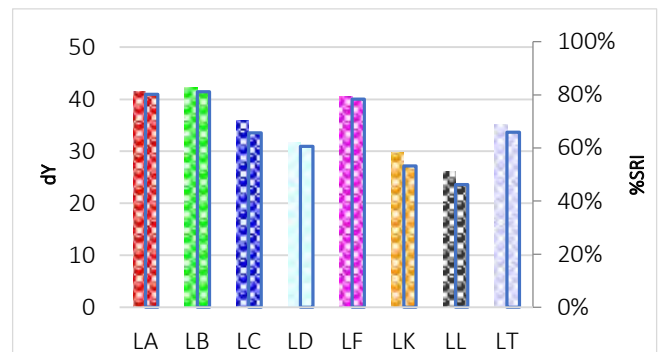
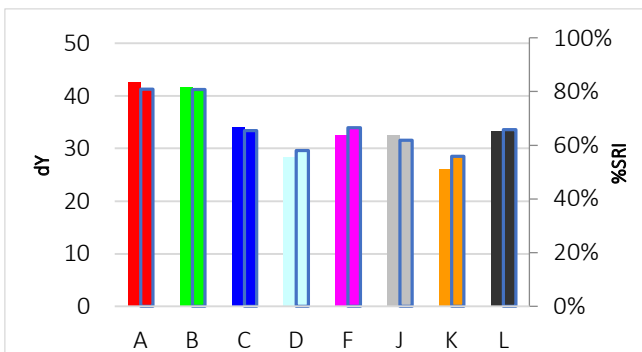
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-55

## Orange juice, aged

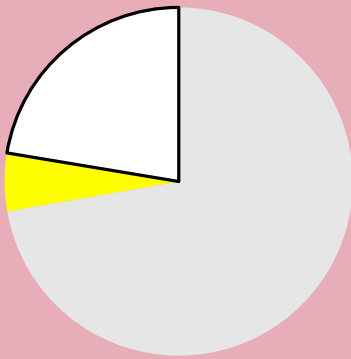


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

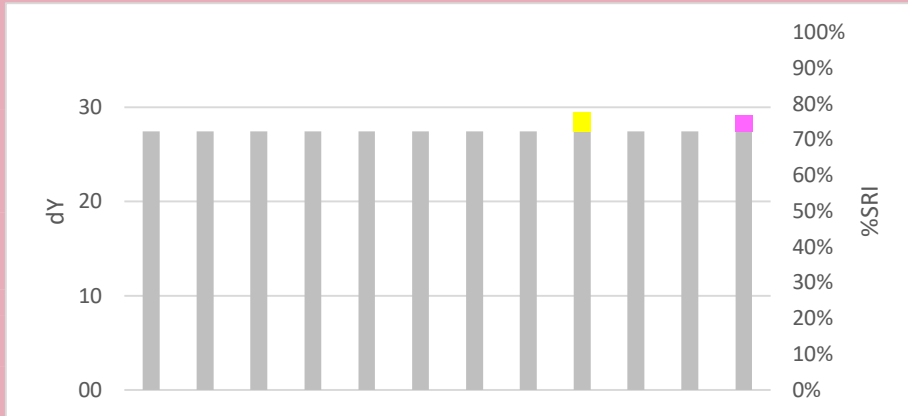
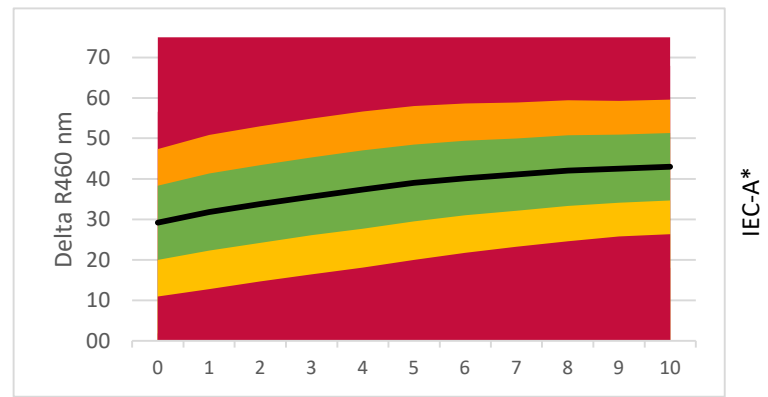
Order Code:	Substrate:	Width:	Yu:
C-S-55	Woven Cotton (CN-17)	45 cm	87,7
KC-S-55	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-55	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-55	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-55	PolyAcryl (PAN-01)	45 cm	89,3
S-S-55	Silk (T-601)	45 cm	83,9
W-S-55	Wool (T-541)	45 cm	67,2
N-S-55	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



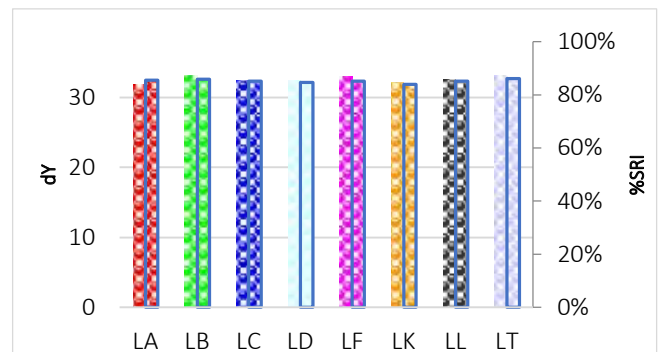
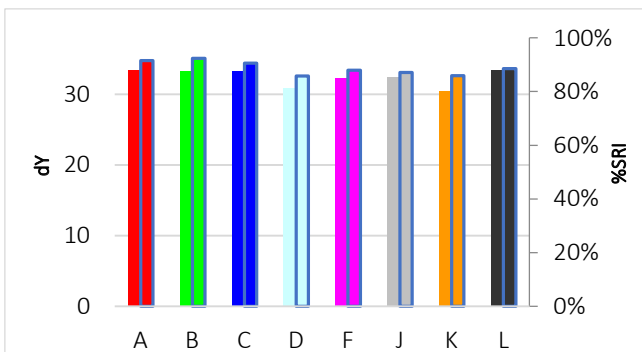
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White checkered]
- Lipase : [Red]
- Pectinase : [Light Blue]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-56

## Coca Cola, aged

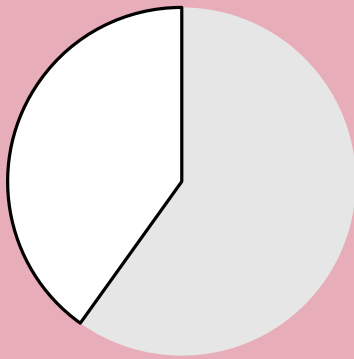


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

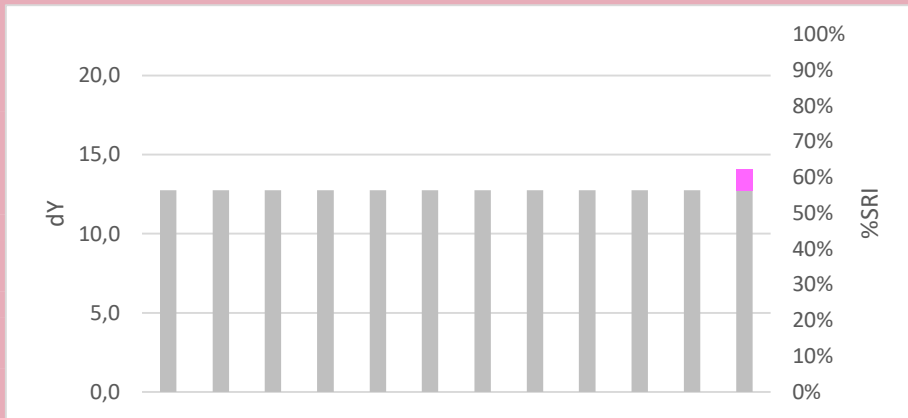
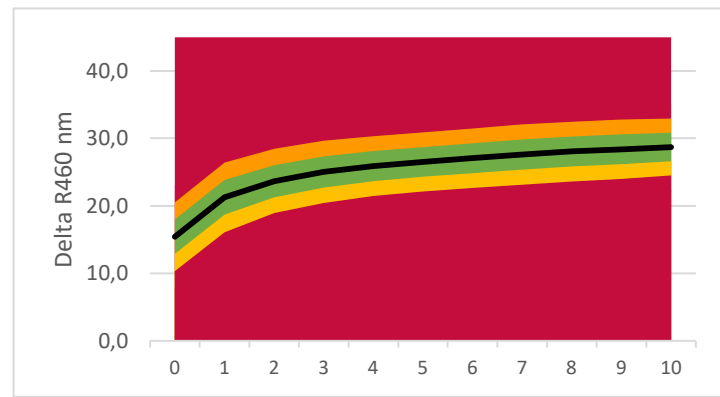
Order Code:	Substrate:	Width:	Yu:
C-S-56	Woven Cotton (CN-11)	45 cm	89,1
KC-S-56	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-56	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-56	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-56	PolyAcryl (PAN-01)	45 cm	89,3
S-S-56	Silk (T-601)	45 cm	83,9
W-S-56	Wool (T-541)	45 cm	67,2
N-S-56	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



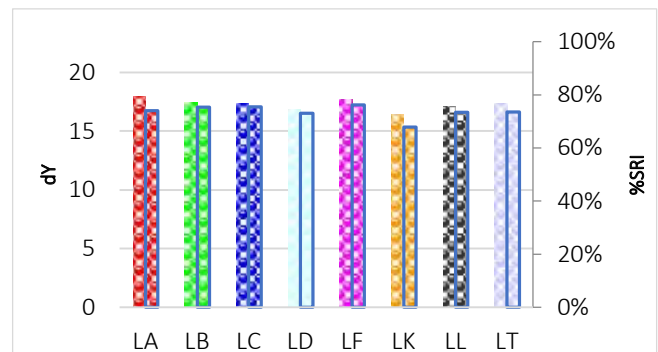
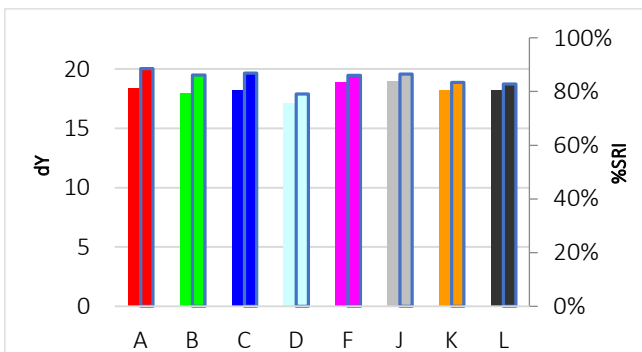
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Light Blue]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-57

## Red beet, aged

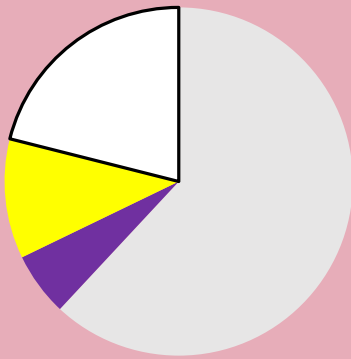


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★☆☆☆☆

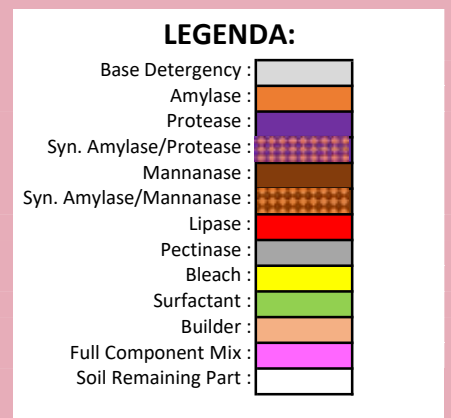
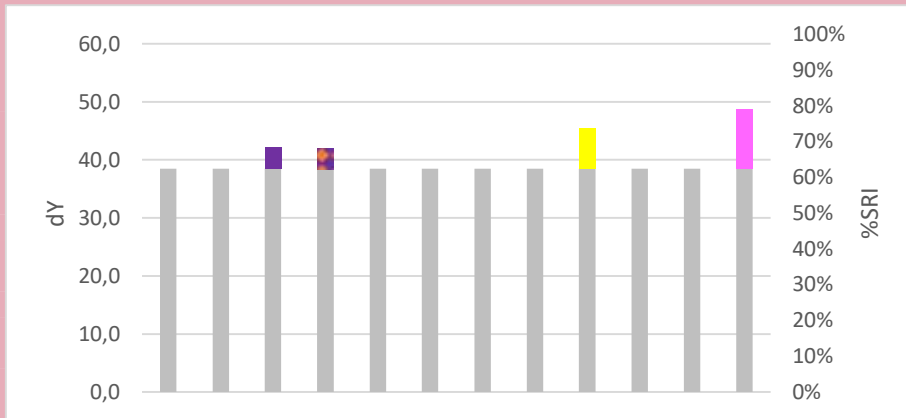
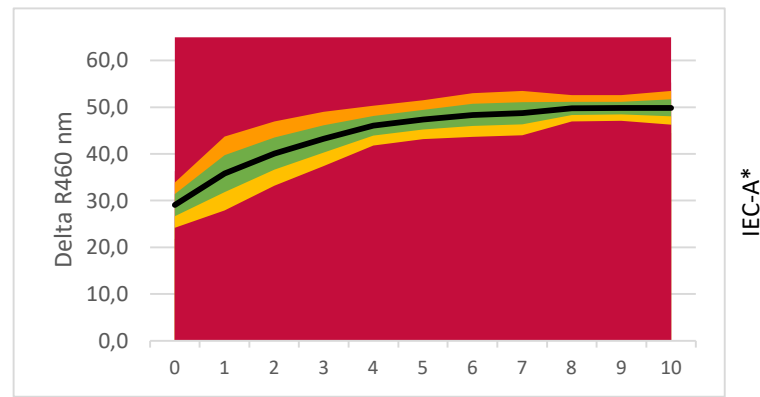
Order Code:	Substrate:	Width:	Yu:
C-S-57	Woven Cotton (CN-17)	90 cm	87,7
KC-S-57	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-57	Polyester/Cotton (PCN-01)	90 cm	87,8
P-S-57	Polyester (PN-01)	90 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-57	PolyAcryl (PAN-01)	45 cm	89,3
S-S-57	Silk (T-601)	45 cm	83,9
W-S-57	Wool (T-541)	45 cm	67,2
N-S-57	Nylon (T-365)	45 cm	87,4

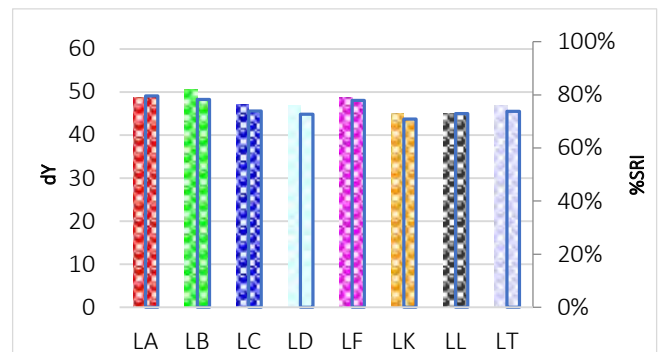
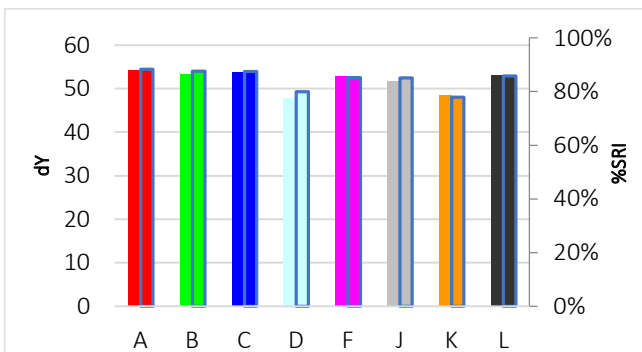
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-58

## Soy sauce, aged



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

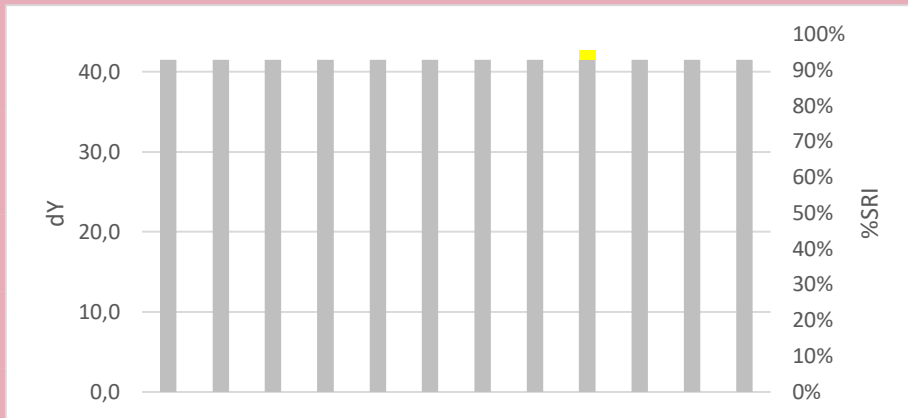
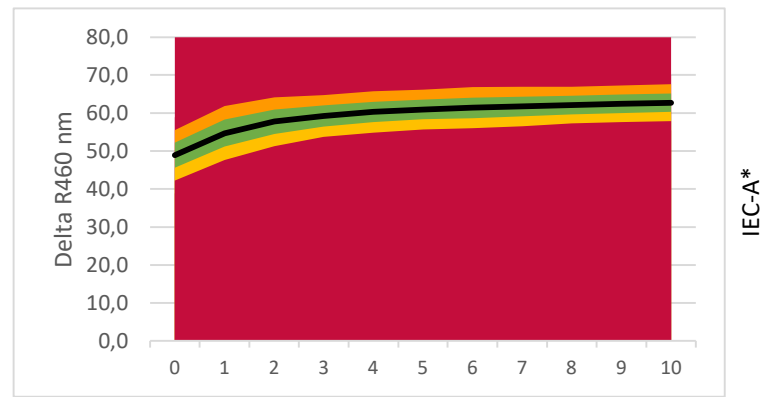
Order Code:	Substrate:	Width:	Yu:
C-S-58	Woven Cotton (CN-11)	45 cm	89,1
KC-S-58	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-58	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-58	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-58	PolyAcryl (PAN-01)	45 cm	89,3
S-S-58	Silk (T-601)	45 cm	83,9
W-S-58	Wool (T-541)	45 cm	67,2
N-S-58	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



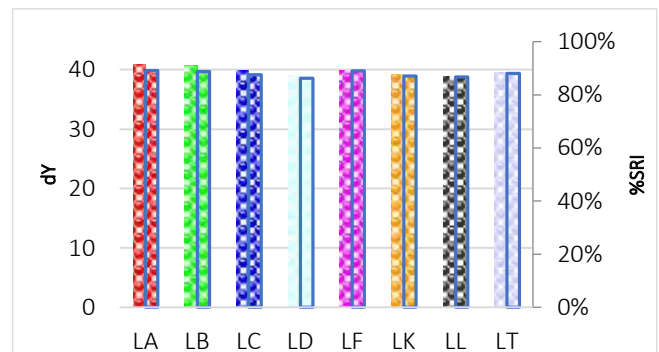
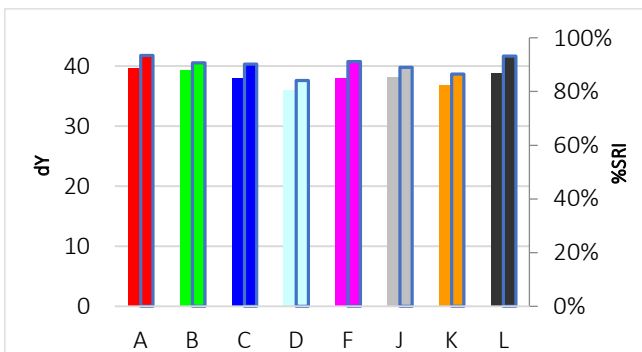
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red and white checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Orange and white checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison





# C-S-59

## Asian food stain



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

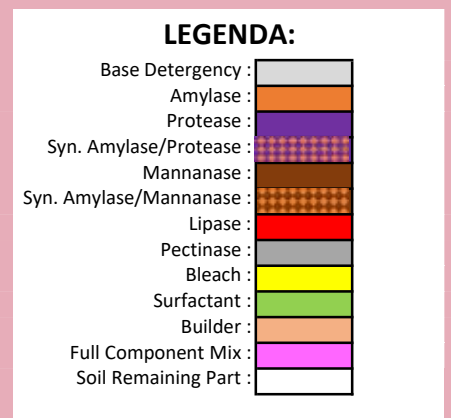
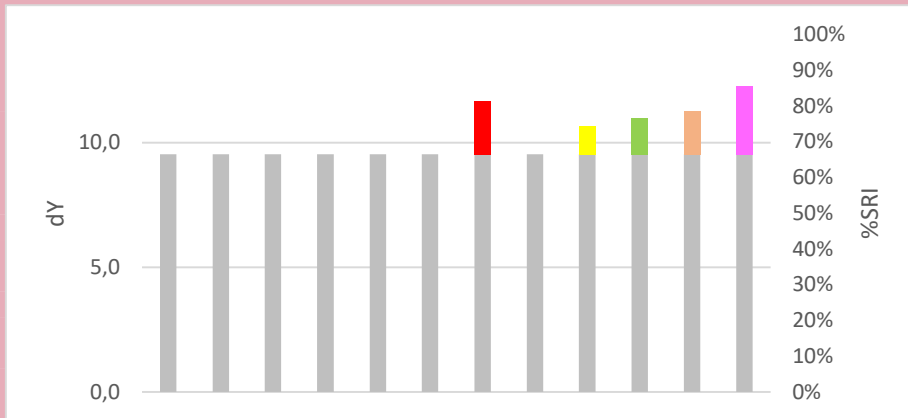
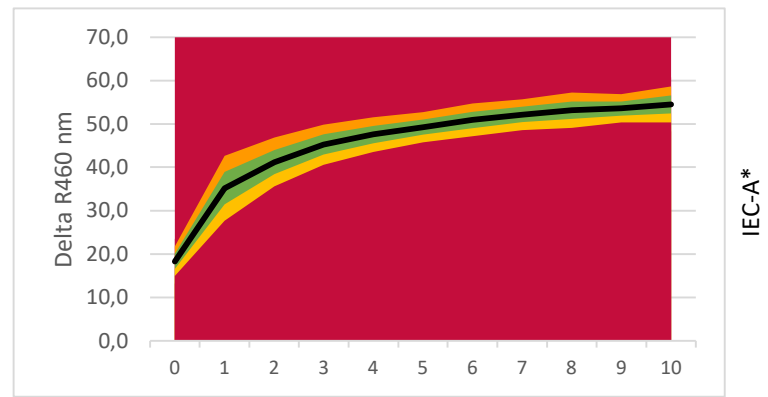
Order Code:	Substrate:	Width:	Yu:
C-S-59	Woven Cotton (CN-17)	45 cm	87,7
KC-S-59	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-59	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-59	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-59	PolyAcryl (PAN-01)	45 cm	89,3
S-S-59	Silk (T-601)	45 cm	83,9
W-S-59	Wool (T-541)	45 cm	67,2
N-S-59	Nylon (T-365)	45 cm	87,4

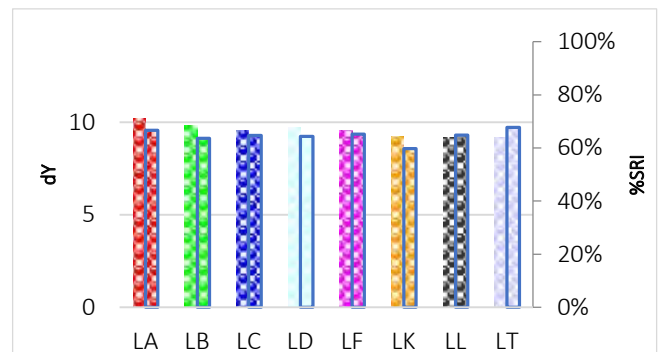
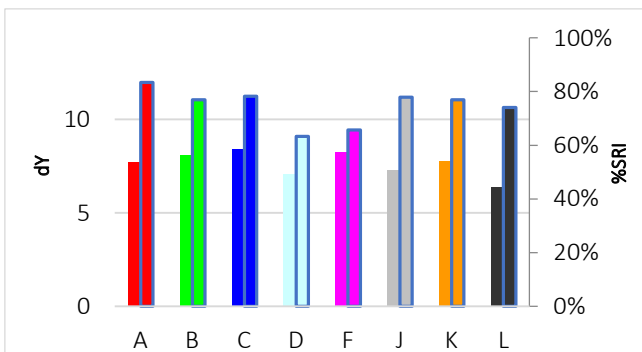
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-60

## Spaghetti sauce with beef

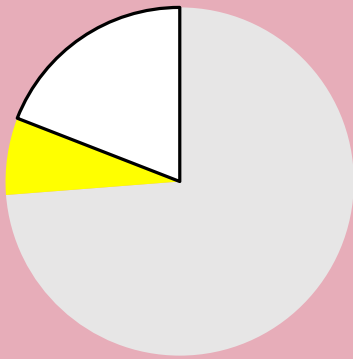


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

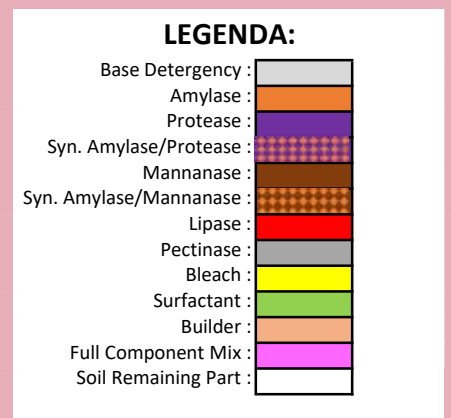
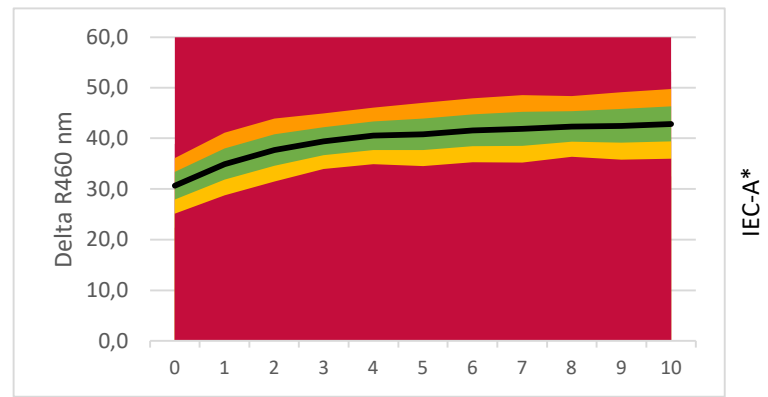
Order Code:	Substrate:	Width:	Yu:
C-S-60	Woven Cotton (CN-17)	45 cm	87,7
KC-S-60	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-60	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-60	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-60	PolyAcryl (PAN-01)	45 cm	89,3
S-S-60	Silk (T-601)	45 cm	83,9
W-S-60	Wool (T-541)	45 cm	67,2
N-S-60	Nylon (T-365)	45 cm	87,4

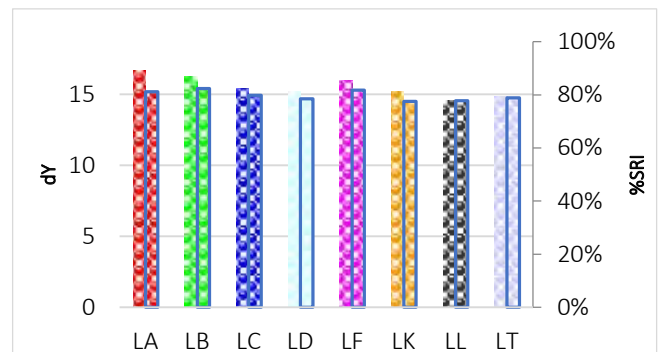
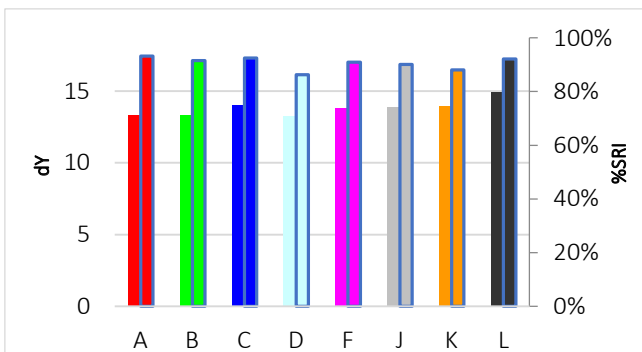
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-61

## Beef fat, coloured with Sudan red

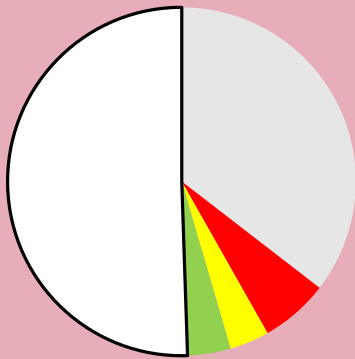


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

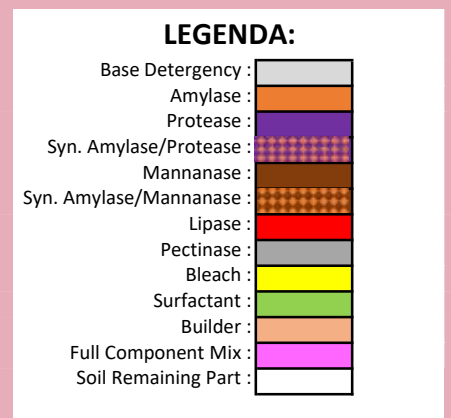
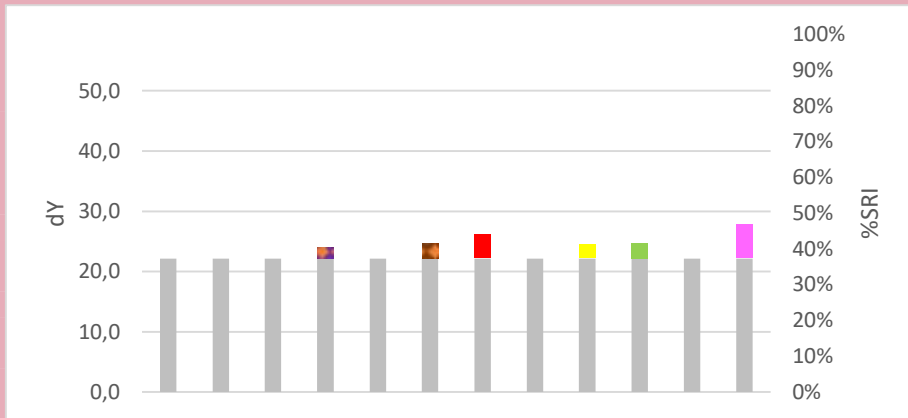
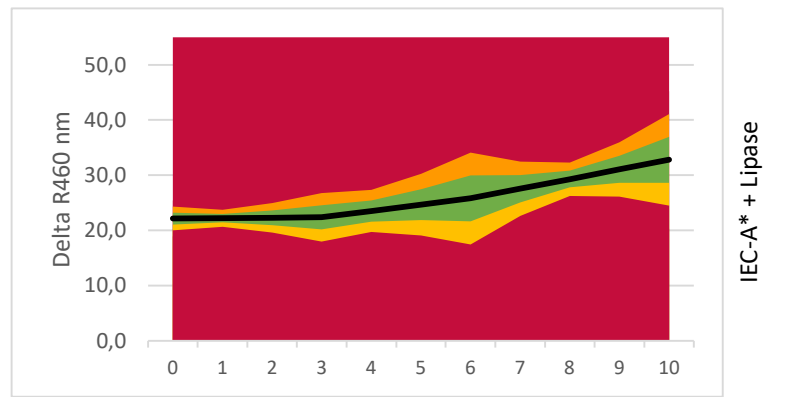
Order Code:	Substrate:	Width:	Yu:
C-S-61	Woven Cotton (CN-11)	45 cm	89,1
KC-S-61	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-61	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-61	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-61	PolyAcryl (PAN-01)	45 cm	89,3
S-S-61	Silk (T-601)	45 cm	83,9
W-S-61	Wool (T-541)	45 cm	67,2
N-S-61	Nylon (T-365)	45 cm	87,4

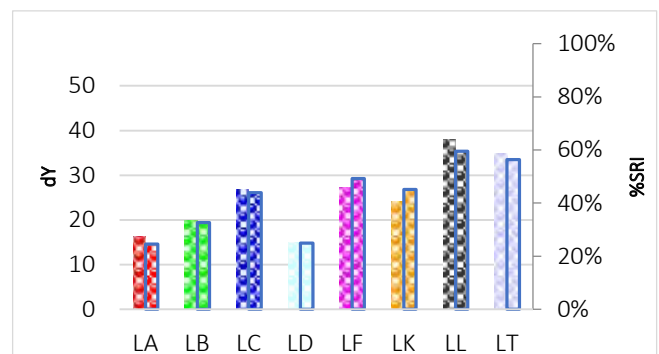
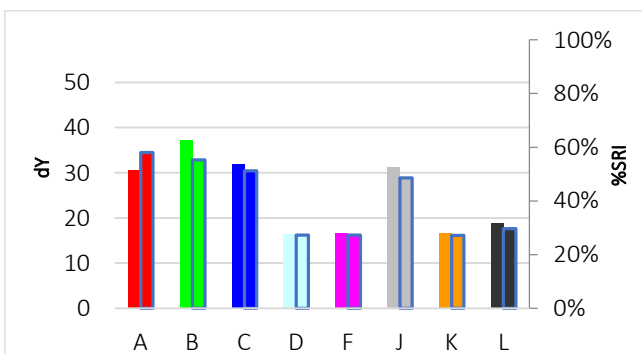
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-61B

## Beef fat, coloured with violet dye

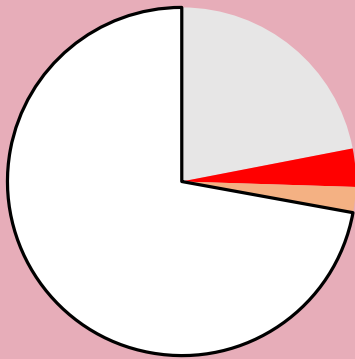


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

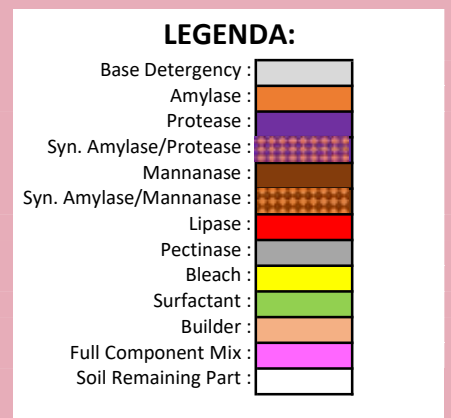
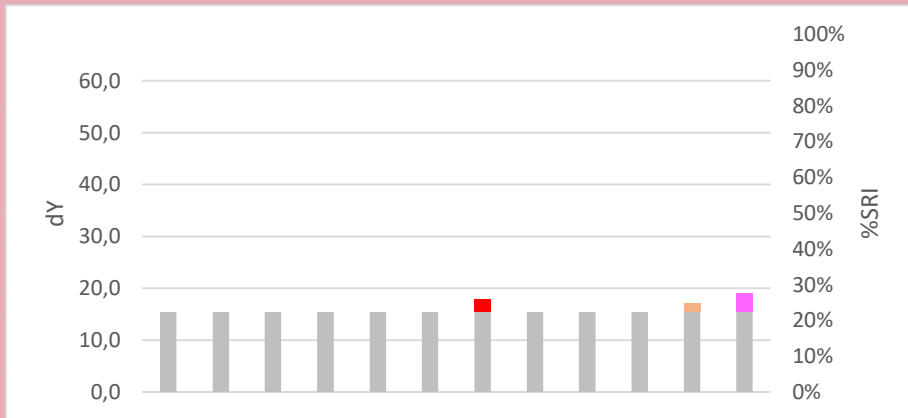
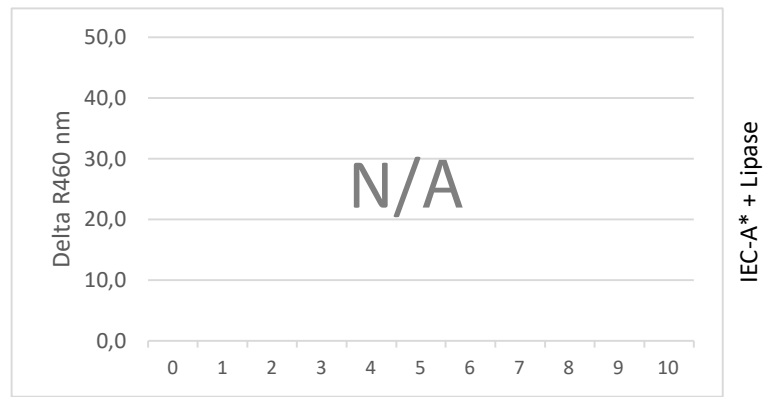
Order Code:	Substrate:	Width:	Yu:
C-S-61B	Woven Cotton (CN-11)	45 cm	89,1
KC-S-61B	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-61B	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-61B	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-61B	PolyAcryl (PAN-01)	45 cm	89,3
S-S-61B	Silk (T-601)	45 cm	83,9
W-S-61B	Wool (T-541)	45 cm	67,2
N-S-61B	Nylon (T-365)	45 cm	87,4

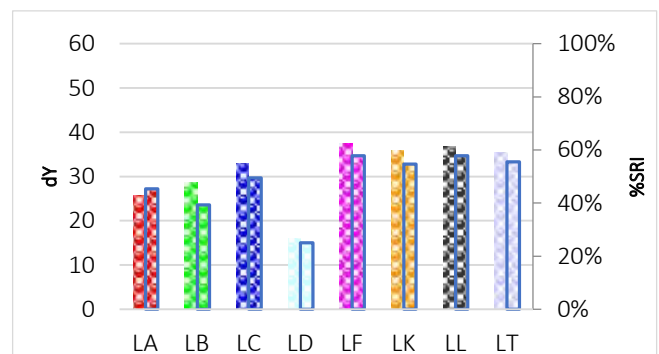
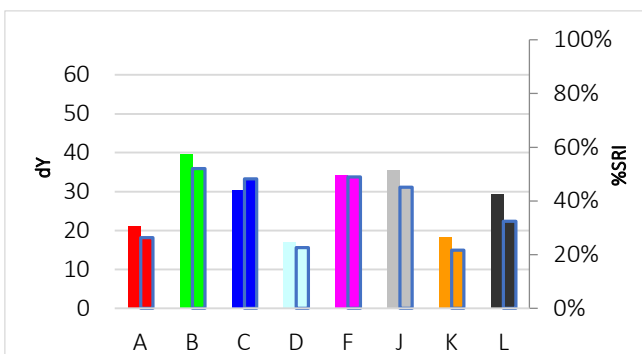
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-61X

**Beef fat, coloured with safe food colourant**

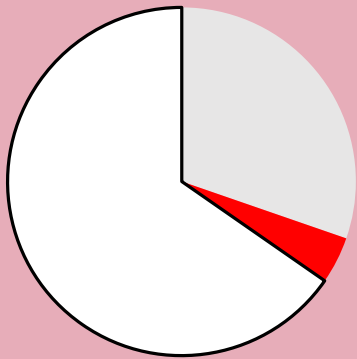


**Discriminative Power:** ★ ★ ★ ★ ★  
**Reproducibility Ratio:** ★ ★ ★ ★ ★  
**Reliability Ratio:** ★ ★ ★ ★ ★  
**Popularity:** ★ ☆ ☆ ☆ ☆

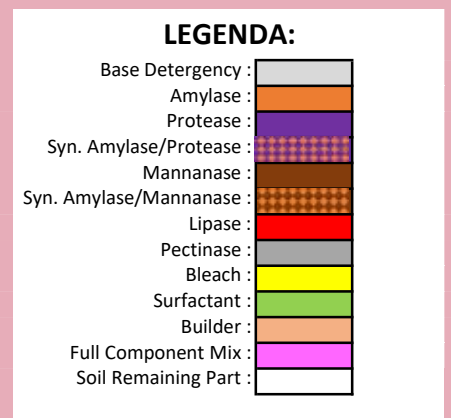
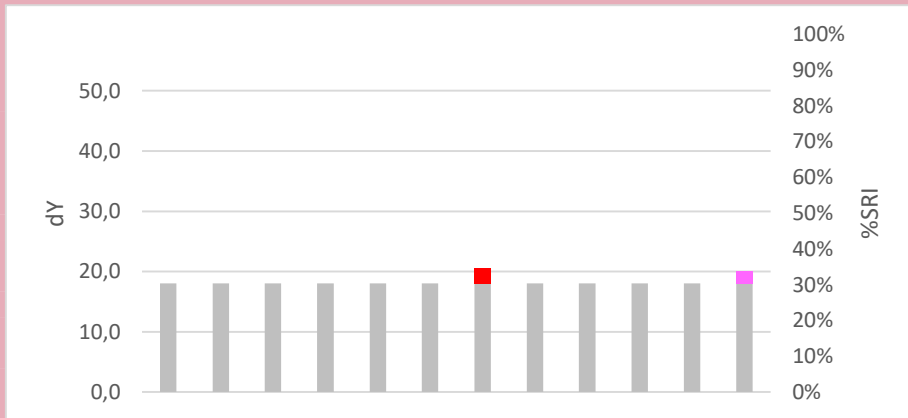
Order Code:	Substrate:	Width:	Yu:
C-S-61X	Woven Cotton (CN-11)	45 cm	89,1
KC-S-61X	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-61X	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-61X	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-61X	PolyAcryl (PAN-01)	45 cm	89,3
S-S-61X	Silk (T-601)	45 cm	83,9
W-S-61X	Wool (T-541)	45 cm	67,2
N-S-61X	Nylon (T-365)	45 cm	87,4

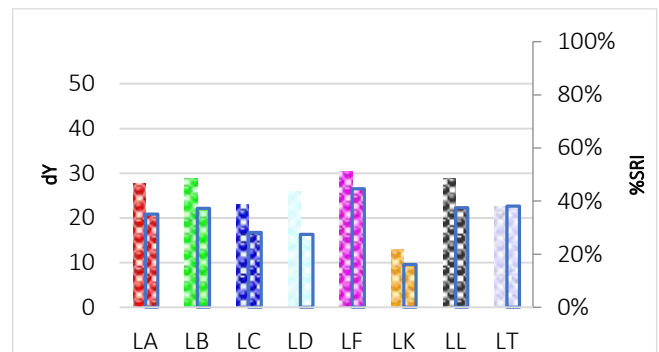
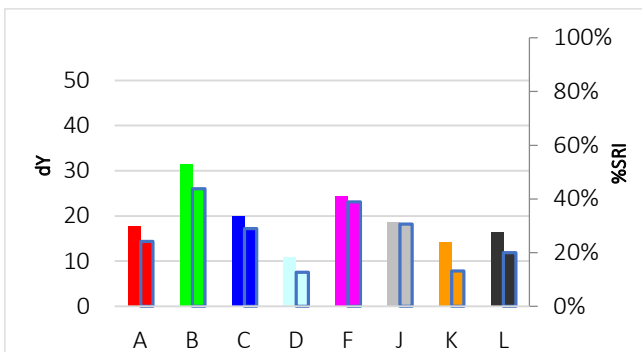
## Detergent Component Response



## Detergent Dosage/Response & QC



## Commercial Detergent Comparison



# C-S-62

## Lard, coloured with Sudan red

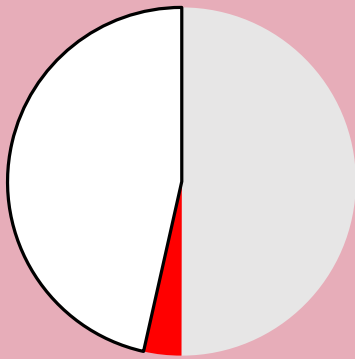


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

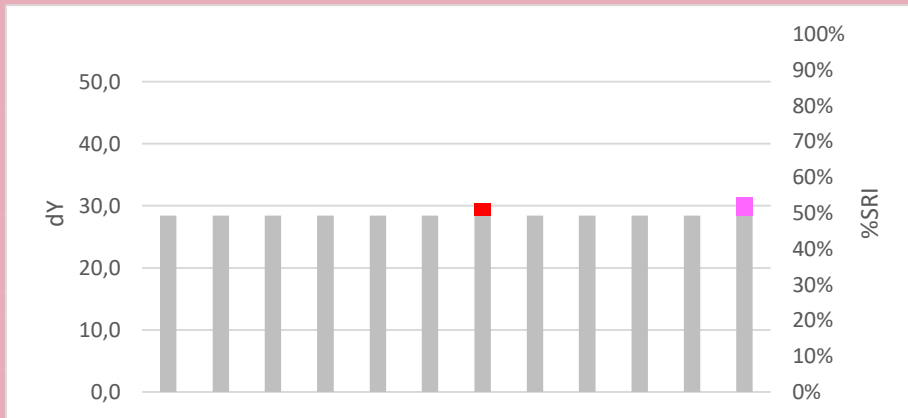
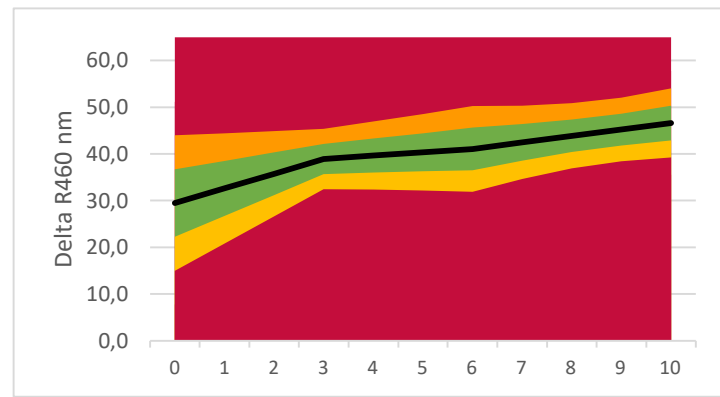
Order Code:	Substrate:	Width:	Yu:
C-S-62	Woven Cotton (CN-11)	45 cm	89,1
KC-S-62	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-62	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-62	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-62	PolyAcryl (PAN-01)	45 cm	89,3
S-S-62	Silk (T-601)	45 cm	83,9
W-S-62	Wool (T-541)	45 cm	67,2
N-S-62	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



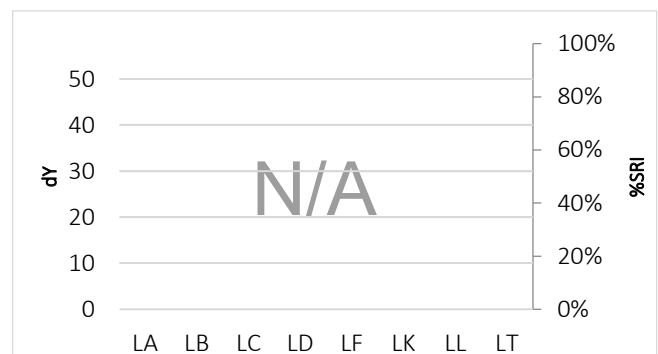
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Red/White checkered]
- Lipase : [Red]
- Pectinase : [Green]
- Bleach : [Yellow]
- Surfactant : [Light Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-62B

Lard, coloured with violet dye

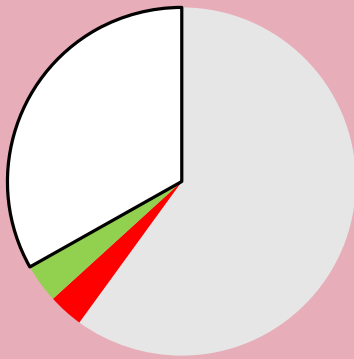


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

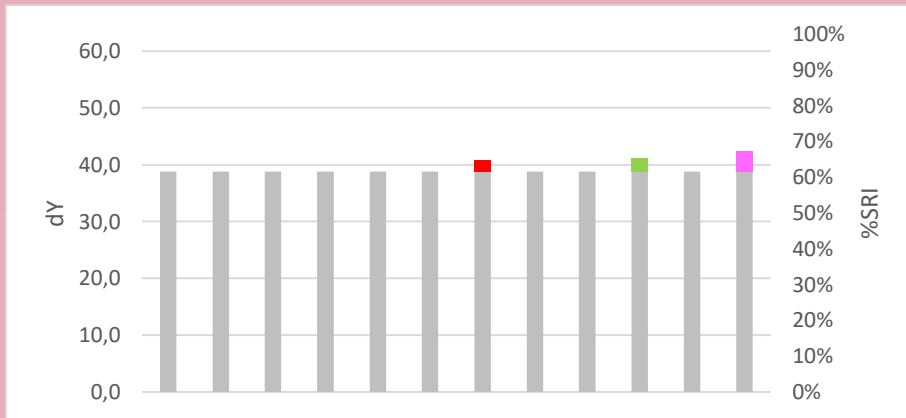
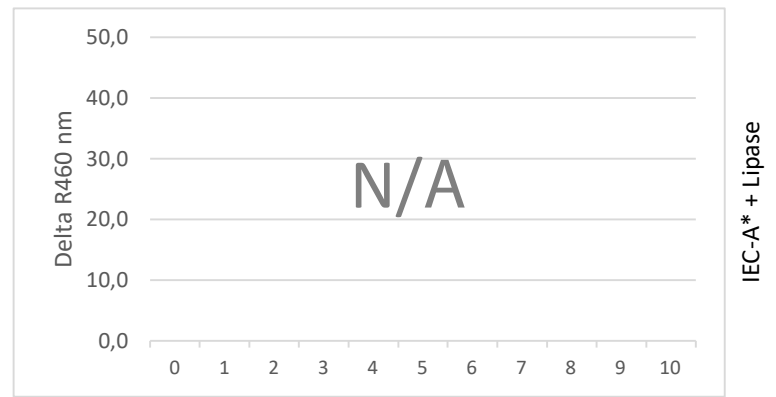
Order Code:	Substrate:	Width:	Yu:
C-S-62B	Woven Cotton (CN-11)	45 cm	89,1
KC-S-62B	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-62B	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-62B	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-62B	PolyAcryl (PAN-01)	45 cm	89,3
S-S-62B	Silk (T-601)	45 cm	83,9
W-S-62B	Wool (T-541)	45 cm	67,2
N-S-62B	Nylon (T-365)	45 cm	87,4

## Detergent Component Response



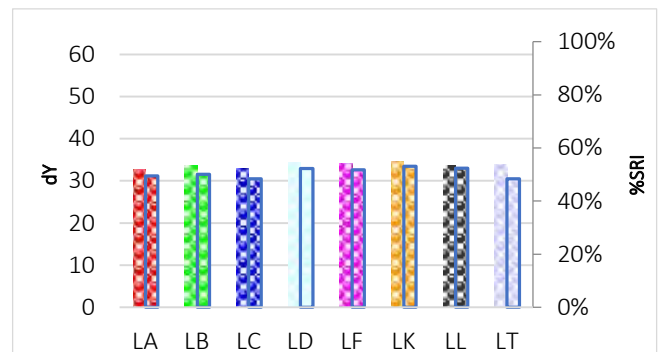
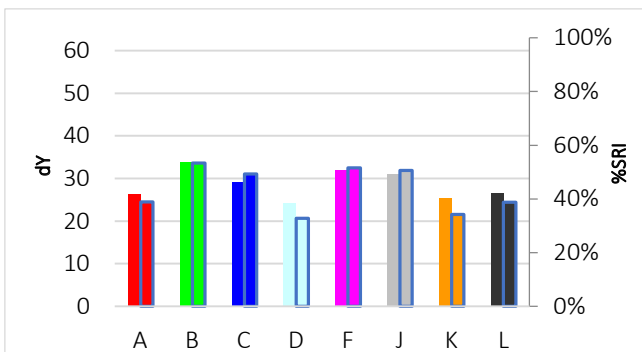
## Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

## Commercial Detergent Comparison



# C-S-62X

## Lard, coloured with safe food colourant

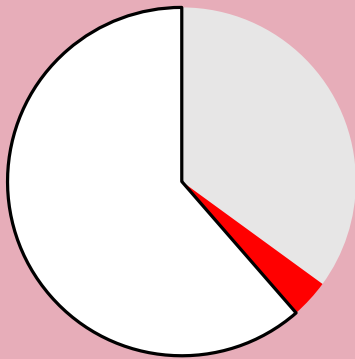


Discriminative Power: ★★★★★  
 Reproducibility Ratio: ★★★★★  
 Reliability Ratio: ★★★★★  
 Popularity: ★☆☆☆☆

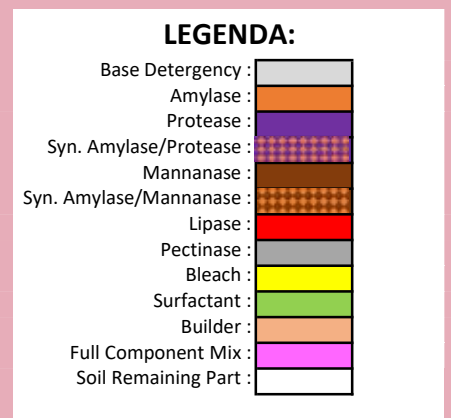
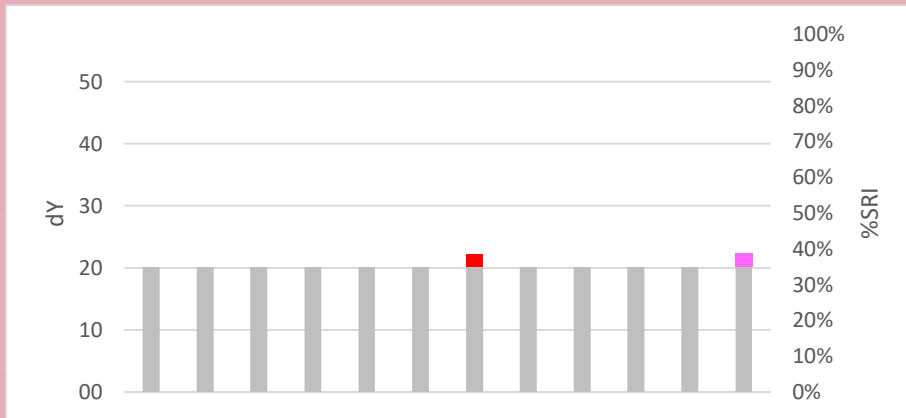
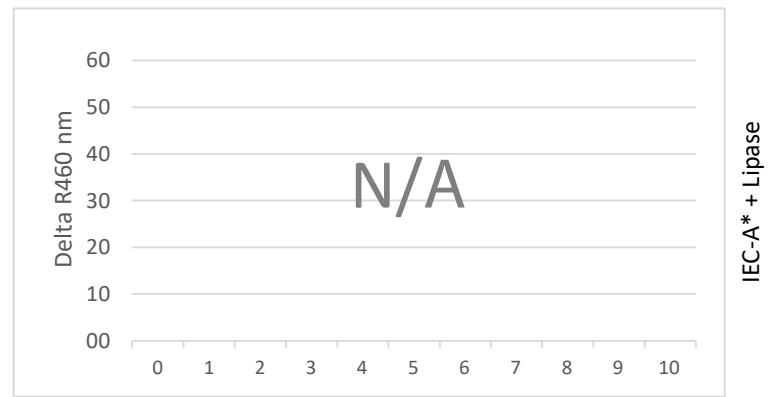
Order Code:	Substrate:	Width:	Yu:
C-S-62X	Woven Cotton (CN-11)	45 cm	89,1
KC-S-62X	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-62X	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-62X	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-62X	PolyAcryl (PAN-01)	45 cm	89,3
S-S-62X	Silk (T-601)	45 cm	83,9
W-S-62X	Wool (T-541)	45 cm	67,2
N-S-62X	Nylon (T-365)	45 cm	87,4

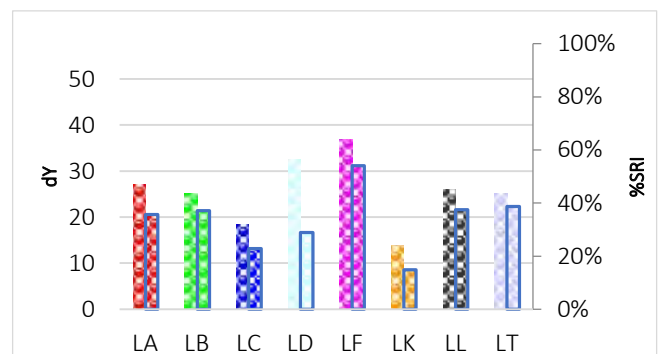
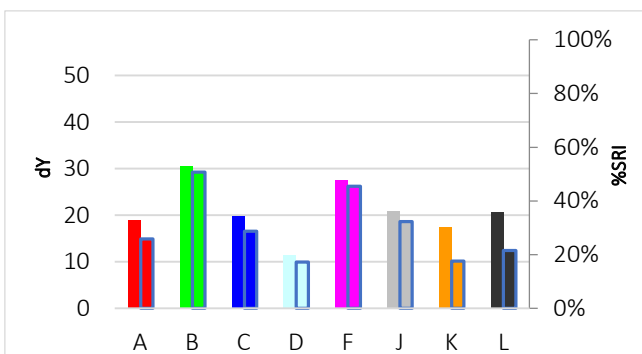
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison





# C-S-64

## Beef fat with carbon black

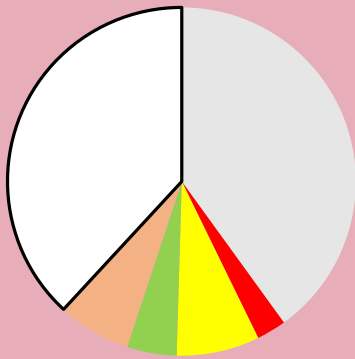


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

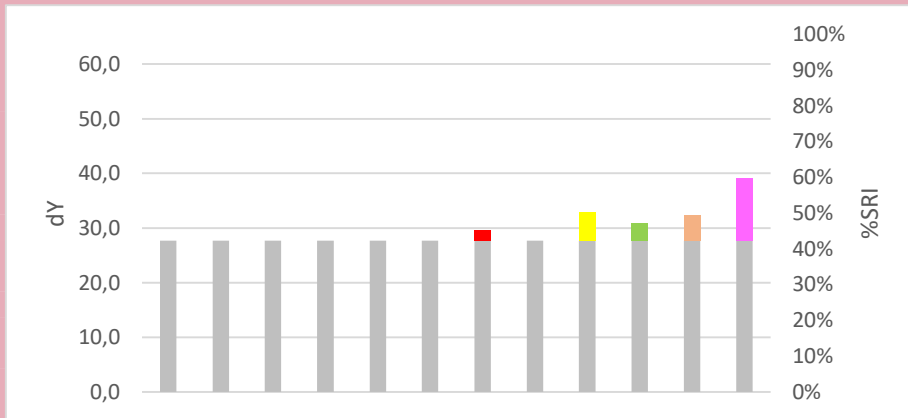
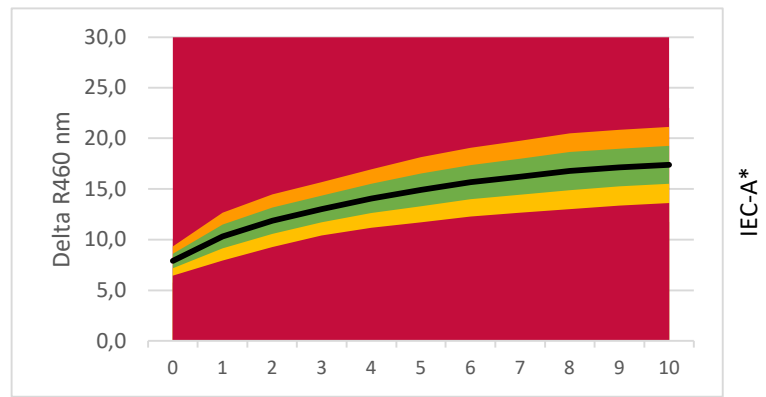
Order Code:	Substrate:	Width:	Yu:
C-S-64	Woven Cotton (CN-17)	45 cm	87,7
KC-S-64	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-64	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-64	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-64	PolyAcryl (PAN-01)	45 cm	89,3
S-S-64	Silk (T-601)	45 cm	83,9
W-S-64	Wool (T-541)	45 cm	67,2
N-S-64	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



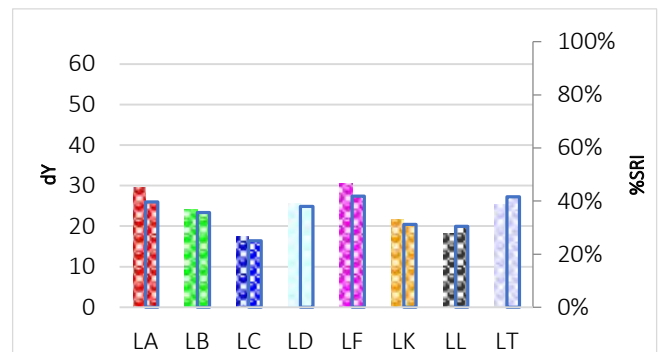
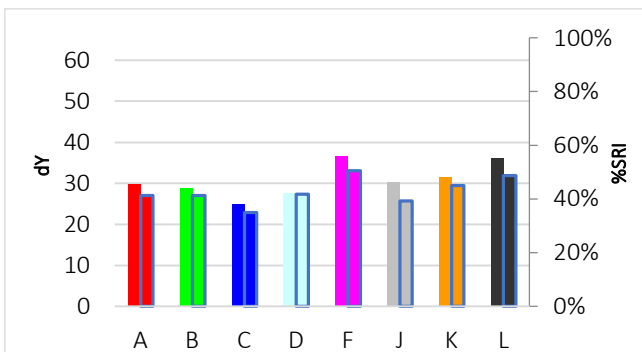
### Detergent Dosage/Response & QC



**LEGENDA:**

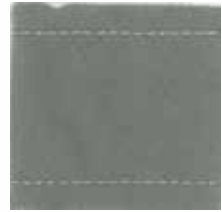
- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-65

## Dirty Motor Oil (DMO)

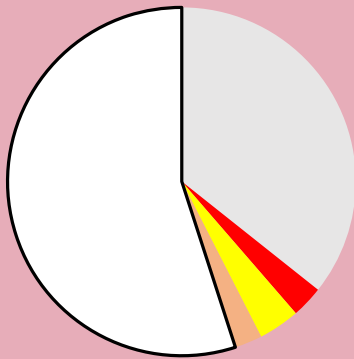


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

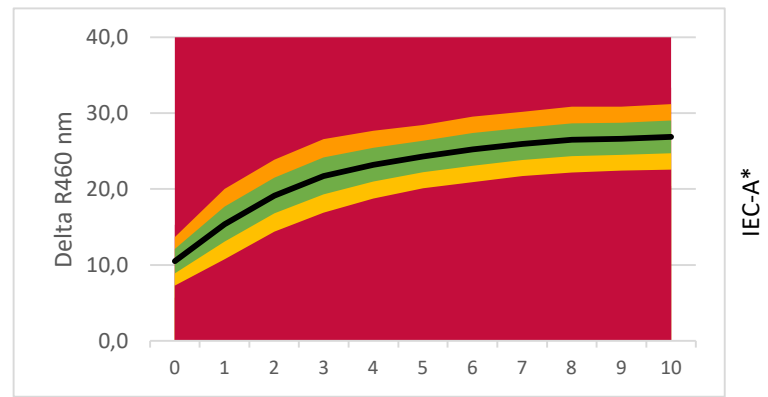
Order Code:	Substrate:	Width:	Yu:
C-S-65	Woven Cotton (CN-17)	45 cm	87,7
KC-S-65	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-65	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-65	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-65	PolyAcryl (PAN-01)	45 cm	89,3
S-S-65	Silk (T-601)	45 cm	83,9
W-S-65	Wool (T-541)	45 cm	67,2
N-S-65	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



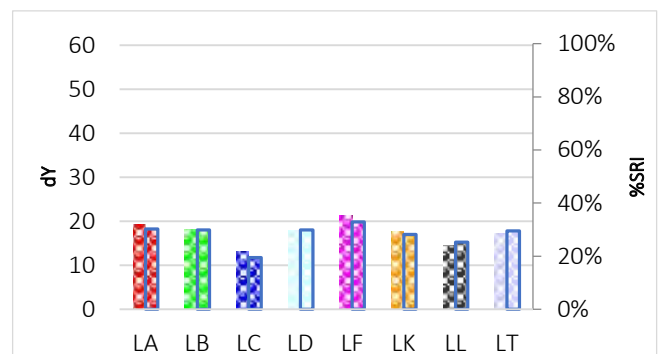
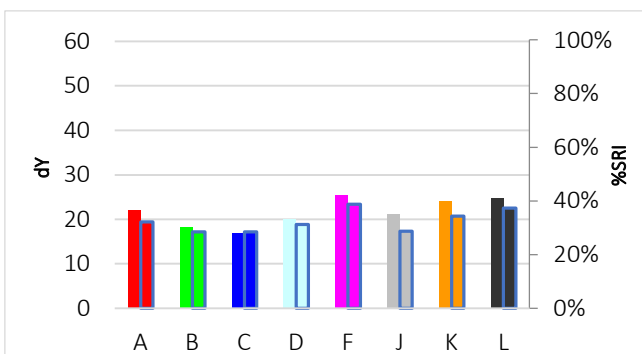
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-66

## Lanoline with carbon black

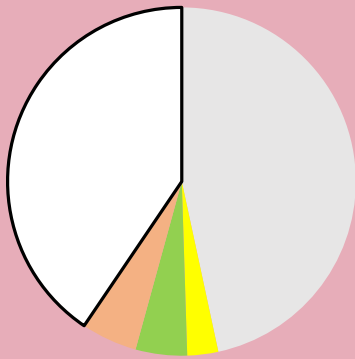


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

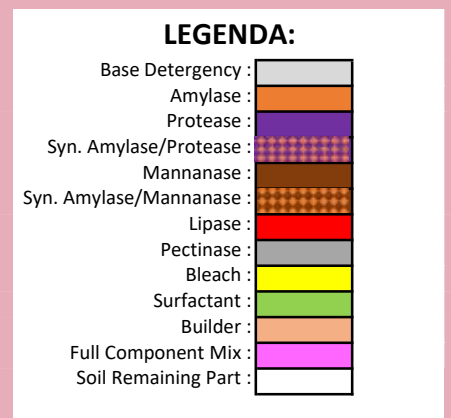
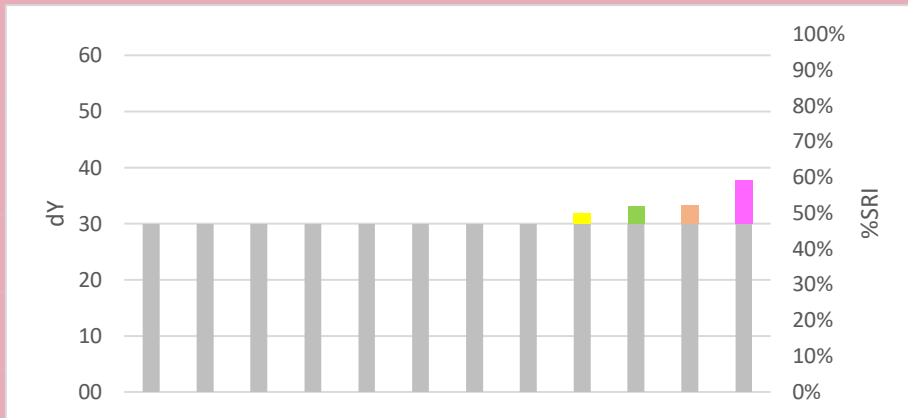
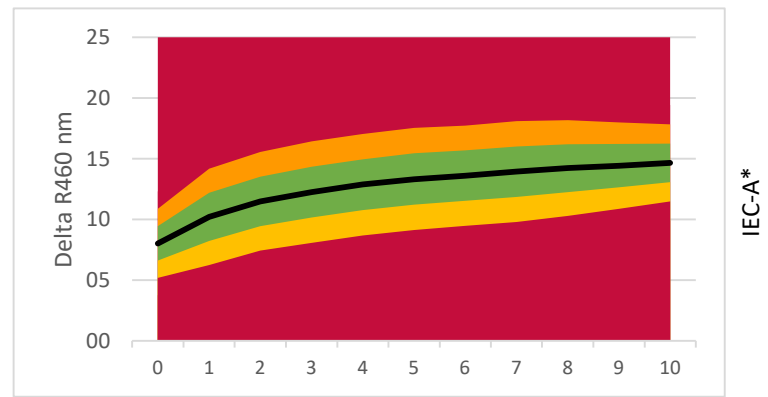
Order Code:	Substrate:	Width:	Yu:
C-S-66	Woven Cotton (CN-17)	45 cm	87,7
KC-S-66	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-66	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-66	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-66	PolyAcryl (PAN-01)	45 cm	89,3
S-S-66	Silk (T-601)	45 cm	83,9
W-S-66	Wool (T-541)	45 cm	67,2
N-S-66	Nylon (T-365)	45 cm	87,4

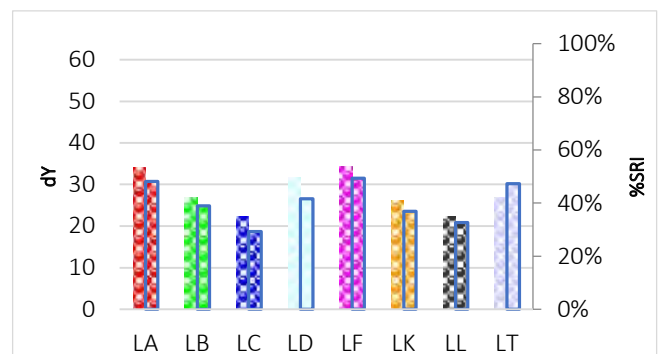
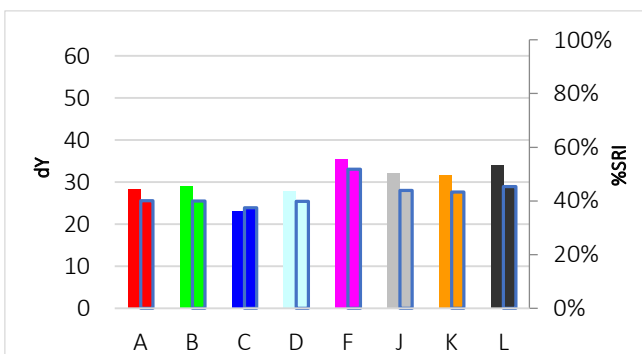
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-67

## Mustard

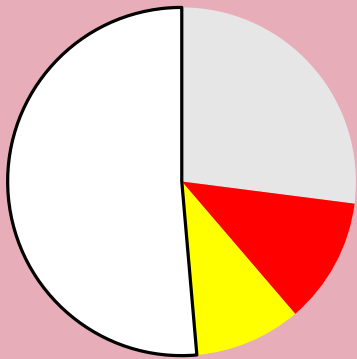


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

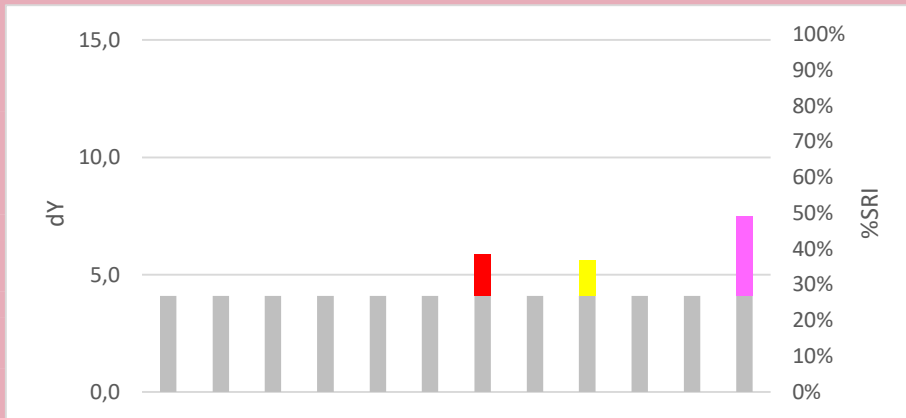
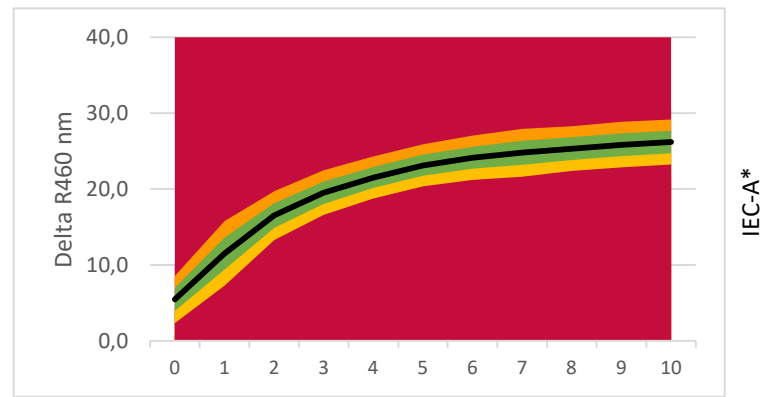
Order Code:	Substrate:	Width:	Yu:
C-S-67	Woven Cotton (CN-17)	45 cm	87,7
KC-S-67	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-67	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-67	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-67	PolyAcryl (PAN-01)	45 cm	89,3
S-S-67	Silk (T-601)	45 cm	83,9
W-S-67	Wool (T-541)	45 cm	67,2
N-S-67	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



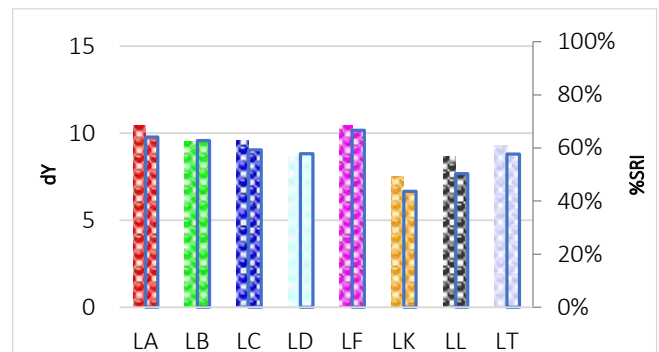
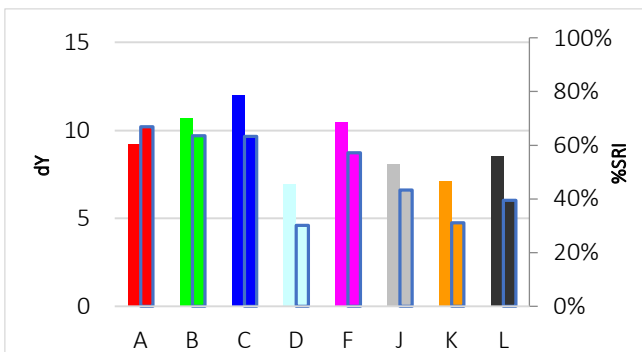
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red/White checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Orange/White checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light Blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-S-68

## Chocolate ice cream, aged

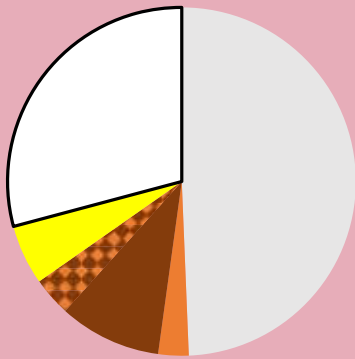


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

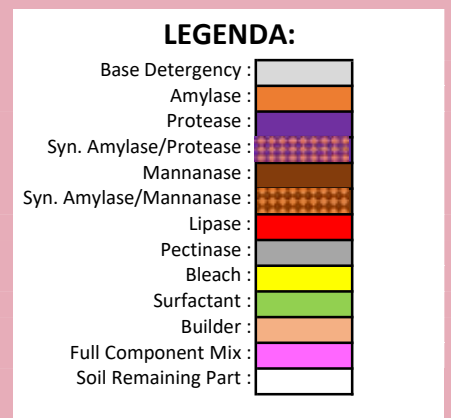
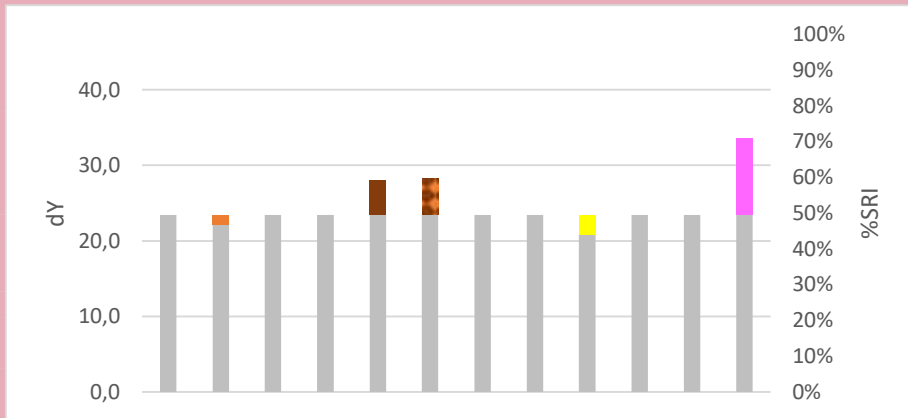
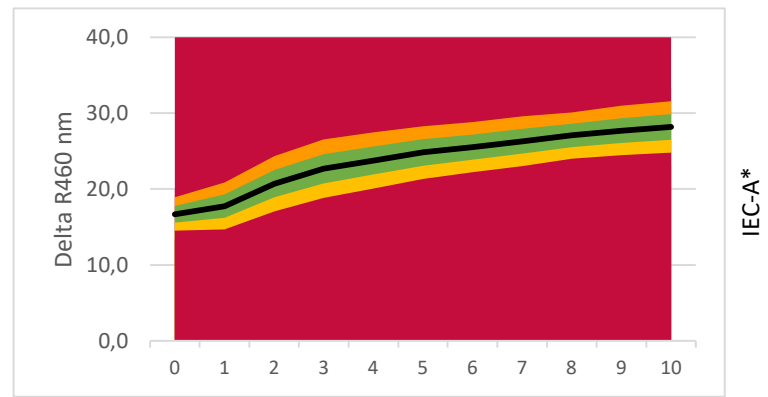
Order Code:	Substrate:	Width:	Yu:
C-S-68	Woven Cotton (CN-17)	45 cm	87,7
KC-S-68	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-68	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-68	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-68	PolyAcryl (PAN-01)	45 cm	89,3
S-S-68	Silk (T-601)	45 cm	83,9
W-S-68	Wool (T-541)	45 cm	67,2
N-S-68	Nylon (T-365)	45 cm	87,4

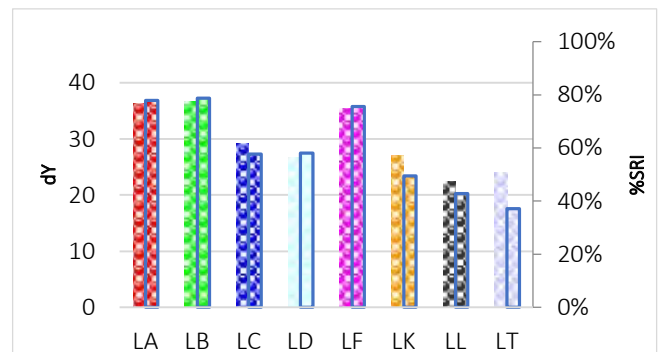
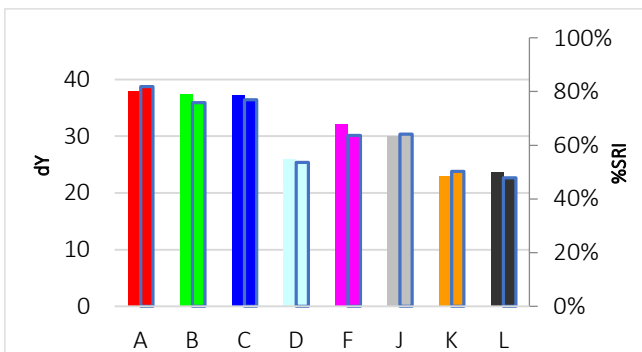
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-69

## Chocolate pudding

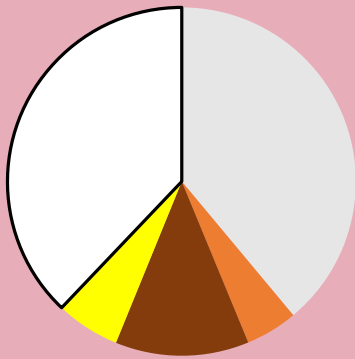


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

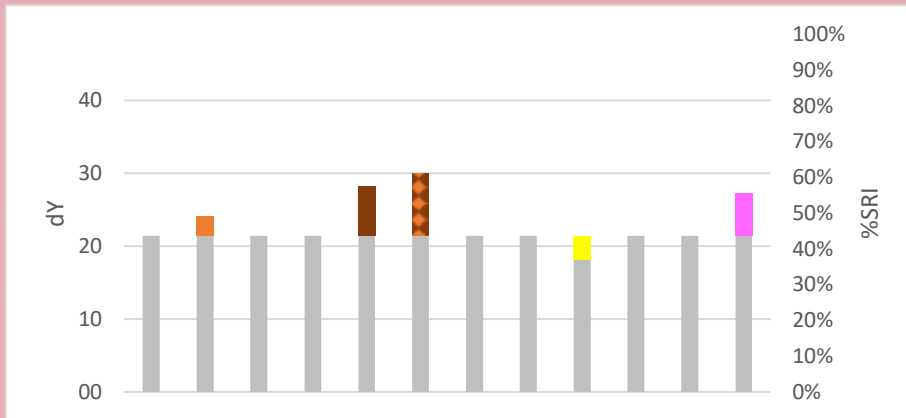
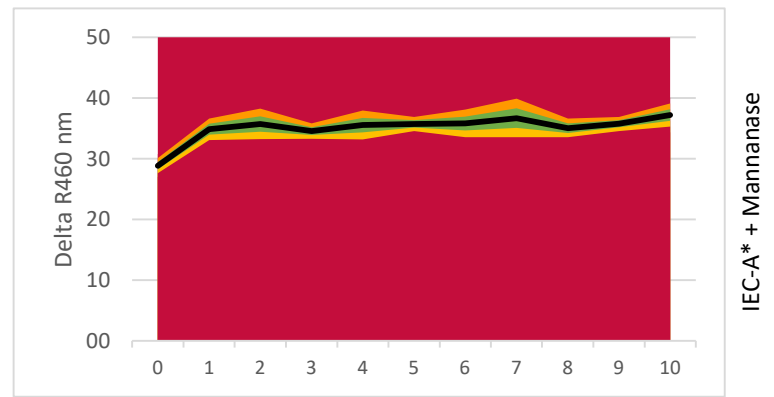
Order Code:	Substrate:	Width:	Yu:
C-S-69	Woven Cotton (CN-17)	45 cm	87,7
KC-S-69	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-69	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-69	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-69	PolyAcryl (PAN-01)	45 cm	89,3
S-S-69	Silk (T-601)	45 cm	83,9
W-S-69	Wool (T-541)	45 cm	67,2
N-S-69	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



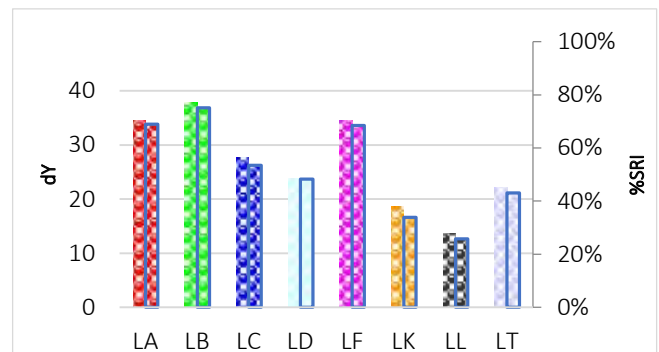
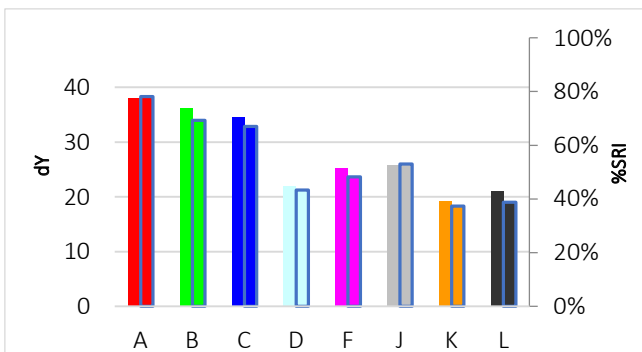
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [Light Grey]

### Commercial Detergent Comparison



# C-S-70

## Chocolate mousse

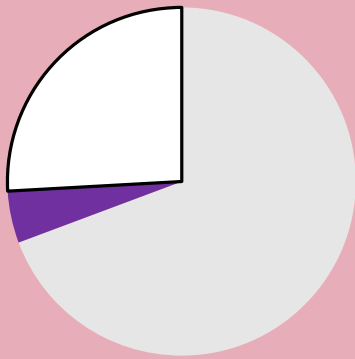


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

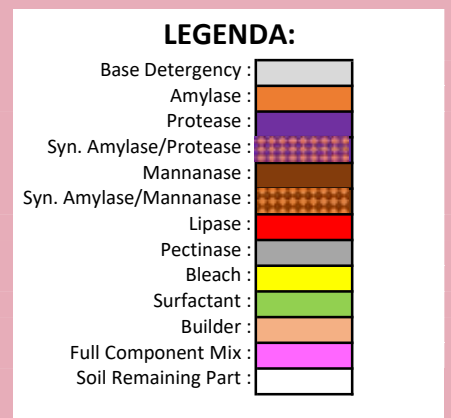
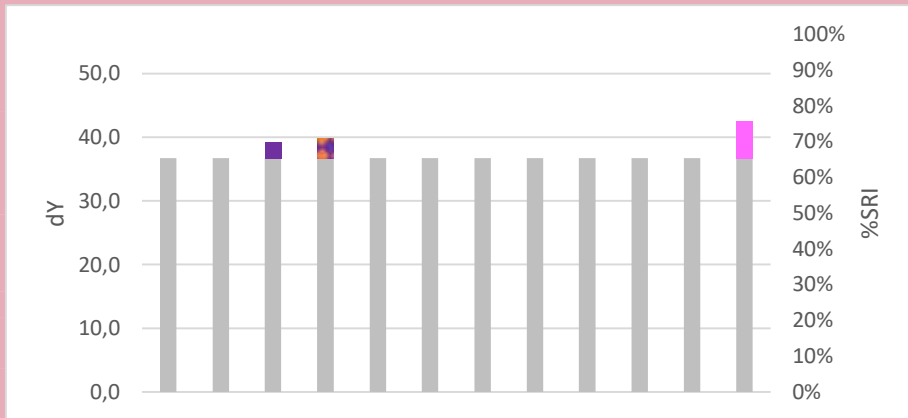
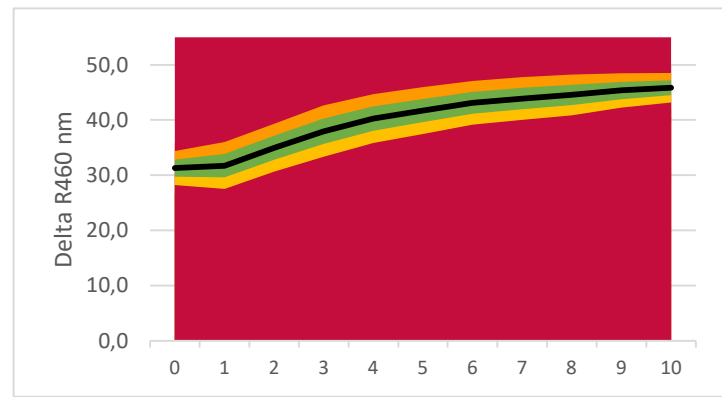
Order Code:	Substrate:	Width:	Yu:
C-S-70	Woven Cotton (CN-17)	45 cm	87,7
KC-S-70	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-70	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-70	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-70	PolyAcryl (PAN-01)	45 cm	89,3
S-S-70	Silk (T-601)	45 cm	83,9
W-S-70	Wool (T-541)	45 cm	67,2
N-S-70	Nylon (T-365)	45 cm	87,4

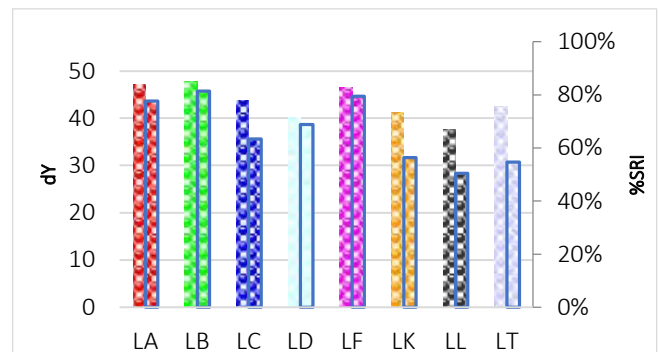
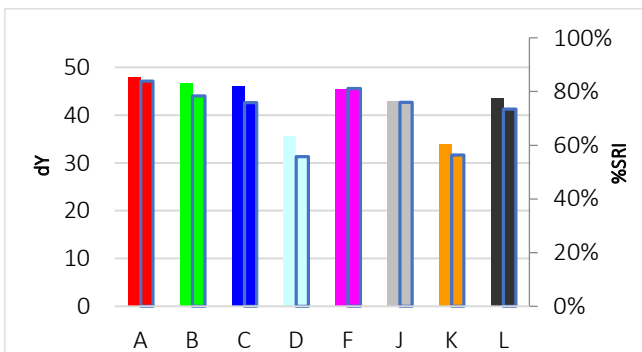
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-170

## Chocolate mousse, aged

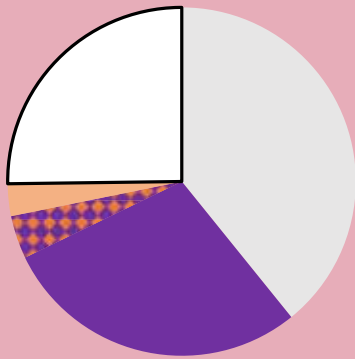


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

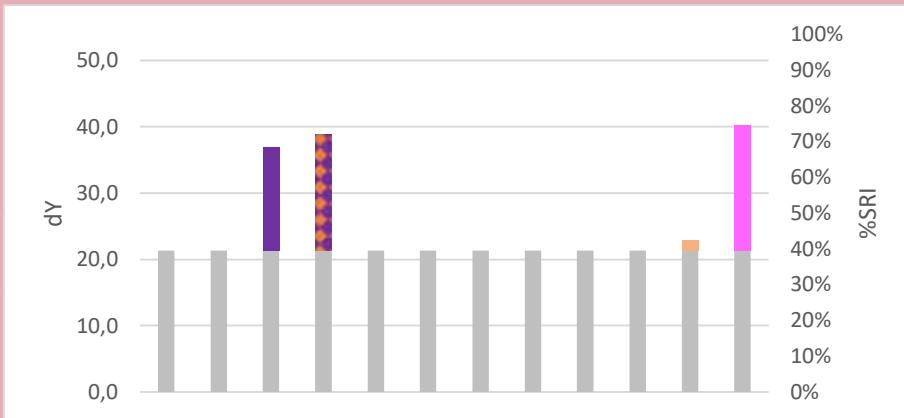
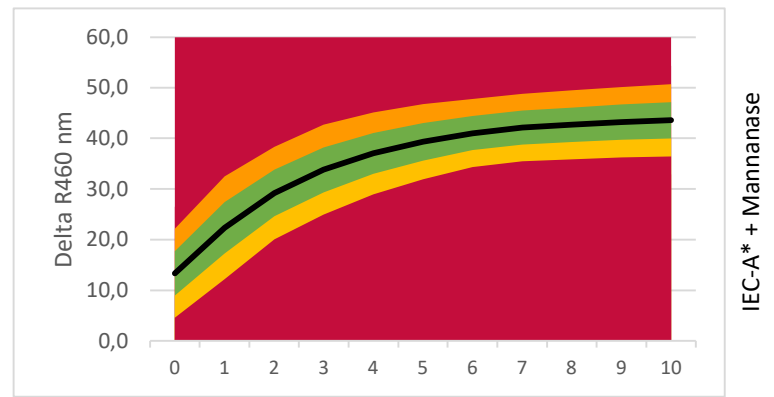
Order Code:	Substrate:	Width:	Yu:
C-S-170	Woven Cotton (CN-11)	45 cm	89,1
KC-S-170	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-170	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-170	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-170	PolyAcryl (PAN-01)	45 cm	89,3
S-S-170	Silk (T-601)	45 cm	83,9
W-S-170	Wool (T-541)	45 cm	67,2
N-S-170	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



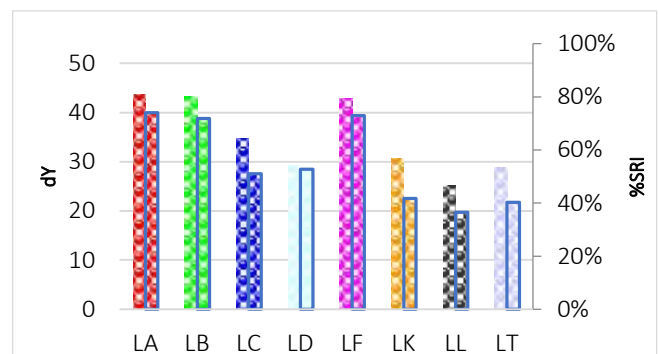
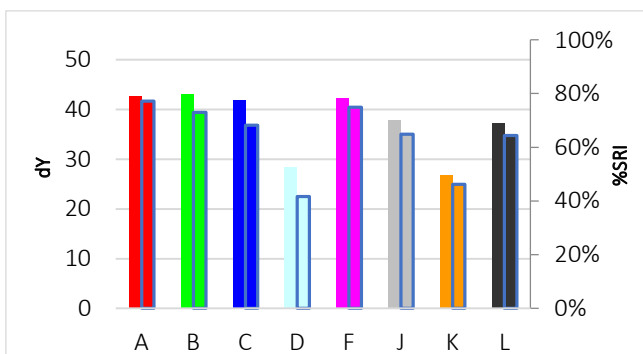
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison





# C-S-71

## Strawberry ice cream

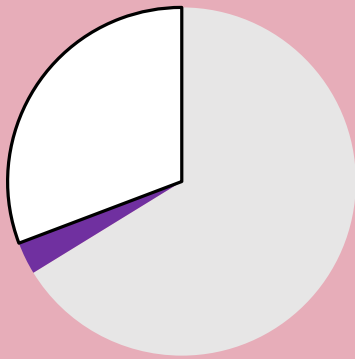


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★☆☆  
**Popularity:** ★★☆☆☆

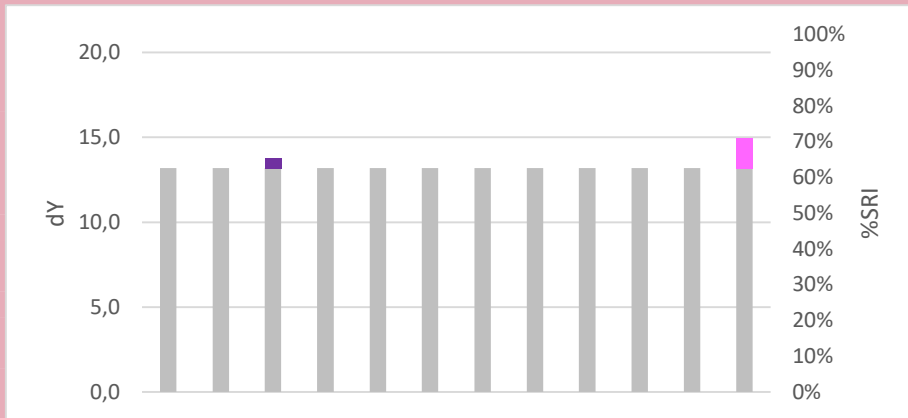
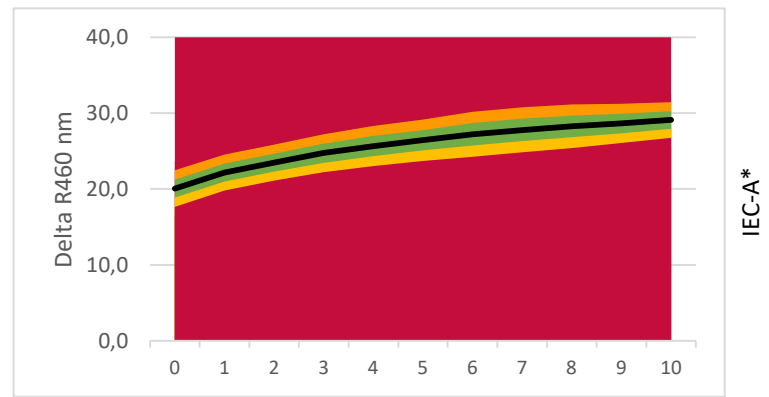
Order Code:	Substrate:	Width:	Yu:
C-S-71	Woven Cotton (CN-17)	45 cm	87,7
KC-S-71	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-71	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-71	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-71	PolyAcryl (PAN-01)	45 cm	89,3
S-S-71	Silk (T-601)	45 cm	83,9
W-S-71	Wool (T-541)	45 cm	67,2
N-S-71	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



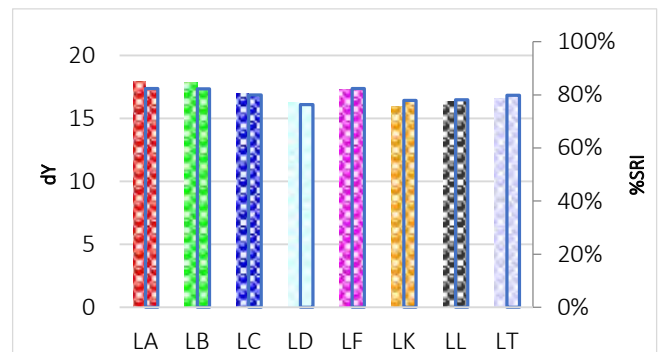
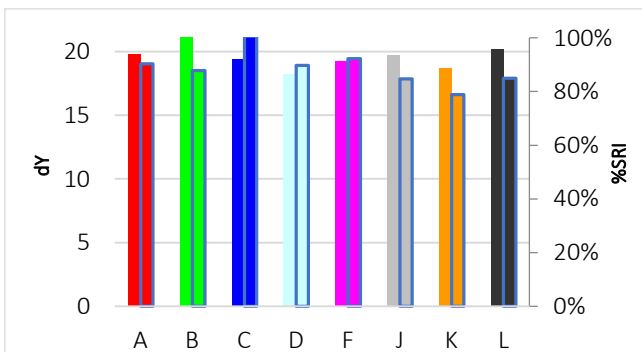
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red/White checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Orange/White checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-S-72

## Forest fruit ice cream

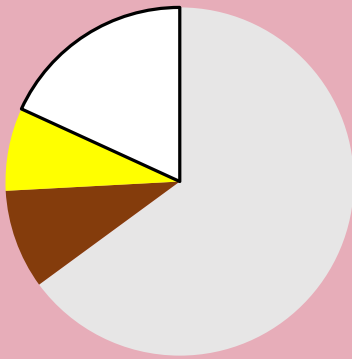


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★☆☆

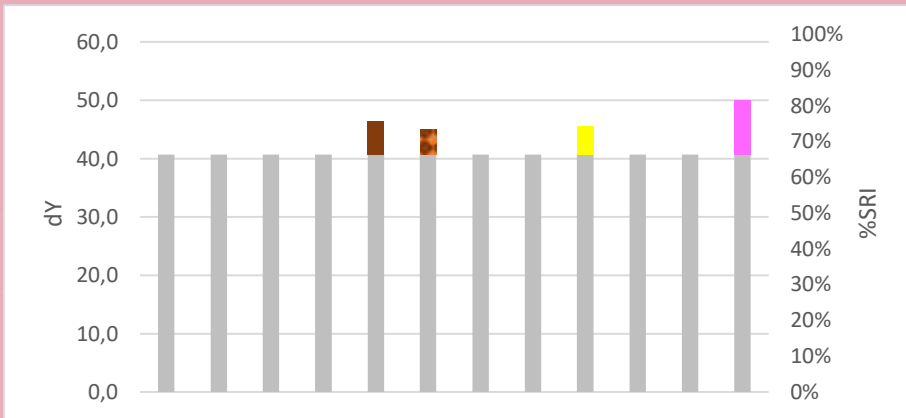
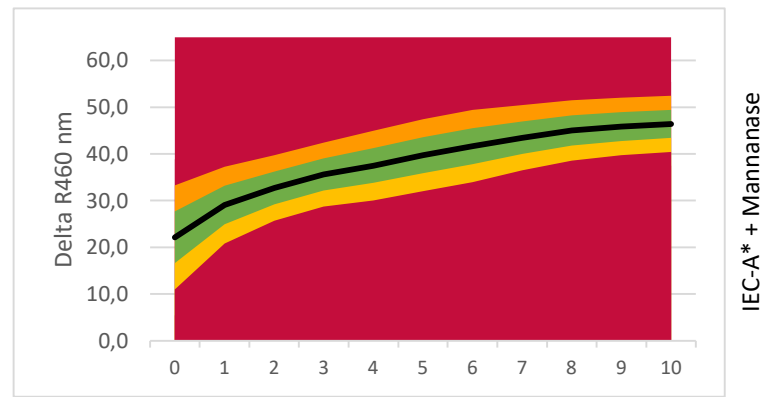
Order Code:	Substrate:	Width:	Yu:
C-S-72	Woven Cotton (CN-17)	45 cm	87,7
KC-S-72	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-72	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-72	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-72	PolyAcryl (PAN-01)	45 cm	89,3
S-S-72	Silk (T-601)	45 cm	83,9
W-S-72	Wool (T-541)	45 cm	67,2
N-S-72	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



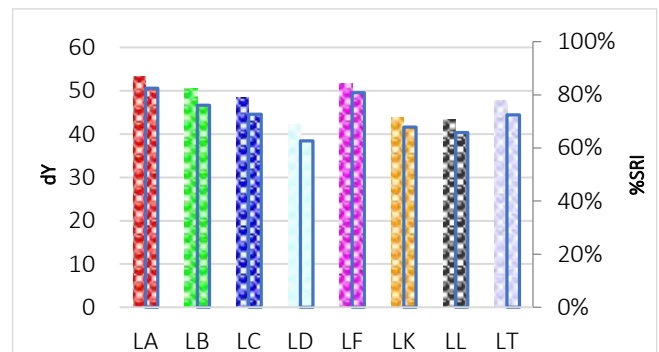
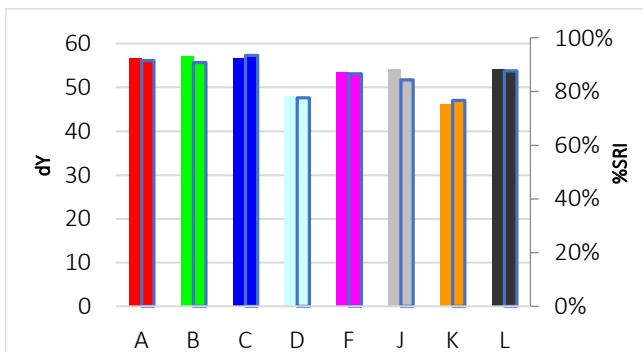
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-73

## Locustbeangum with pigment

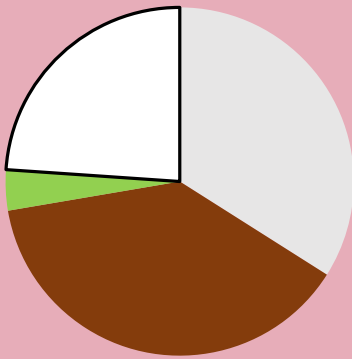


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★★★★

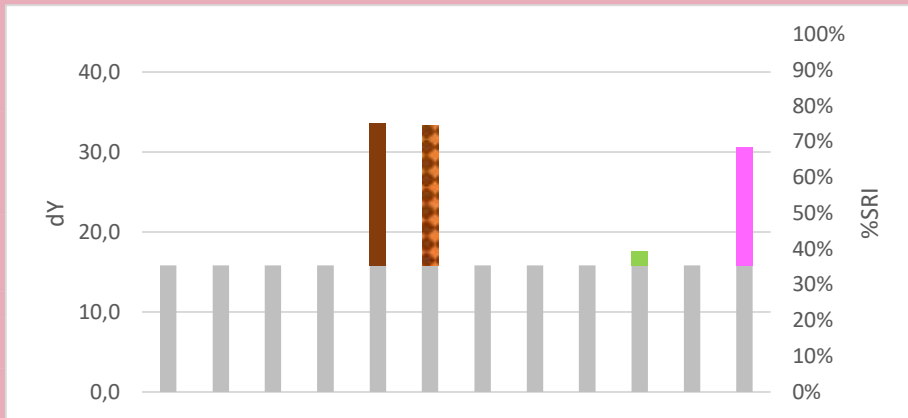
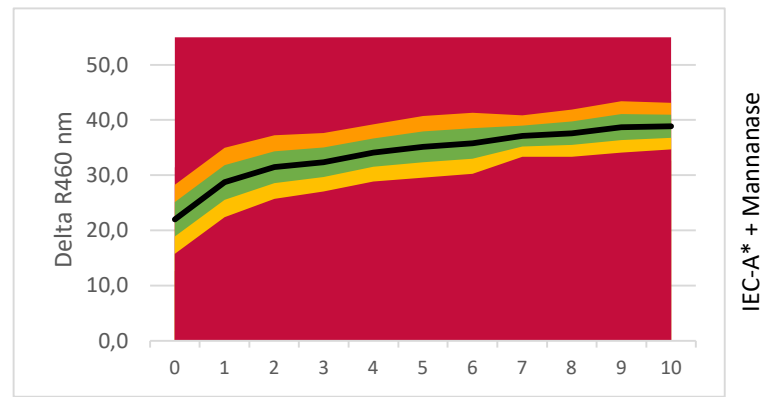
Order Code:	Substrate:	Width:	Yu:
C-S-73	Woven Cotton (CN-17)	45 cm	87,7
KC-S-73	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-73	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-73	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-73	PolyAcryl (PAN-01)	45 cm	89,3
S-S-73	Silk (T-601)	45 cm	83,9
W-S-73	Wool (T-541)	45 cm	67,2
N-S-73	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



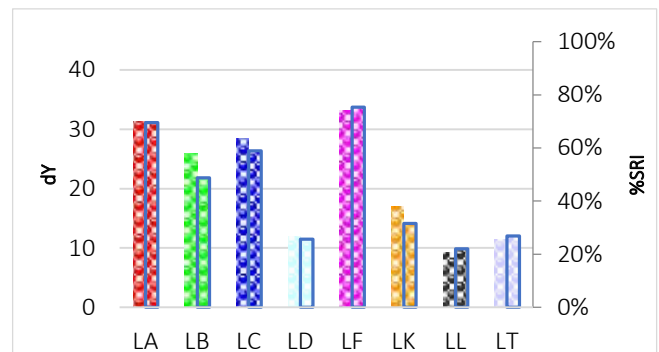
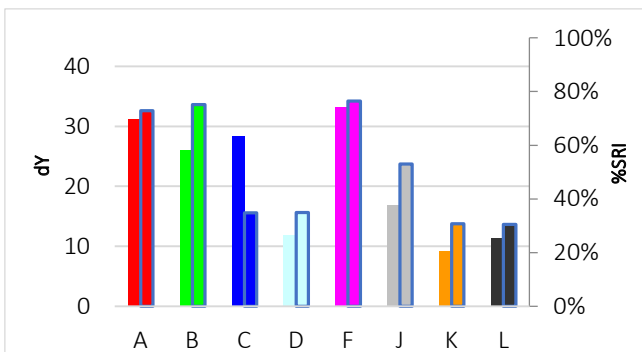
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-74

## Tobacco

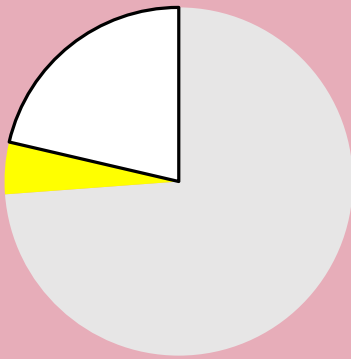


**Discriminative Power:** ★ ★ ☆ ☆ ☆  
**Reproducibility Ratio:** ★ ★ ★ ★ ☆  
**Reliability Ratio:** ★ ★ ★ ★ ☆  
**Popularity:** ★ ☆ ☆ ☆ ☆

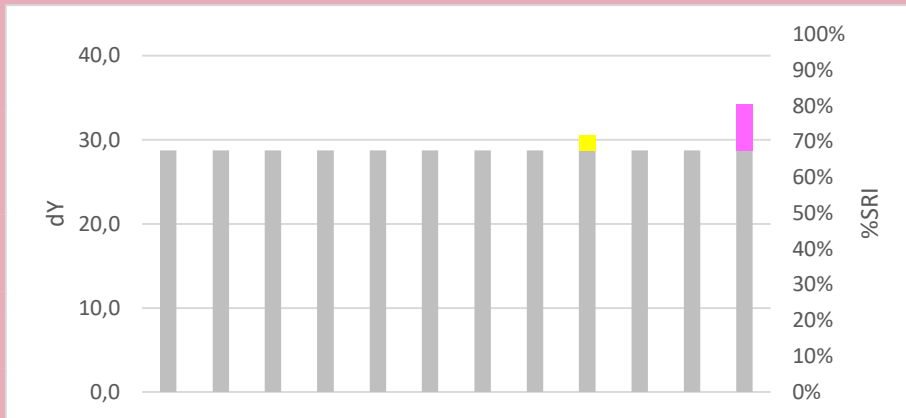
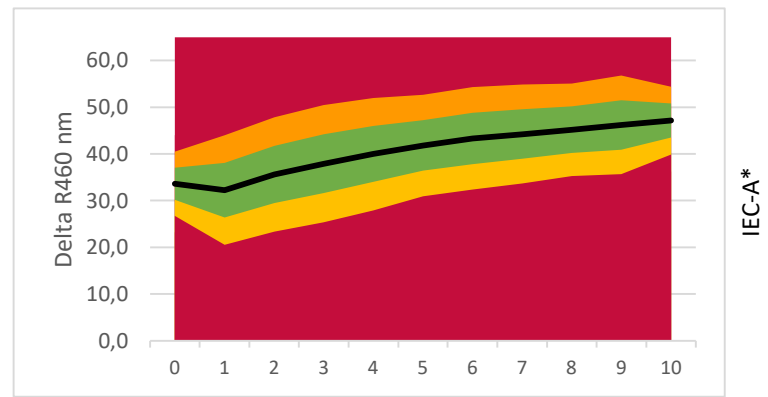
Order Code:	Substrate:	Width:	Yu:
C-S-74	Woven Cotton (CN-17)	45 cm	87,7
KC-S-74	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-74	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-74	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-74	PolyAcryl (PAN-01)	45 cm	89,3
S-S-74	Silk (T-601)	45 cm	83,9
W-S-74	Wool (T-541)	45 cm	67,2
N-S-74	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



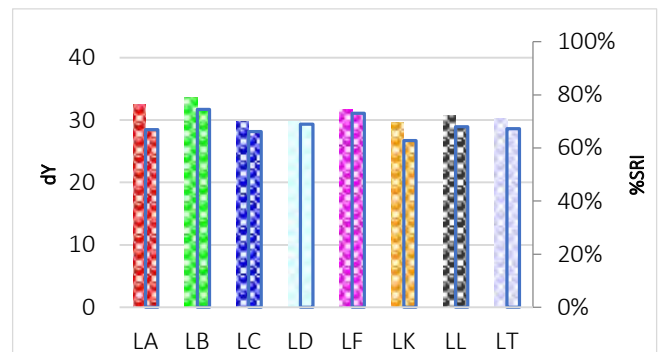
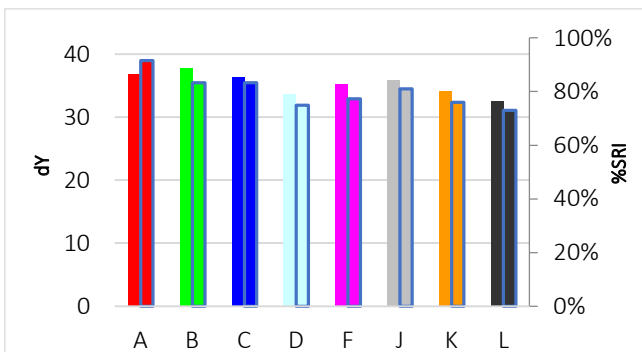
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red/White checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Orange/White checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-S-75

## Blood with beef fat

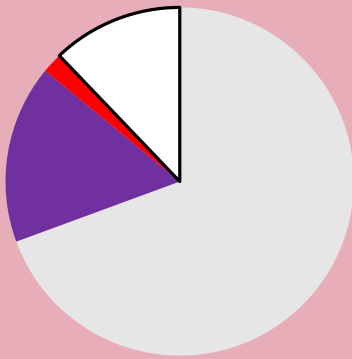


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

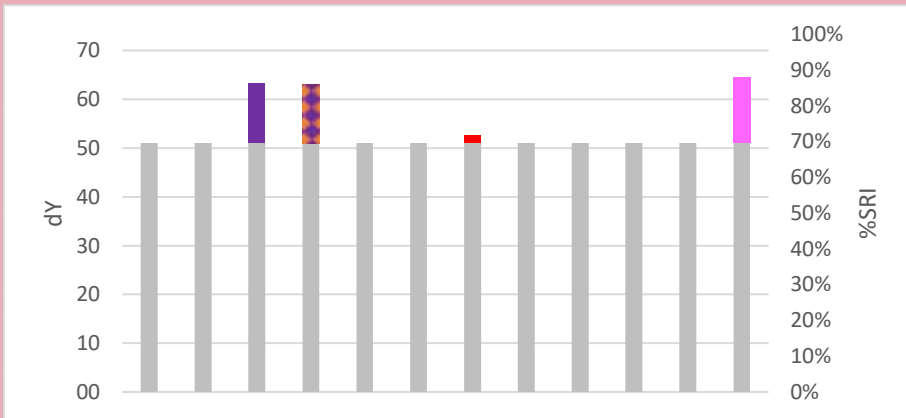
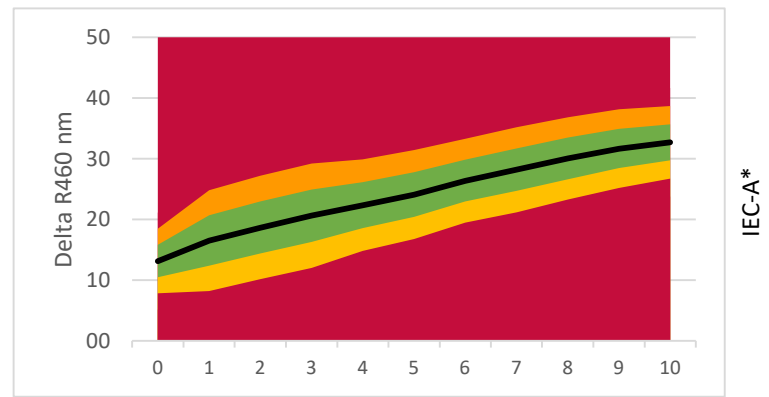
Order Code:	Substrate:	Width:	Yu:
C-S-75	Woven Cotton (CN-11)	45 cm	89,1
KC-S-75	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-75	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-75	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-75	PolyAcryl (PAN-01)	45 cm	89,3
S-S-75	Silk (T-601)	45 cm	83,9
W-S-75	Wool (T-541)	45 cm	67,2
N-S-75	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



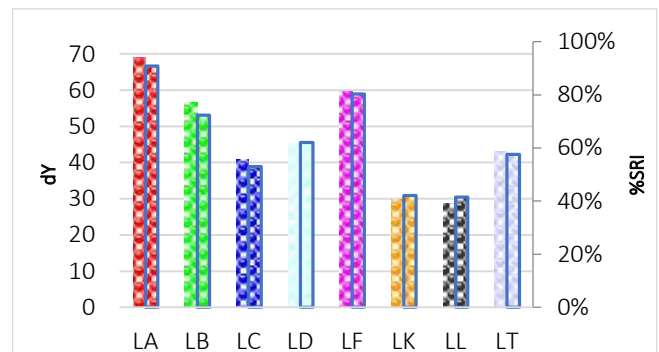
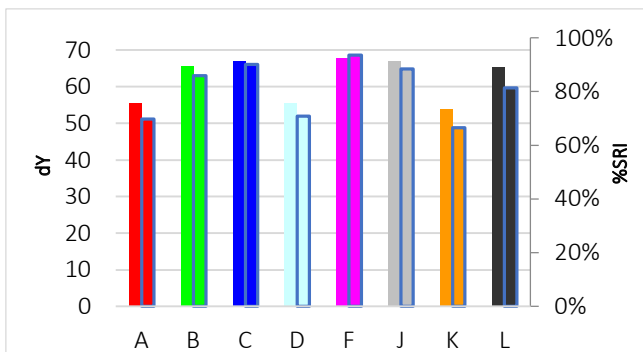
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Yellow]
- Bleach : [Green]
- Surfactant : [Light Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-76

## Household dust

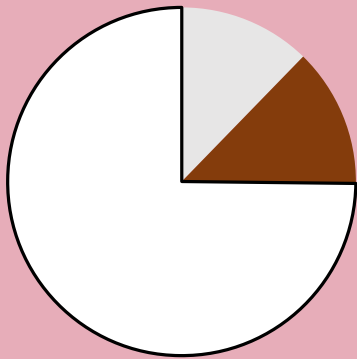


**Discriminative Power:** ★ ★ ☆ ☆ ☆  
**Reproducibility Ratio:** ★ ★ ★ ★ ☆  
**Reliability Ratio:** ★ ★ ★ ★ ☆  
**Popularity:** ★ ★ ★ ☆ ☆

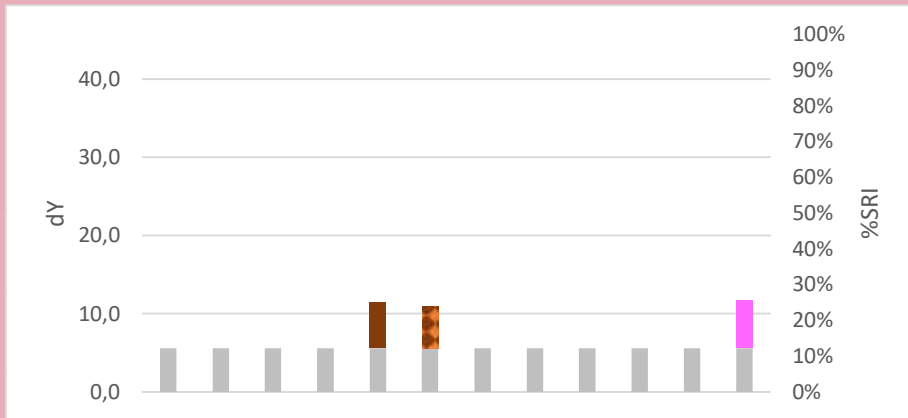
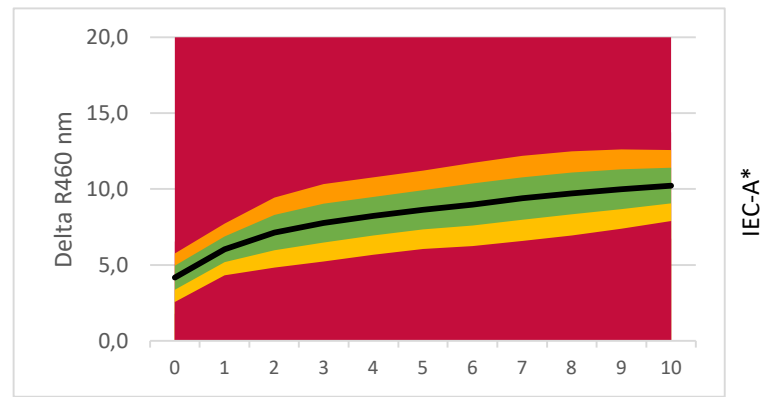
Order Code:	Substrate:	Width:	Yu:
C-S-76	Woven Cotton (CN-11)	45 cm	89,1
KC-S-76	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-76	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-76	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-76	PolyAcryl (PAN-01)	45 cm	89,3
S-S-76	Silk (T-601)	45 cm	83,9
W-S-76	Wool (T-541)	45 cm	67,2
N-S-76	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



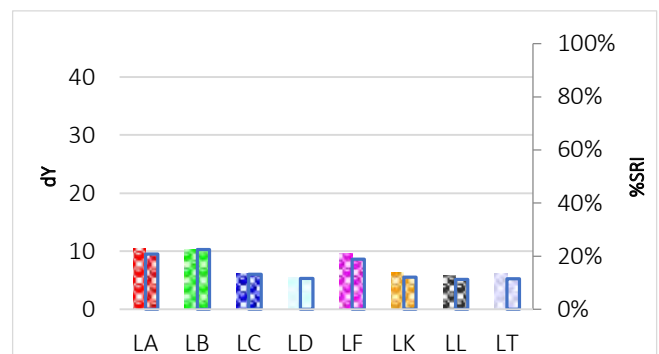
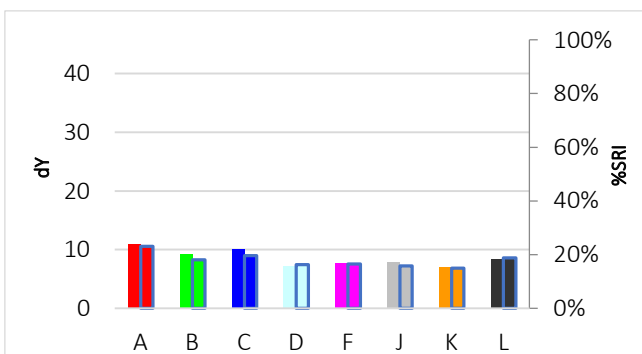
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-77

## Baby food carrot/potato

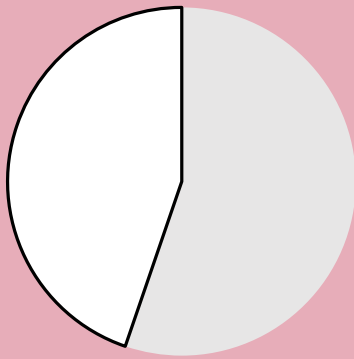


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★☆☆

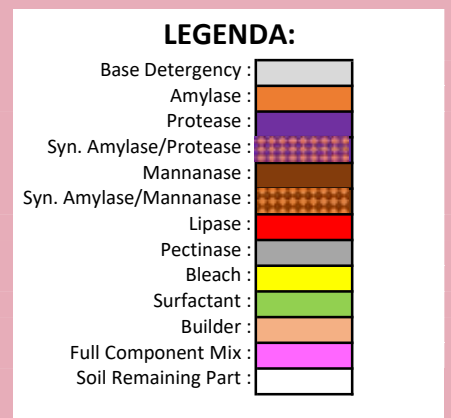
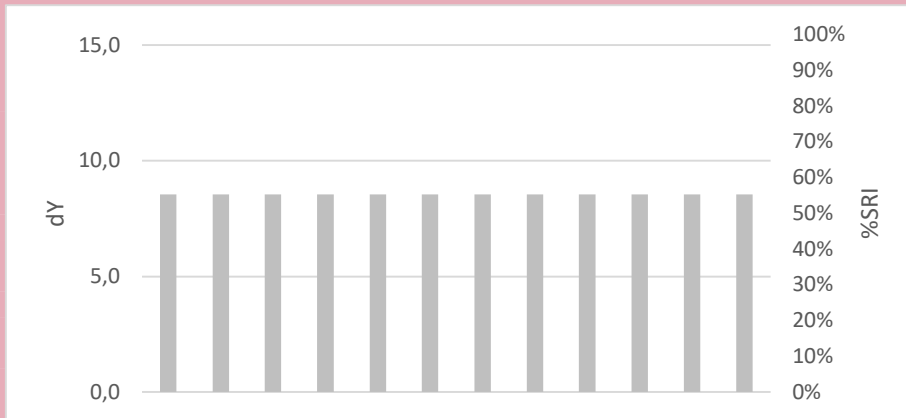
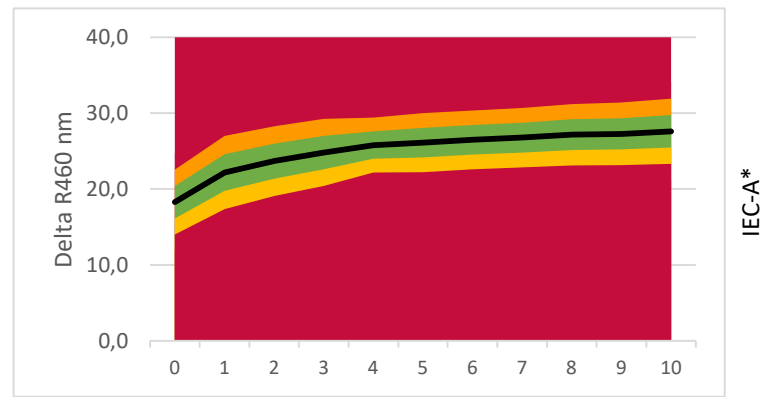
Order Code:	Substrate:	Width:	Yu:
C-S-77	Woven Cotton (CN-17)	45 cm	87,7
KC-S-77	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-77	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-77	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-77	PolyAcryl (PAN-01)	45 cm	89,3
S-S-77	Silk (T-601)	45 cm	83,9
W-S-77	Wool (T-541)	45 cm	67,2
N-S-77	Nylon (T-365)	45 cm	87,4

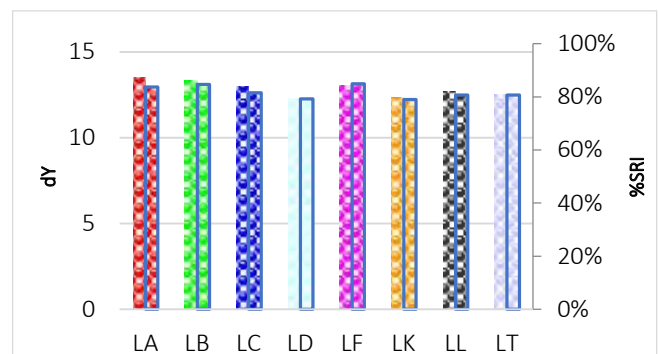
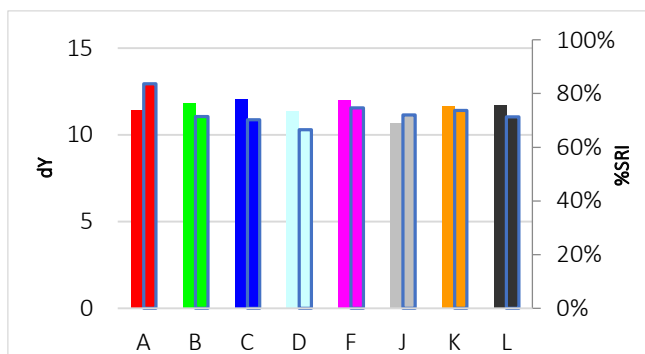
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-77B

## Baby food banana/strawberry

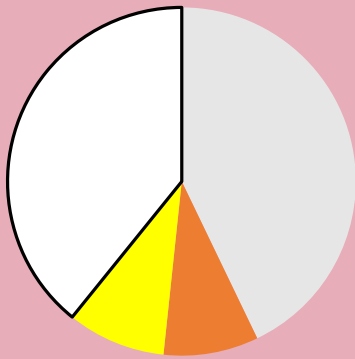


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★★★★  
 Popularity: ★★☆☆☆

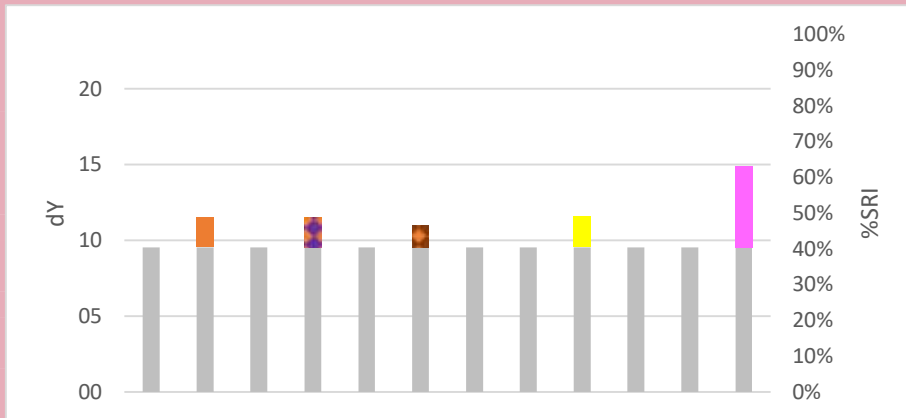
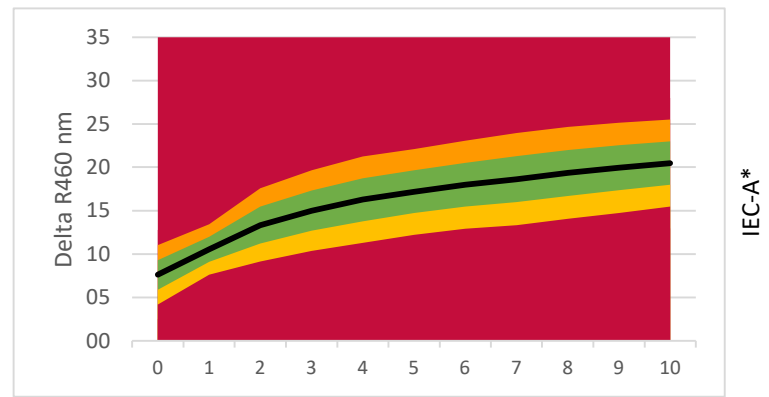
Order Code:	Substrate:	Width:	Yu:
C-S-77B	Woven Cotton (CN-17)	45 cm	87,7
KC-S-77B	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-77B	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-77B	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-77B	PolyAcryl (PAN-01)	45 cm	89,3
S-S-77B	Silk (T-601)	45 cm	83,9
W-S-77B	Wool (T-541)	45 cm	67,2
N-S-77B	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



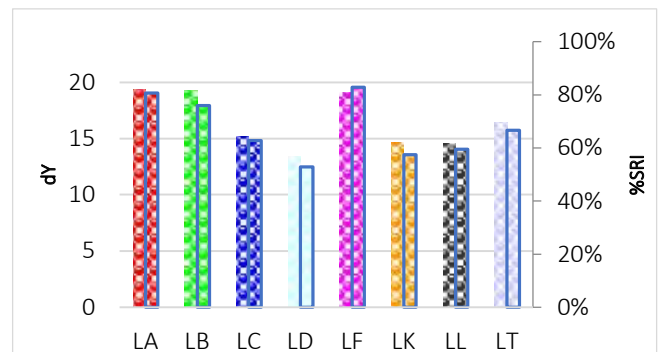
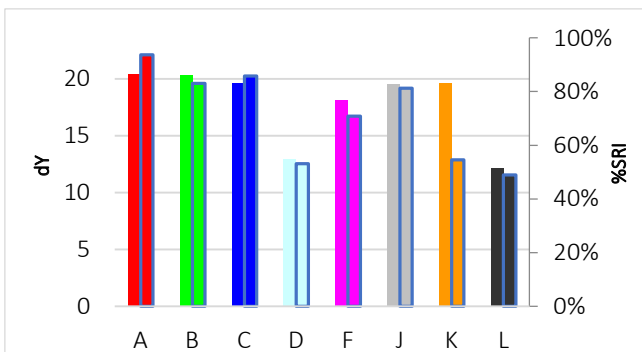
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison





# C-S-78

## Soybean oil with pigment

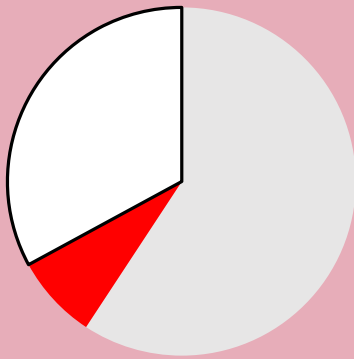


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

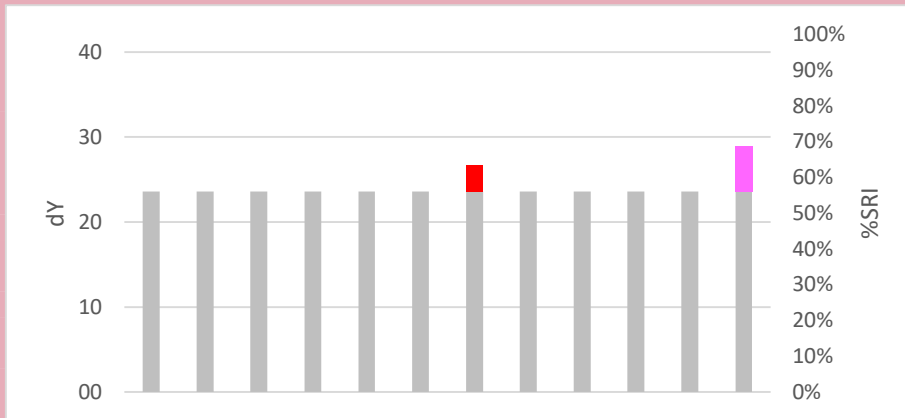
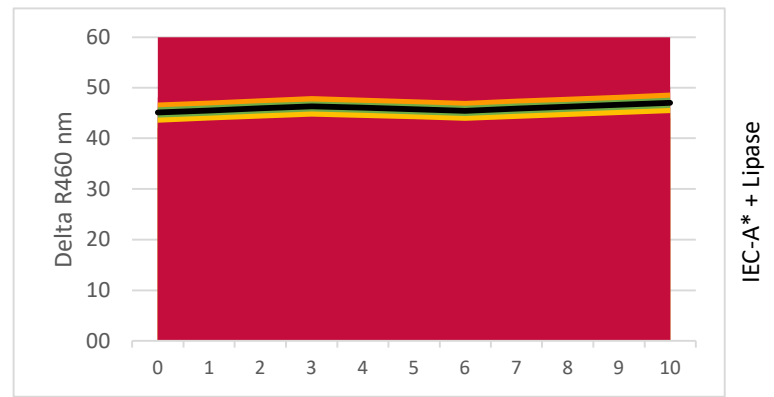
Order Code:	Substrate:	Width:	Yu:
C-S-78	Woven Cotton (CN-17)	45 cm	87,7
KC-S-78	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-78	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-78	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-78	PolyAcryl (PAN-01)	45 cm	89,3
S-S-78	Silk (T-601)	45 cm	83,9
W-S-78	Wool (T-541)	45 cm	67,2
N-S-78	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



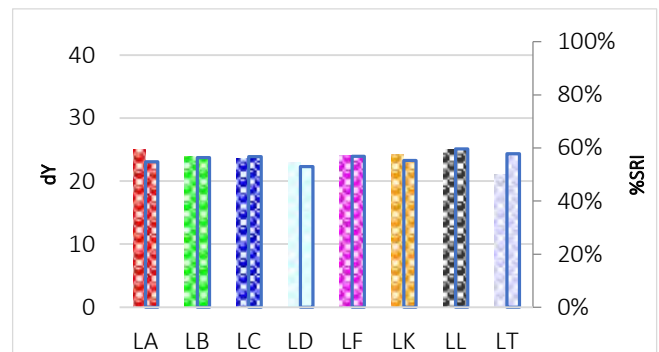
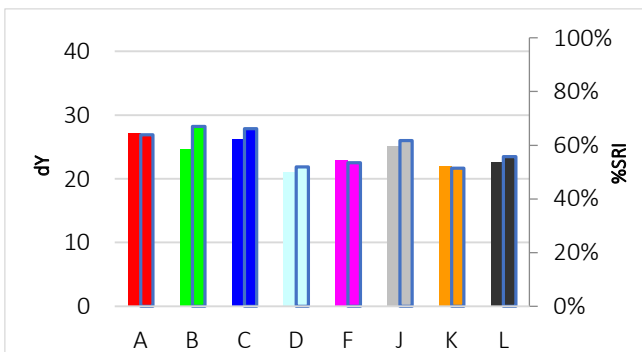
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-79

## Tomato, Napolina

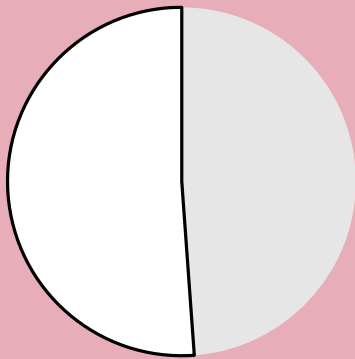


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★☆☆☆

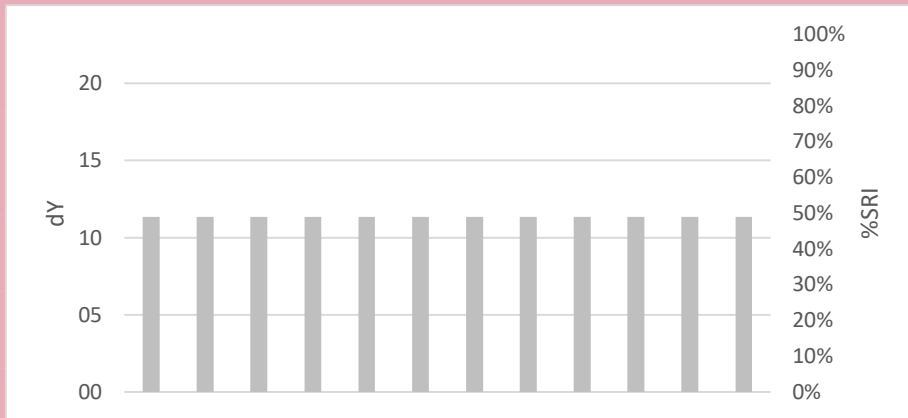
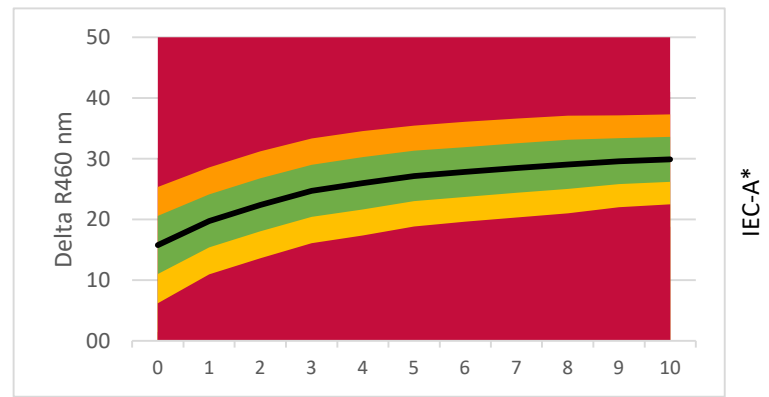
Order Code:	Substrate:	Width:	Yu:
C-S-79	Woven Cotton (CN-17)	45 cm	87,7
KC-S-79	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-79	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-79	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-79	PolyAcryl (PAN-01)	45 cm	89,3
S-S-79	Silk (T-601)	45 cm	83,9
W-S-79	Wool (T-541)	45 cm	67,2
N-S-79	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



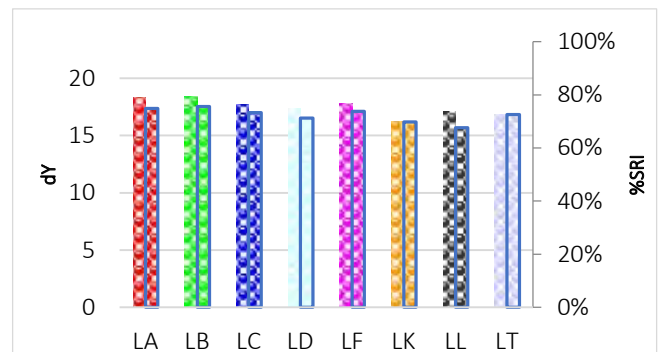
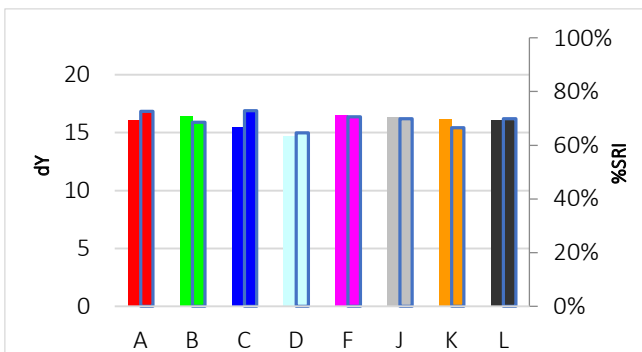
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red/White checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Red/White checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-S-80

## Grass/mud

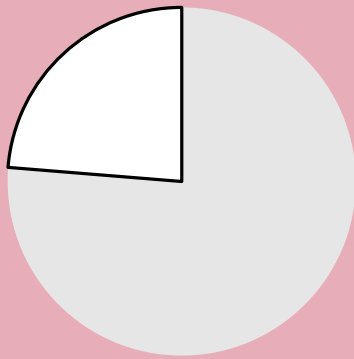


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

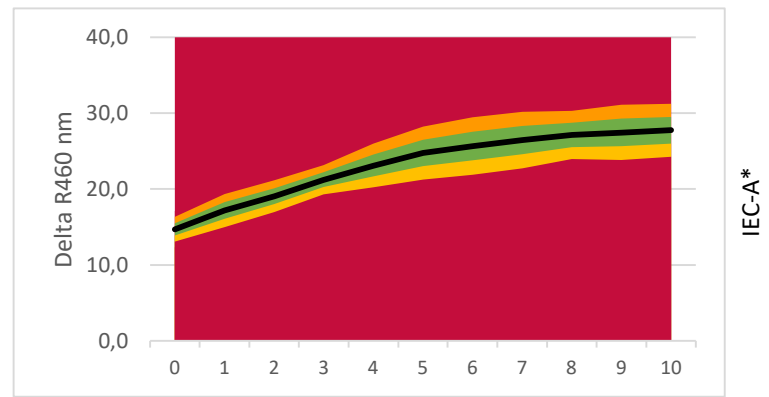
Order Code:	Substrate:	Width:	Yu:
C-S-80	Woven Cotton (CN-17)	45 cm	87,7
KC-S-80	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-80	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-80	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-80	PolyAcryl (PAN-01)	45 cm	89,3
S-S-80	Silk (T-601)	45 cm	83,9
W-S-80	Wool (T-541)	45 cm	67,2
N-S-80	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



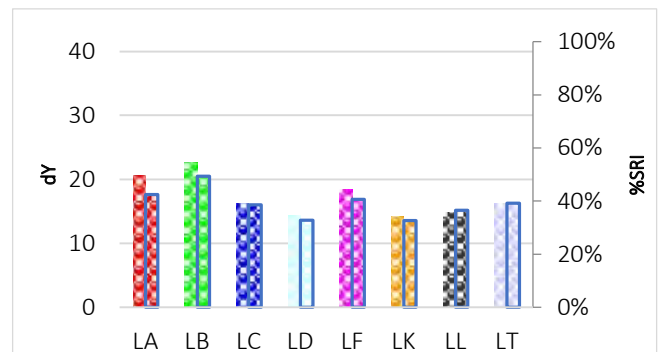
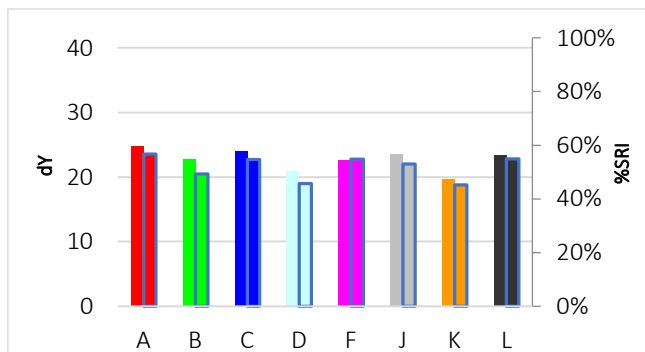
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-81

## Jam, forest fruit

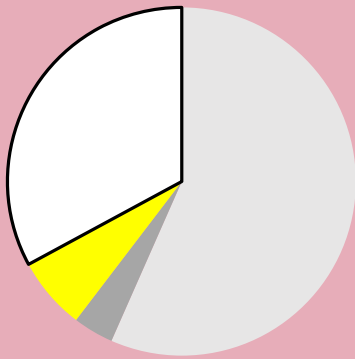


**Discriminative Power:** ★ ★ ☆ ☆ ☆  
**Reproducibility Ratio:** ★ ★ ★ ★ ☆  
**Reliability Ratio:** ★ ★ ★ ★ ★  
**Popularity:** ★ ★ ★ ☆ ☆

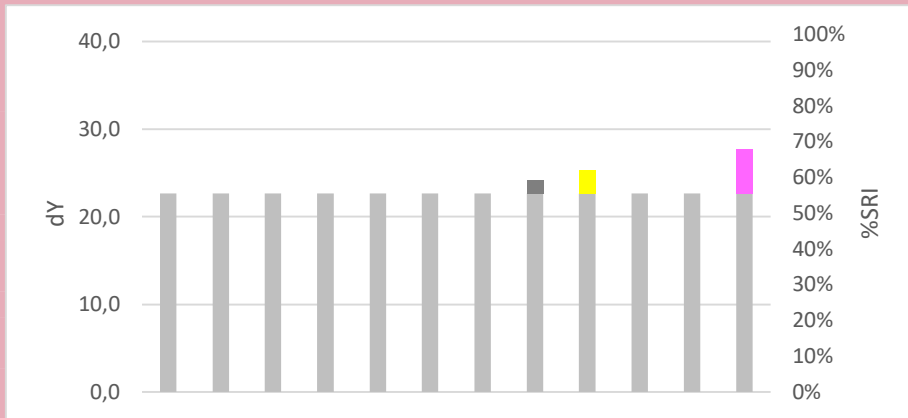
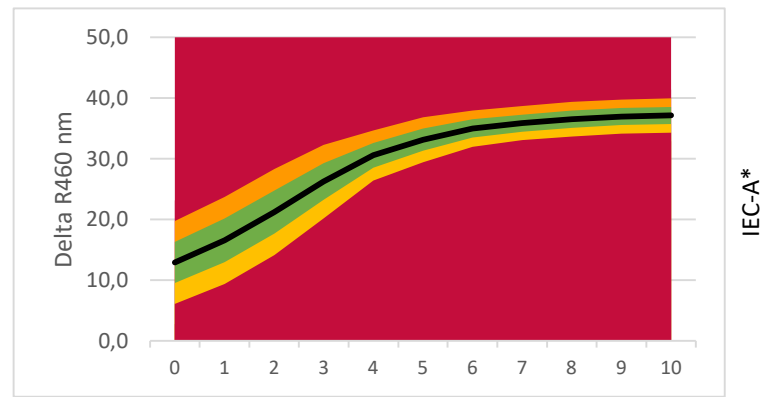
Order Code:	Substrate:	Width:	Yu:
C-S-81	Woven Cotton (CN-17)	45 cm	87,7
KC-S-81	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-81	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-81	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-81	PolyAcryl (PAN-01)	45 cm	89,3
S-S-81	Silk (T-601)	45 cm	83,9
W-S-81	Wool (T-541)	45 cm	67,2
N-S-81	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



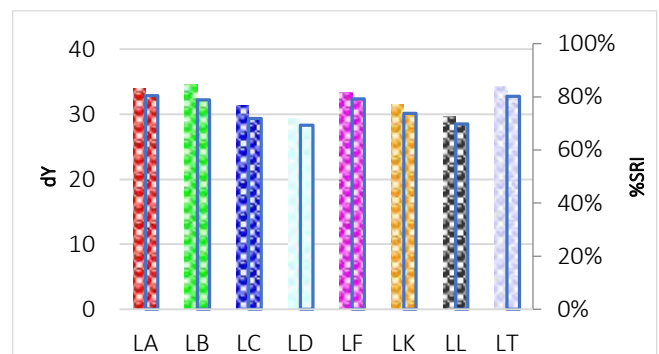
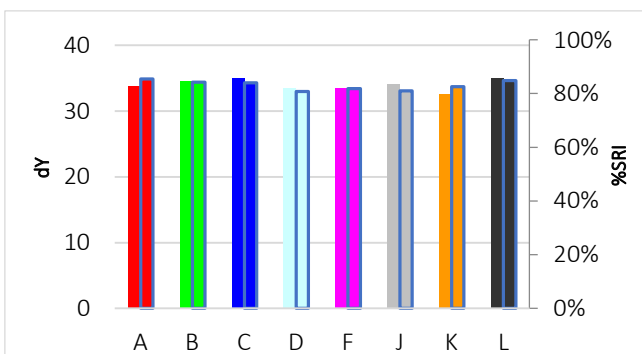
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red and white checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Orange and white checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [Black box]

### Commercial Detergent Comparison



# C-S-82

## Gravy from meat

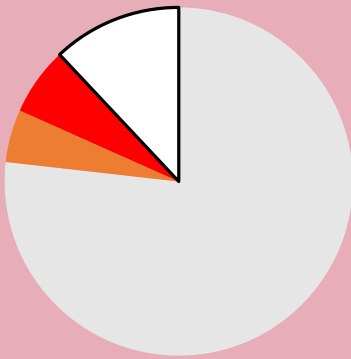


**Discriminative Power:** ★ ★ ☆ ☆ ☆  
**Reproducibility Ratio:** ★ ★ ★ ★ ☆  
**Reliability Ratio:** ★ ★ ★ ★ ☆  
**Popularity:** ★ ★ ★ ☆ ☆

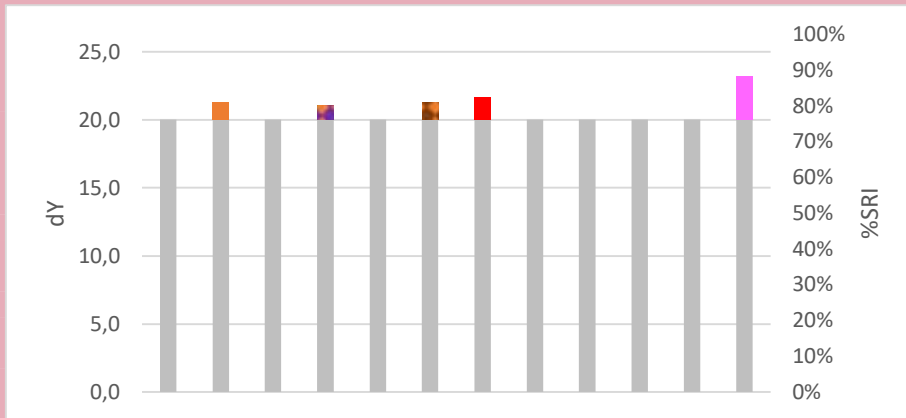
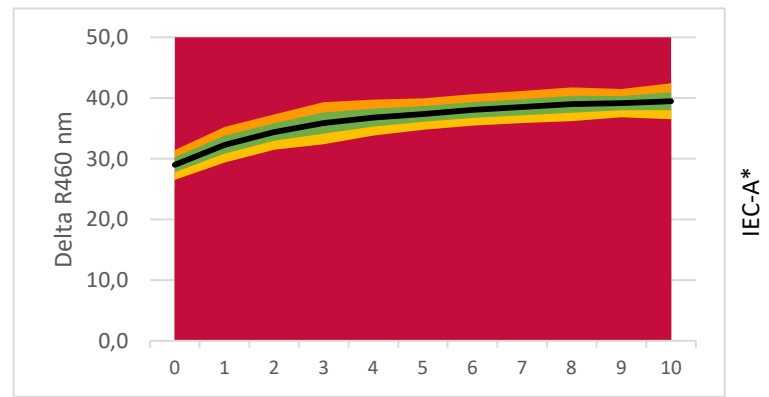
Order Code:	Substrate:	Width:	Yu:
C-S-82	Woven Cotton (CN-17)	45 cm	87,7
KC-S-82	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-82	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-82	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-82	PolyAcryl (PAN-01)	45 cm	89,3
S-S-82	Silk (T-601)	45 cm	83,9
W-S-82	Wool (T-541)	45 cm	67,2
N-S-82	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



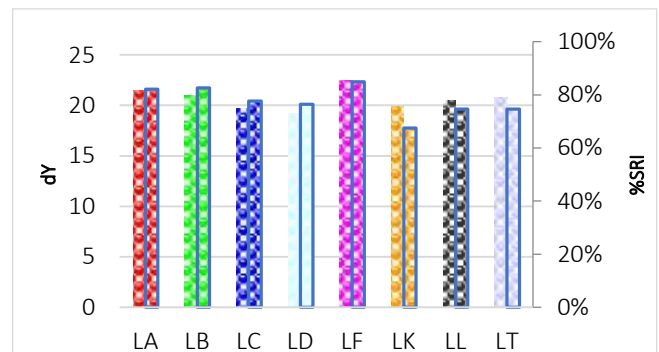
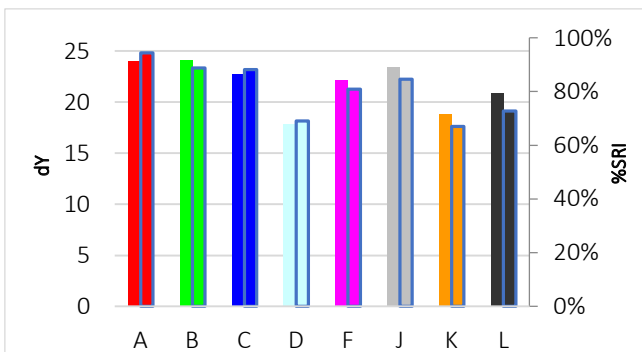
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Yellow]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-83

## Crema di balsamico, aged

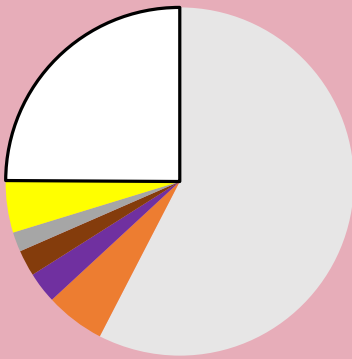


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★☆☆☆☆

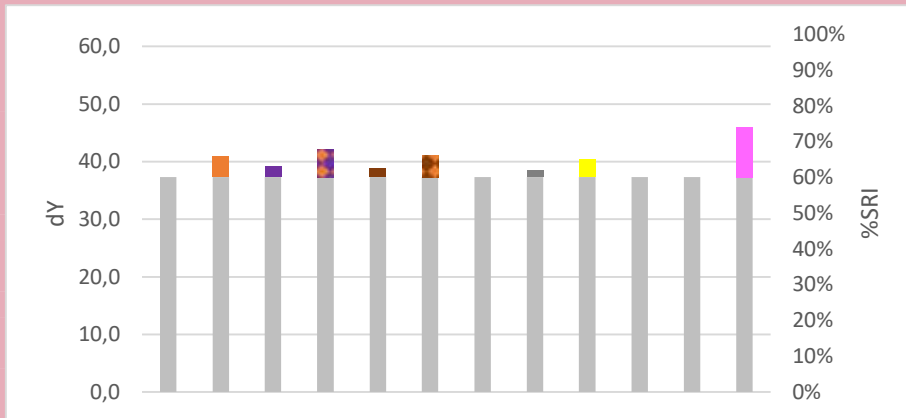
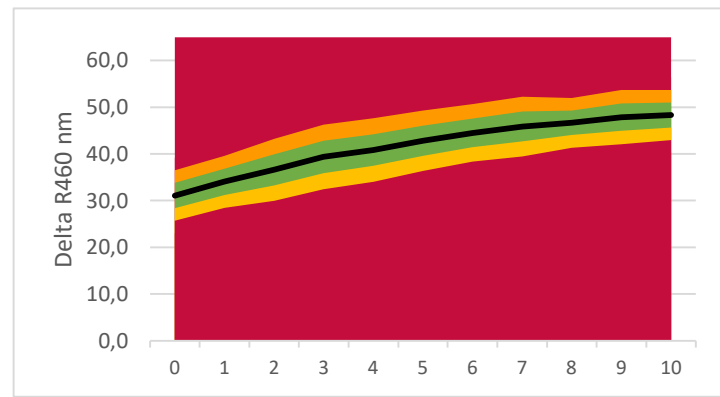
Order Code:	Substrate:	Width:	Yu:
C-S-83	Woven Cotton (CN-17)	45 cm	87,7
KC-S-83	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-83	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-83	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-83	PolyAcryl (PAN-01)	45 cm	89,3
S-S-83	Silk (T-601)	45 cm	83,9
W-S-83	Wool (T-541)	45 cm	67,2
N-S-83	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



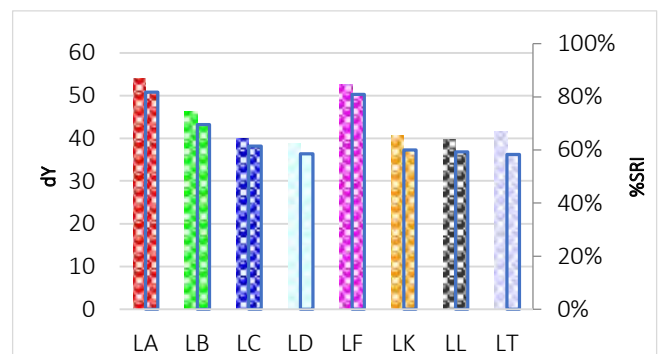
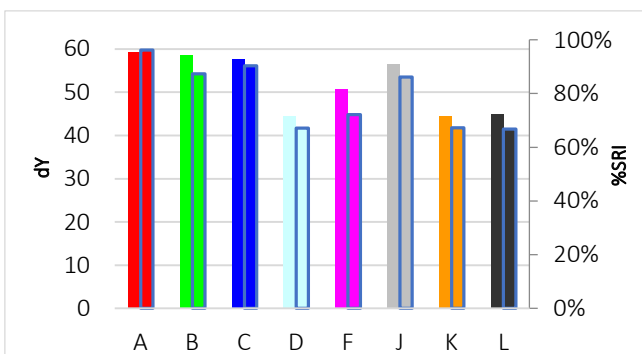
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-85

Blood, sheep's, double application, aged

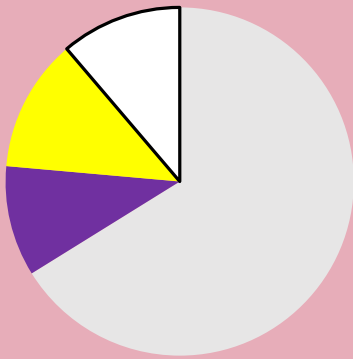


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★☆☆☆☆  
 Popularity: ★★☆☆☆

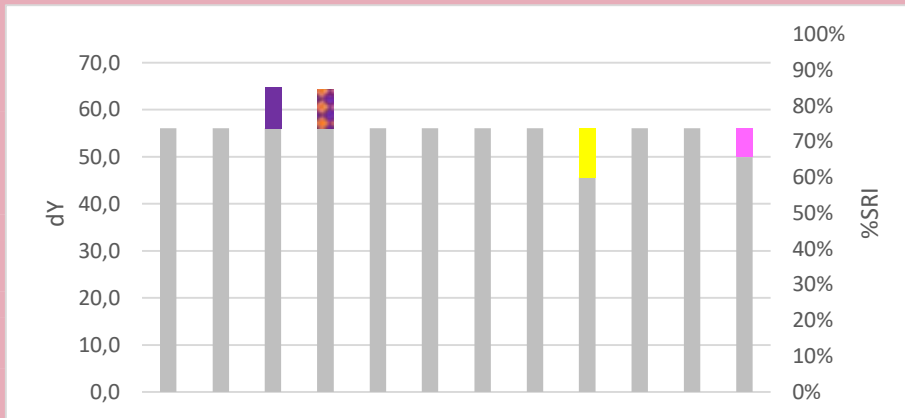
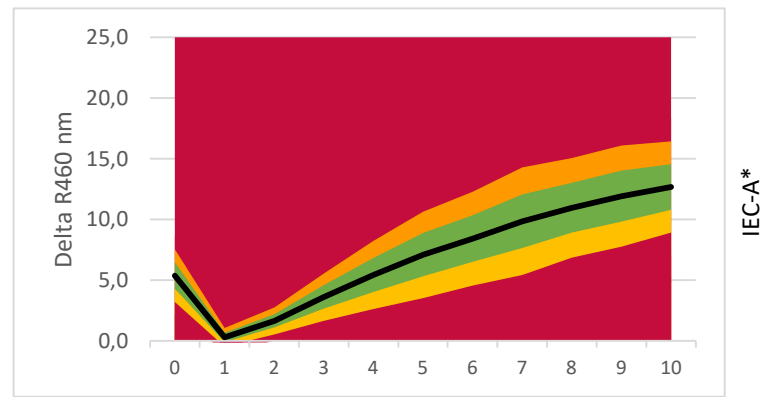
Order Code:	Substrate:	Width:	Yu:
C-S-85	Woven Cotton (CN-17)	45 cm	87,7
KC-S-85	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-85	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-85	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-85	PolyAcryl (PAN-01)	45 cm	89,3
S-S-85	Silk (T-601)	45 cm	83,9
W-S-85	Wool (T-541)	45 cm	67,2
N-S-85	Nylon (T-365)	45 cm	87,4

## Detergent Component Response



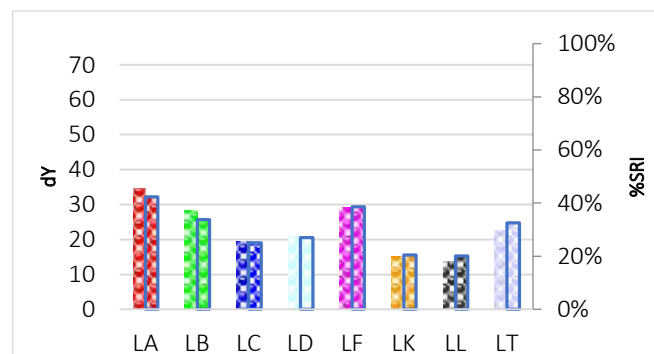
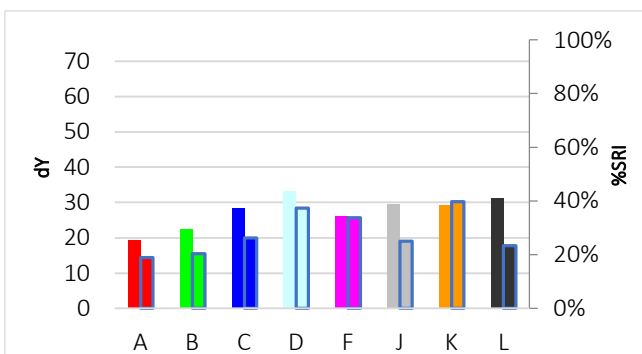
## Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : Grey
- Amylase : Orange
- Protease : Purple
- Syn. Amylase/Protease : Red/White checkered
- Mannanase : Brown
- Syn. Amylase/Mannanase : Orange/White checkered
- Lipase : Red
- Pectinase : Grey
- Bleach : Yellow
- Surfactant : Green
- Builder : Light Blue
- Full Component Mix : Pink
- Soil Remaining Part : White

## Commercial Detergent Comparison



# C-S-86

## Oyster sauce

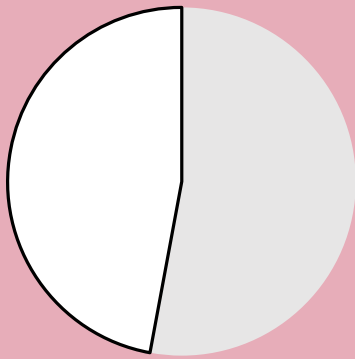


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★☆☆  
**Popularity:** ★☆☆☆☆

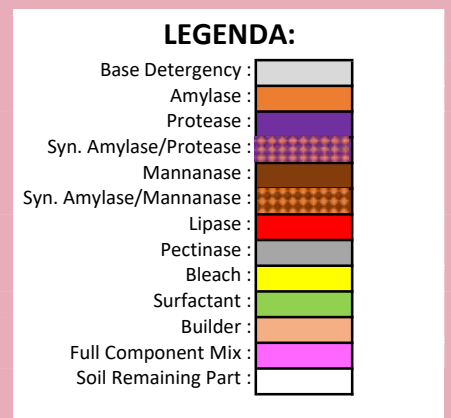
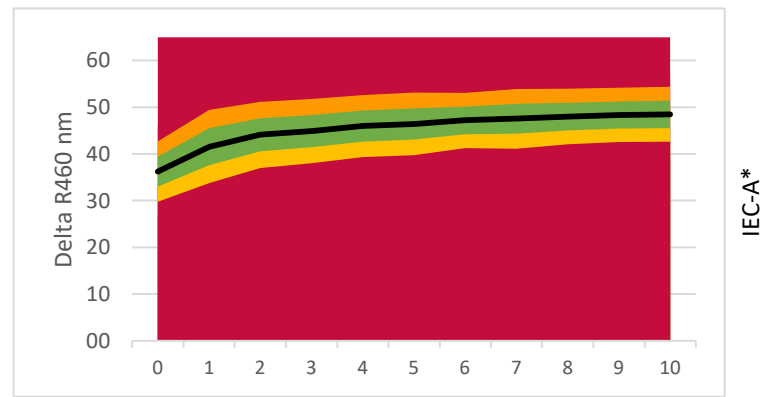
Order Code:	Substrate:	Width:	Yu:
C-S-86	Woven Cotton (CN-17)	45 cm	87,7
KC-S-86	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-86	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-86	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-86	PolyAcryl (PAN-01)	45 cm	89,3
S-S-86	Silk (T-601)	45 cm	83,9
W-S-86	Wool (T-541)	45 cm	67,2
N-S-86	Nylon (T-365)	45 cm	87,4

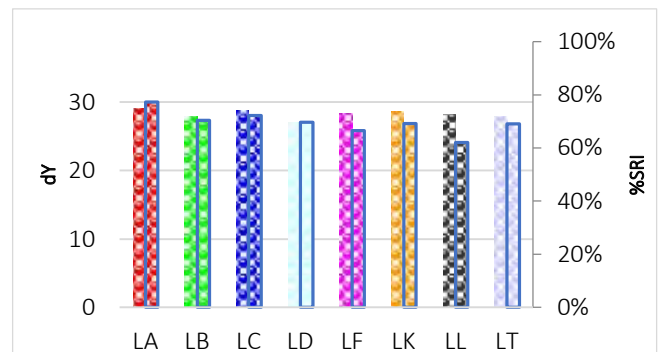
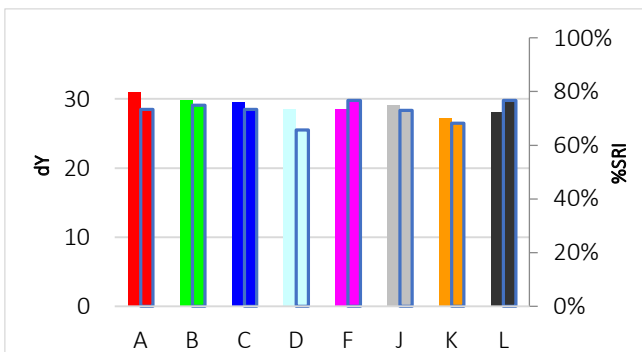
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison





# C-S-87

## Chinese chili sauce

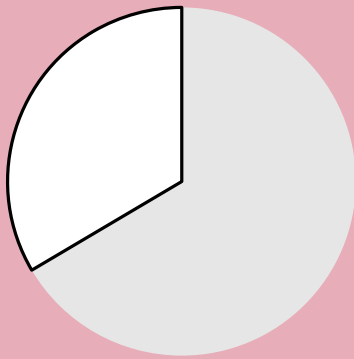


**Discriminative Power:** ★ ★ ☆ ☆ ☆  
**Reproducibility Ratio:** ★ ★ ★ ★ ☆  
**Reliability Ratio:** ★ ★ ★ ★ ☆  
**Popularity:** ★ ☆ ☆ ☆ ☆

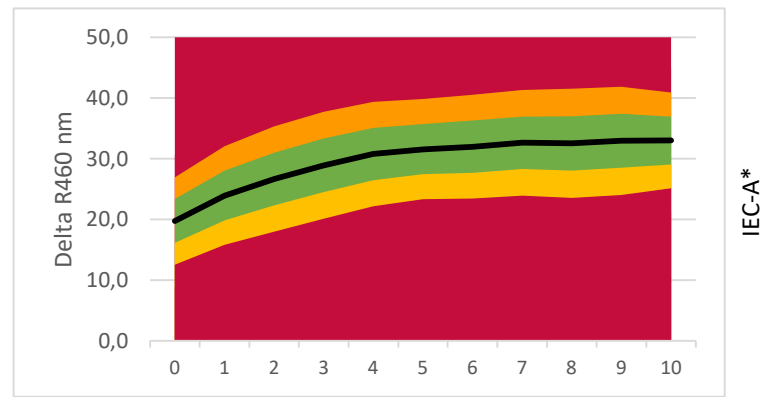
Order Code:	Substrate:	Width:	Yu:
C-S-87	Woven Cotton (CN-17)	45 cm	87,7
KC-S-87	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-87	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-87	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-87	PolyAcryl (PAN-01)	45 cm	89,3
S-S-87	Silk (T-601)	45 cm	83,9
W-S-87	Wool (T-541)	45 cm	67,2
N-S-87	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



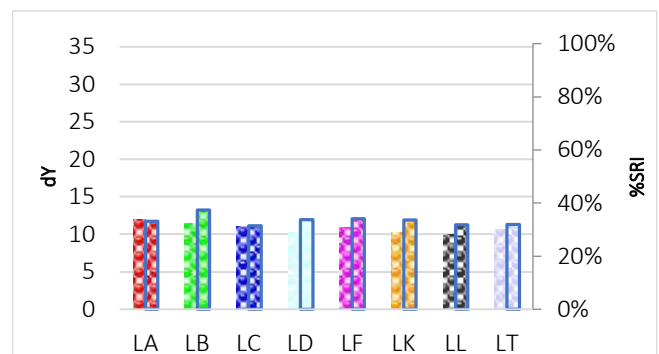
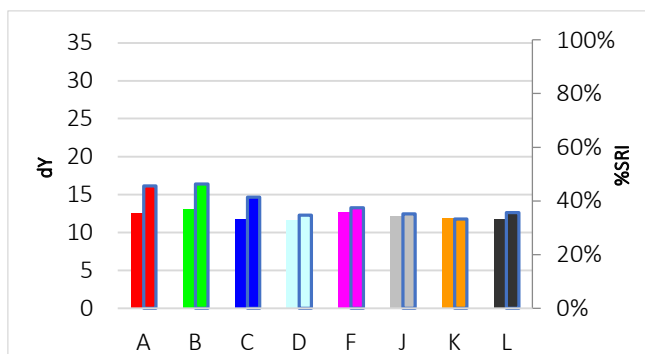
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red and white checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Red and white checkered box]
- Lipase : [Red box]
- Pectinase : [Green box]
- Bleach : [Yellow box]
- Surfactant : [Light green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-S-87S

## Chinese garlic chili sauce

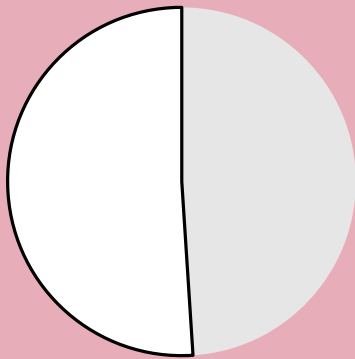


**Discriminative Power:** ★ ★ ☆ ☆ ☆  
**Reproducibility Ratio:** ★ ★ ★ ★ ☆  
**Reliability Ratio:** ★ ★ ★ ★ ☆  
**Popularity:** ★ ☆ ☆ ☆ ☆

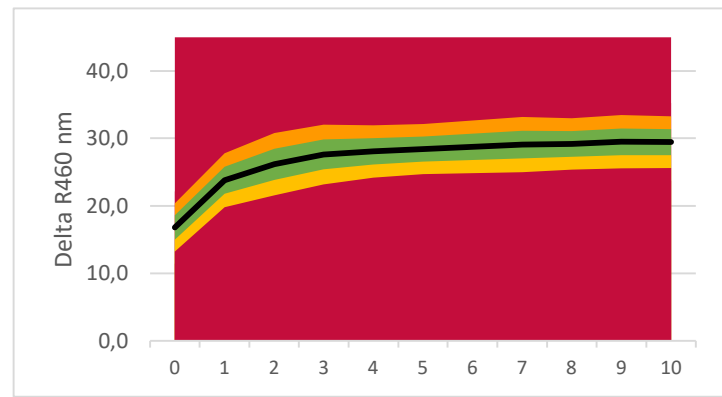
Order Code:	Substrate:	Width:	Yu:
C-S-87S	Woven Cotton (CN-17)	45 cm	87,7
KC-S-87S	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-87S	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-87S	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-87S	PolyAcryl (PAN-01)	45 cm	89,3
S-S-87S	Silk (T-601)	45 cm	83,9
W-S-87S	Wool (T-541)	45 cm	67,2
N-S-87S	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



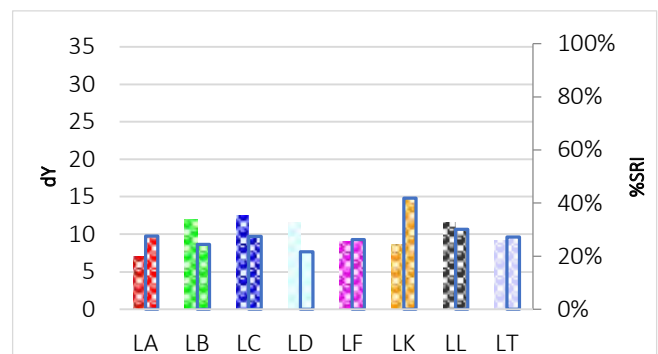
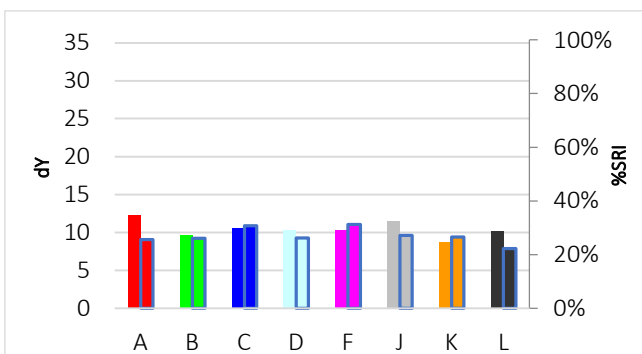
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red/White checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Orange/White checkered box]
- Lipase : [Red box]
- Pectinase : [Grey box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-S-88

## Indian curry

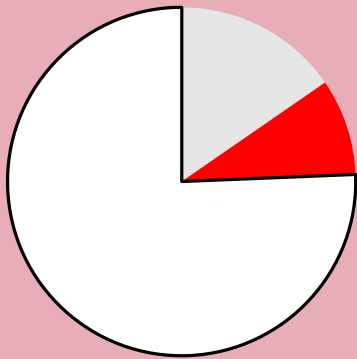


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★☆☆  
**Popularity:** ★★★☆☆

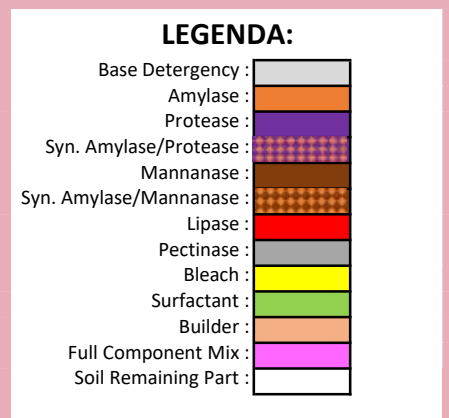
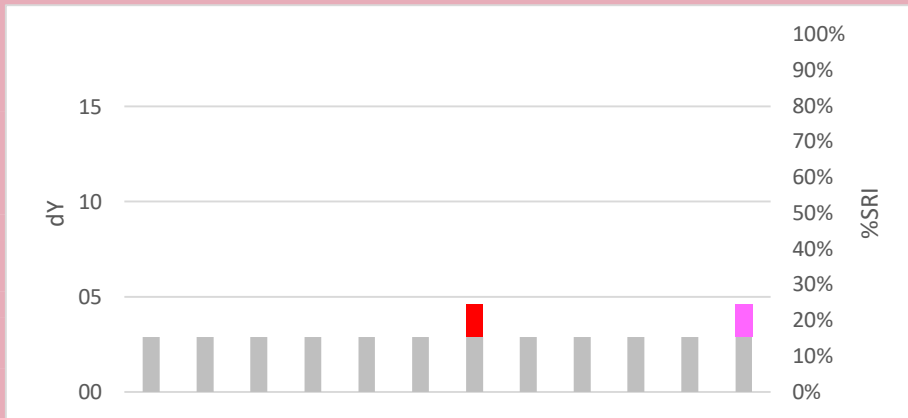
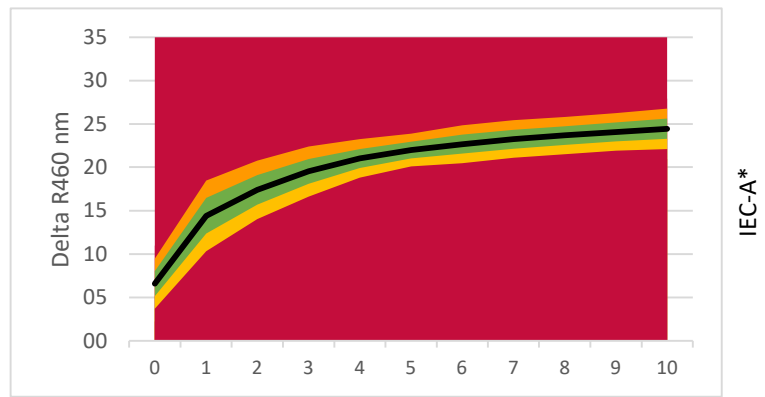
Order Code:	Substrate:	Width:	Yu:
C-S-88	Woven Cotton (CN-11)	45 cm	89,1
KC-S-88	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-88	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-88	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-88	PolyAcryl (PAN-01)	45 cm	89,3
S-S-88	Silk (T-601)	45 cm	83,9
W-S-88	Wool (T-541)	45 cm	67,2
N-S-88	Nylon (T-365)	45 cm	87,4

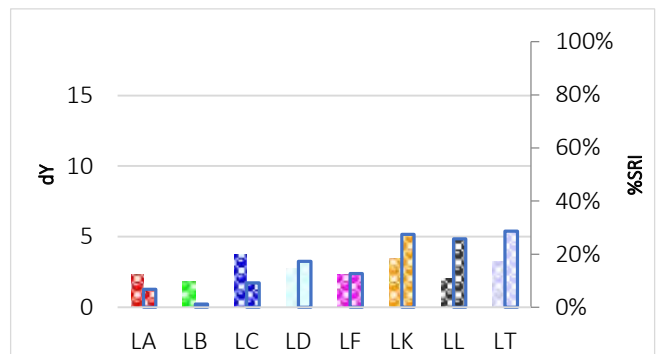
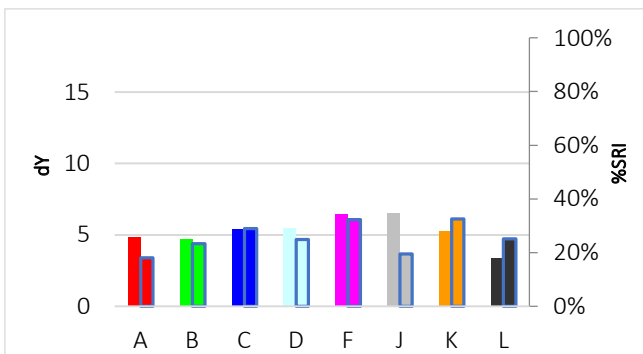
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-89

## Chinese hot pot

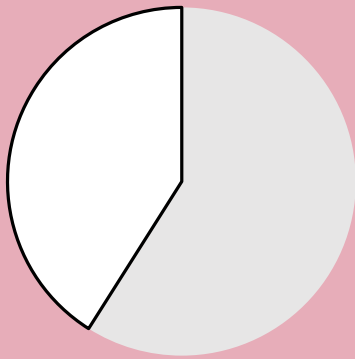


**Discriminative Power:** ★ ★ ☆ ☆ ☆  
**Reproducibility Ratio:** ★ ★ ★ ★ ☆  
**Reliability Ratio:** ★ ★ ★ ★ ☆  
**Popularity:** ★ ★ ☆ ☆ ☆

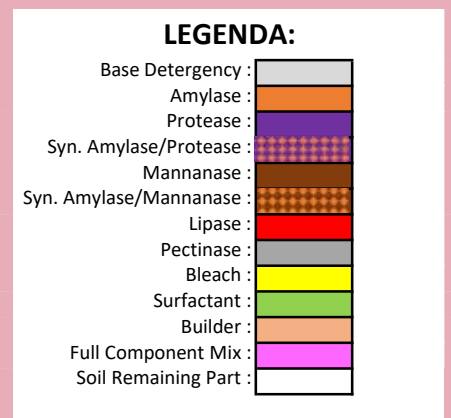
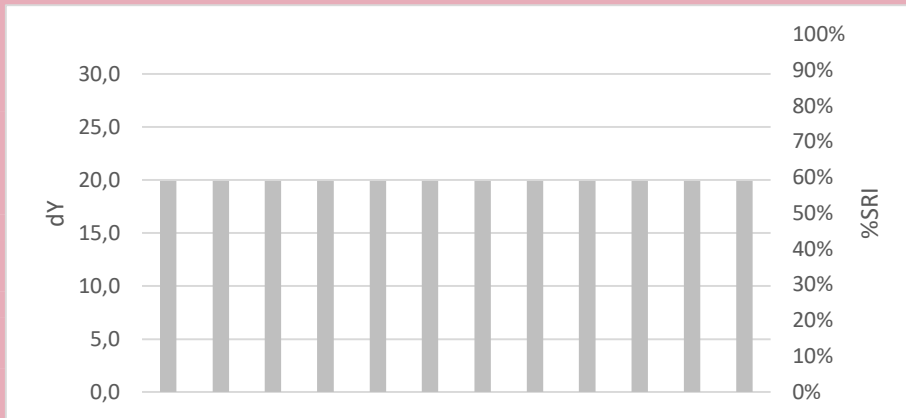
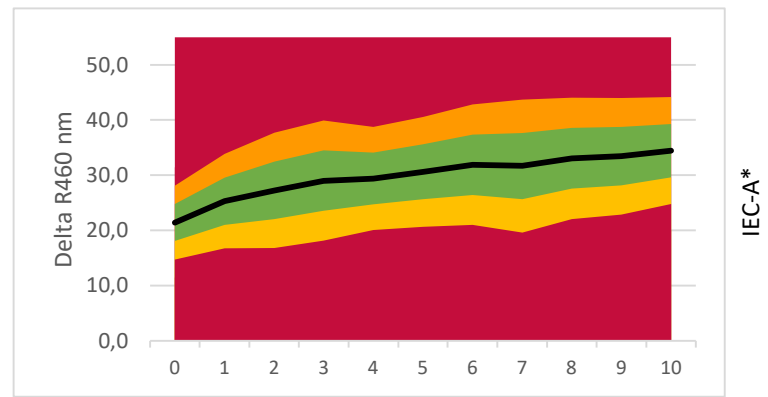
Order Code:	Substrate:	Width:	Yu:
C-S-89	Woven Cotton (CN-17)	45 cm	87,7
KC-S-89	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-89	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-89	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-89	PolyAcryl (PAN-01)	45 cm	89,3
S-S-89	Silk (T-601)	45 cm	83,9
W-S-89	Wool (T-541)	45 cm	67,2
N-S-89	Nylon (T-365)	45 cm	87,4

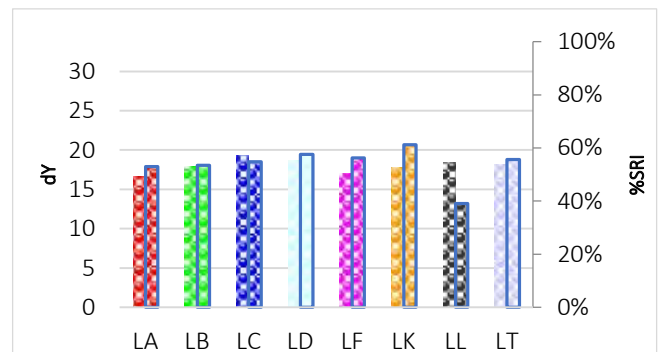
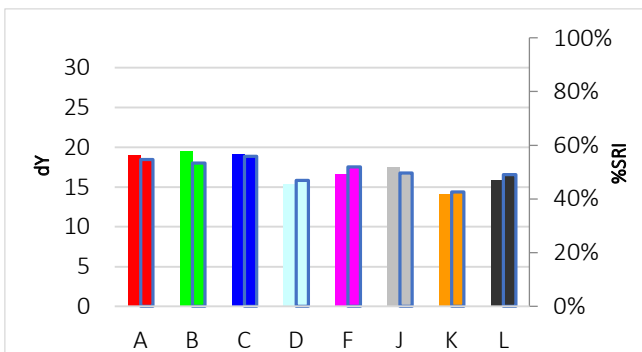
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-89S

## Chinese hot pot sateh

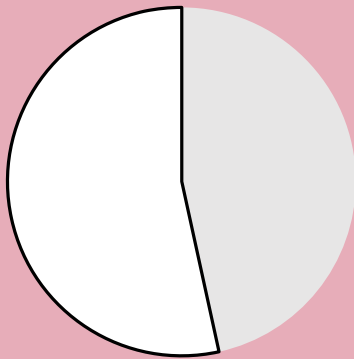


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★☆☆  
**Popularity:** ★☆☆☆☆

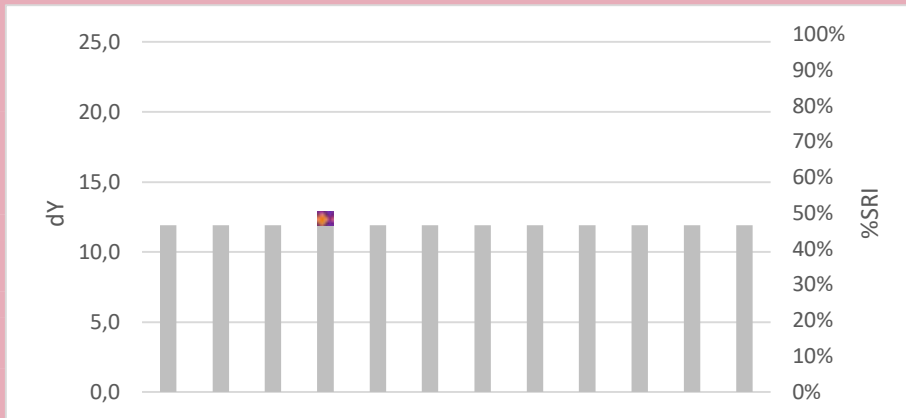
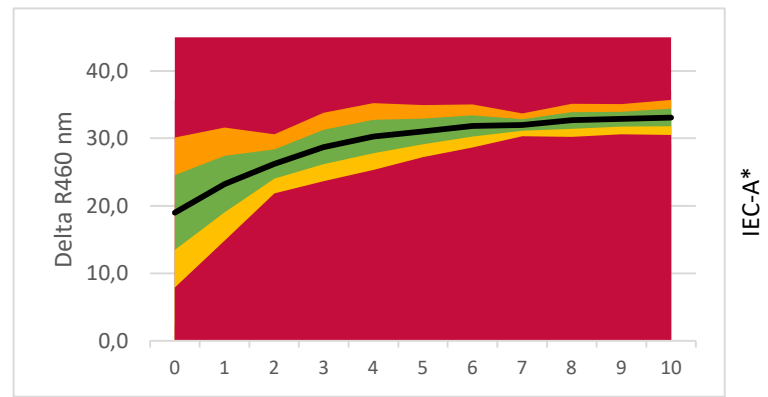
Order Code:	Substrate:	Width:	Yu:
C-S-89S	Woven Cotton (CN-17)	45 cm	87,7
KC-S-89S	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-89S	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-89S	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-89S	PolyAcryl (PAN-01)	45 cm	89,3
S-S-89S	Silk (T-601)	45 cm	83,9
W-S-89S	Wool (T-541)	45 cm	67,2
N-S-89S	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



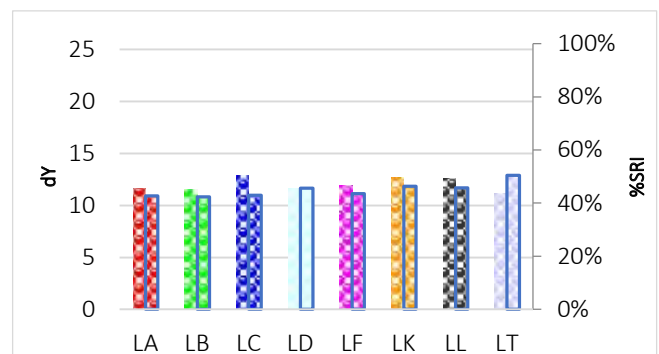
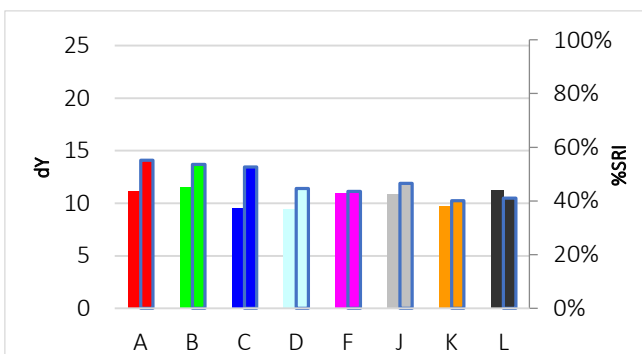
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Multi-colored]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-90

## Soy sauce with starch

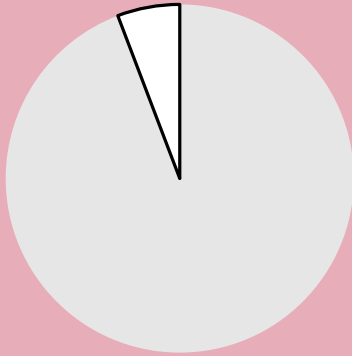


**Discriminative Power:** ★☆☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★☆☆☆☆

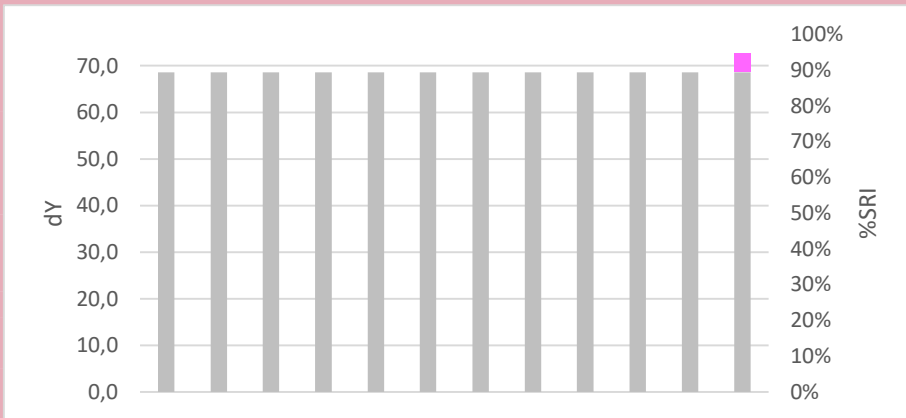
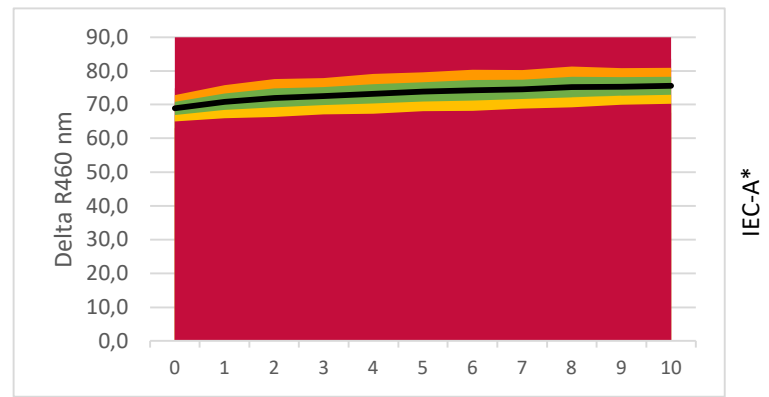
Order Code:	Substrate:	Width:	Yu:
C-S-90	Woven Cotton (CN-17)	45 cm	87,7
KC-S-90	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-90	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-90	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-90	PolyAcryl (PAN-01)	45 cm	89,3
S-S-90	Silk (T-601)	45 cm	83,9
W-S-90	Wool (T-541)	45 cm	67,2
N-S-90	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



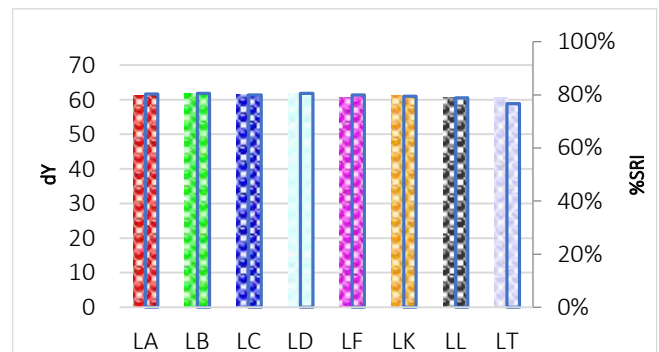
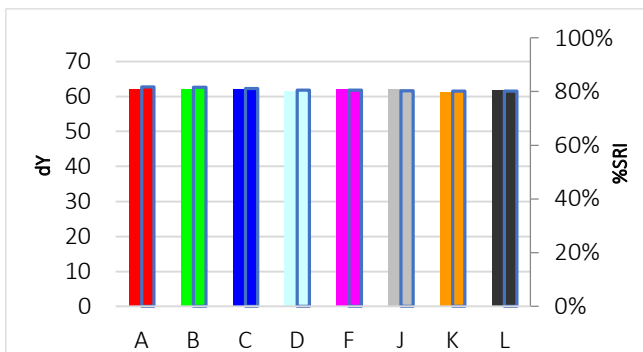
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-91

## Minced meat

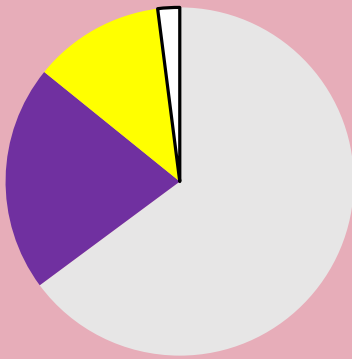


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

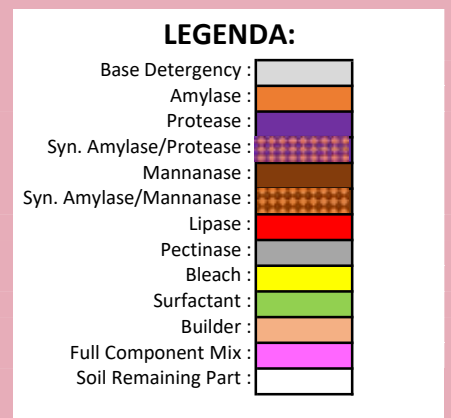
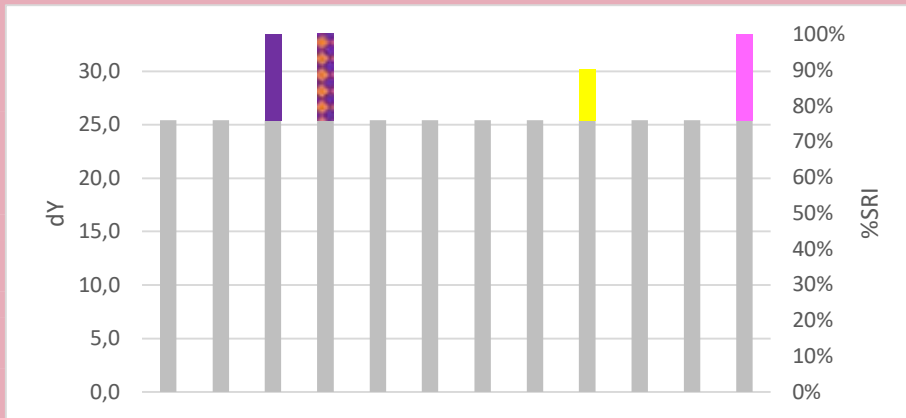
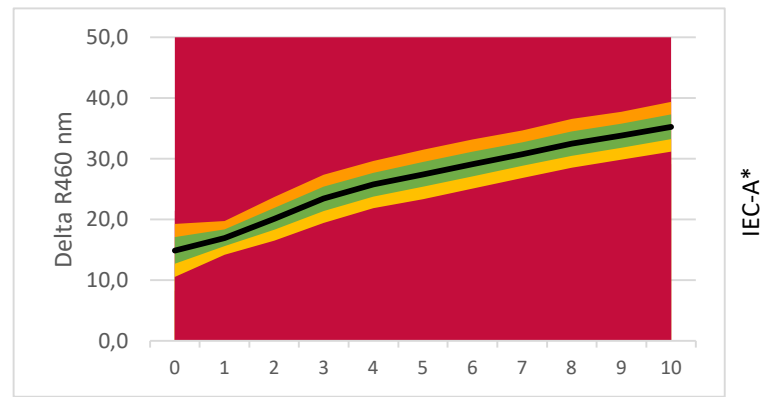
Order Code:	Substrate:	Width:	Yu:
C-S-91	Woven Cotton (CN-17)	45 cm	87,7
KC-S-91	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-91	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-91	Polyester (W-30 A)	45 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-91	PolyAcryl (PAN-01)	45 cm	89,3
S-S-91	Silk (T-601)	45 cm	83,9
W-S-91	Wool (T-541)	45 cm	67,2
N-S-91	Nylon (T-365)	45 cm	87,4

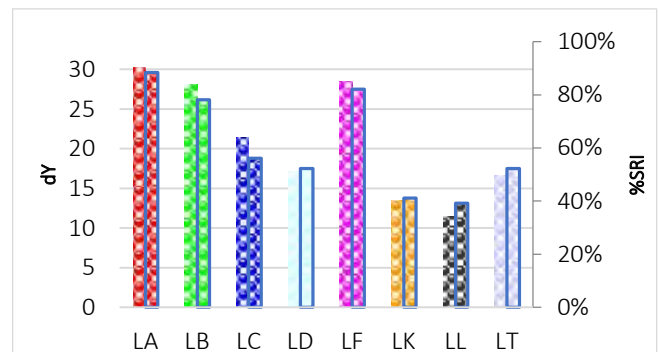
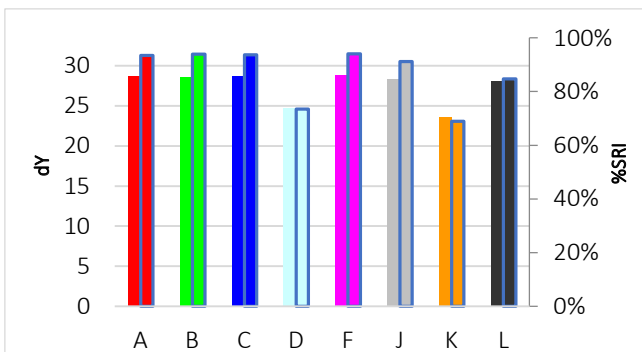
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-92

## Vegetable fat with carbon black

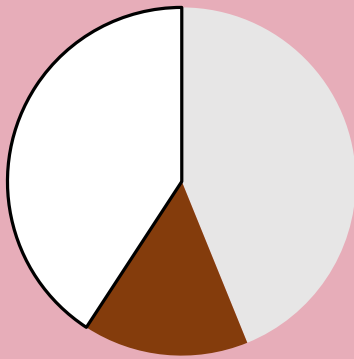


Discriminative Power: ★☆☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

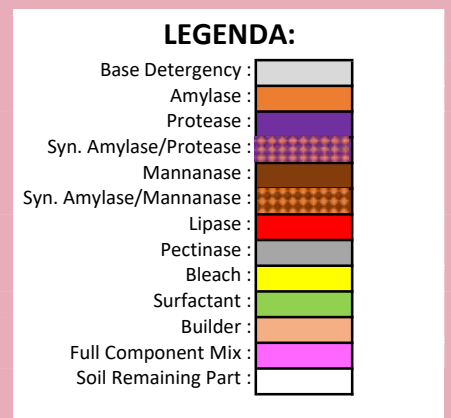
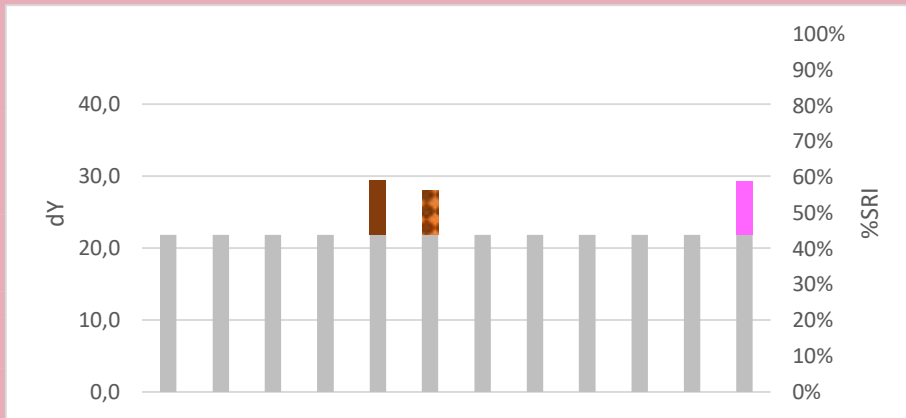
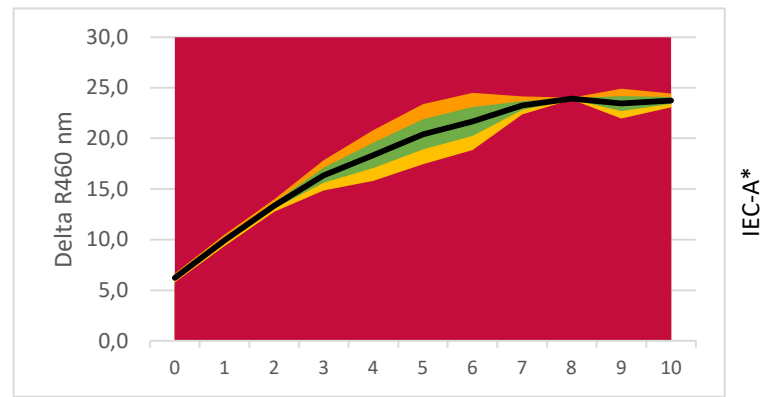
Order Code:	Substrate:	Width:	Yu:
C-S-92	Woven Cotton (T-400)	45 cm	88,9
KC-S-92	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-92	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-92	Polyester (W-30 A)	45 cm	88,4

Order Code:	Substrate:	Width:	Yu:
PA-S-92	PolyAcryl (PAN-01)	45 cm	89,3
S-S-92	Silk (T-601)	45 cm	83,9
W-S-92	Wool (T-541)	45 cm	67,2
N-S-92	Nylon (T-365)	45 cm	87,4

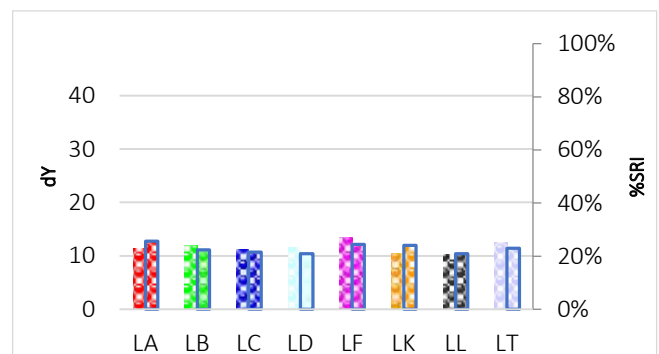
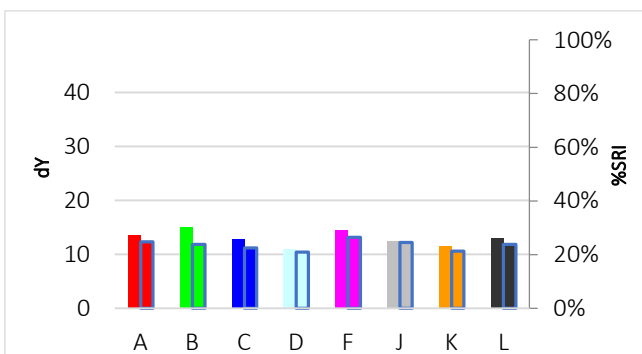
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison





# C-S-93

## Starch, coloured with food colourant

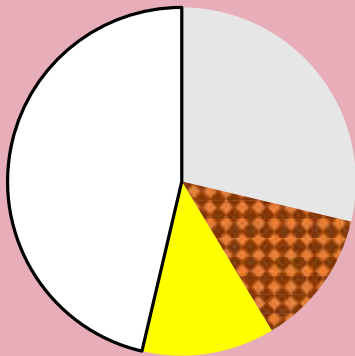


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★☆☆☆☆

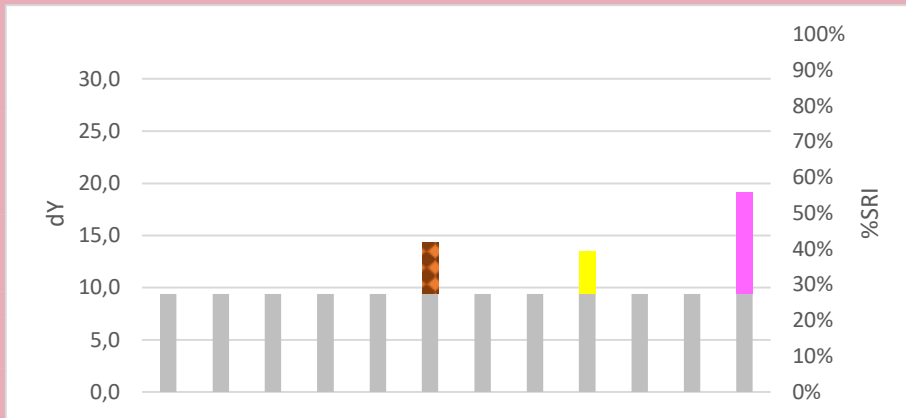
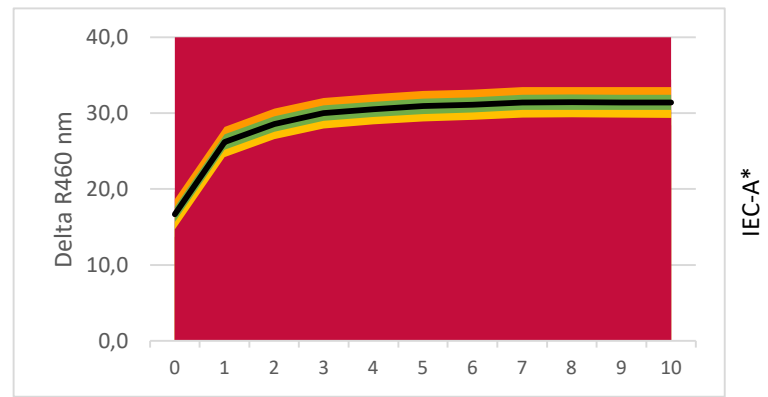
Order Code:	Substrate:	Width:	Yu:
C-S-93	Woven Cotton (T-400)	45 cm	88,9
KC-S-93	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-93	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-93	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-93	PolyAcryl (PAN-01)	45 cm	89,3
S-S-93	Silk (T-601)	45 cm	83,9
W-S-93	Wool (T-541)	45 cm	67,2
N-S-93	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



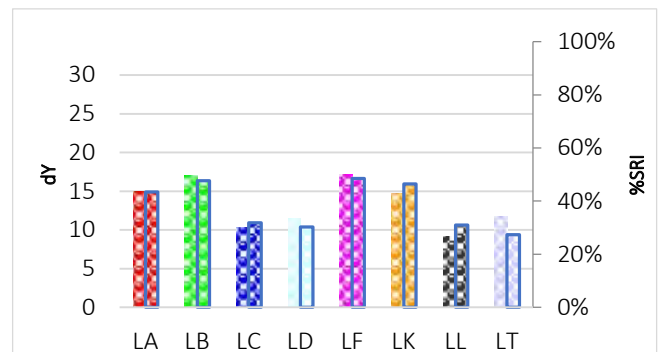
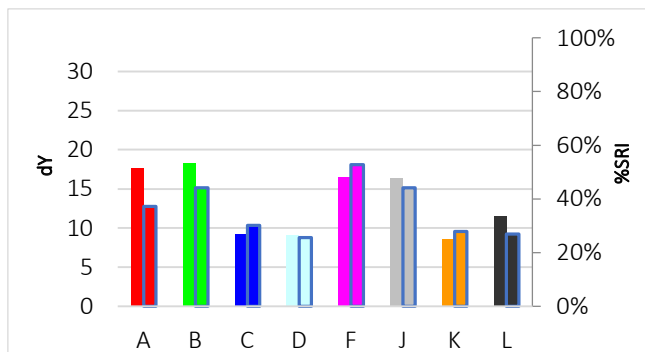
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-94

## Sebum/dust, based on ASTM 4265-98

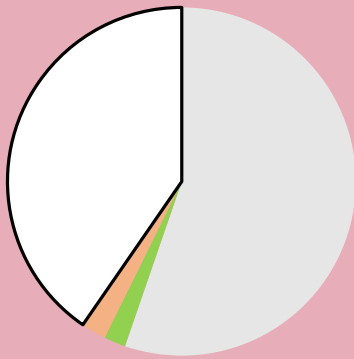


Discriminative Power: ★★☆☆☆  
 Reproducibility Ratio: ★★☆☆☆  
 Reliability Ratio: ★★☆☆☆  
 Popularity: ★★☆☆☆

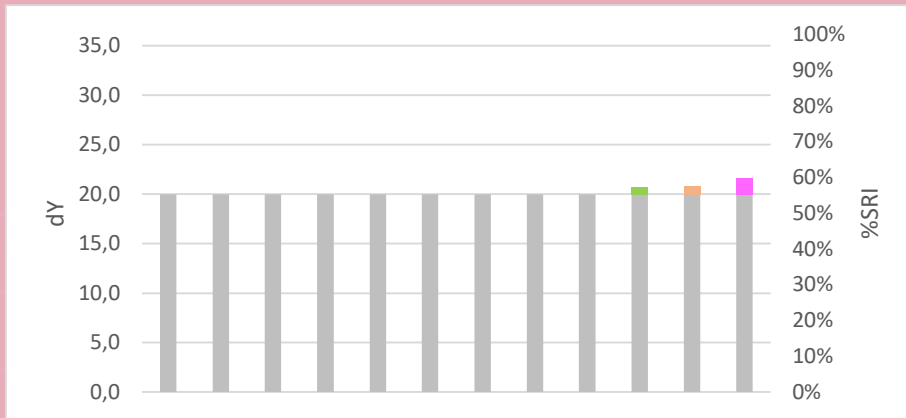
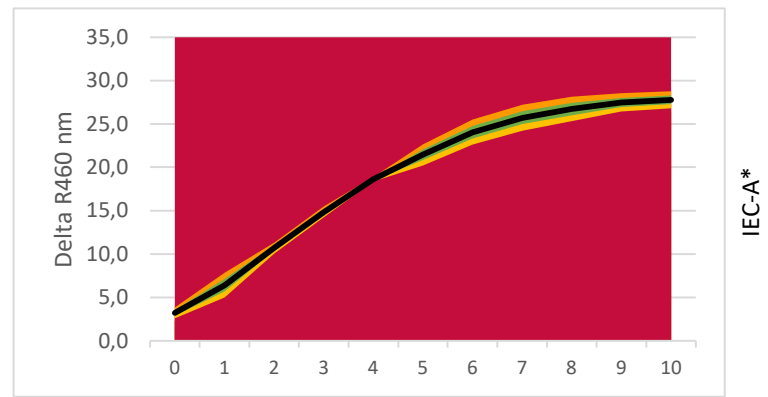
Order Code:	Substrate:	Width:	Yu:
C-S-94	Woven Cotton (CN-11)	45 cm	89,1
KC-S-94	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-94	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-94	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-94	PolyAcryl (PAN-01)	45 cm	89,3
S-S-94	Silk (T-601)	45 cm	83,9
W-S-94	Wool (T-541)	45 cm	67,2
N-S-94	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



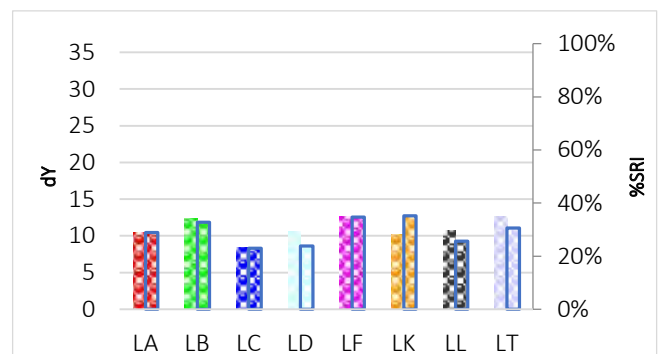
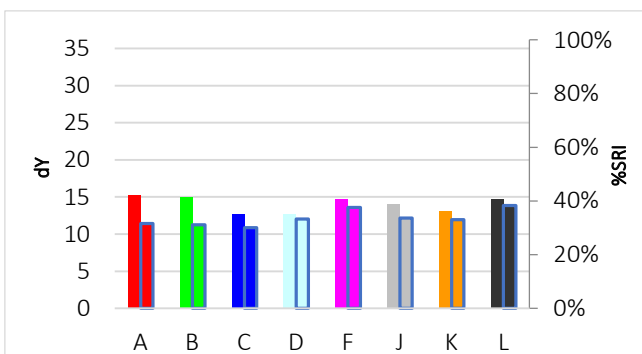
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-95

## Collar stain

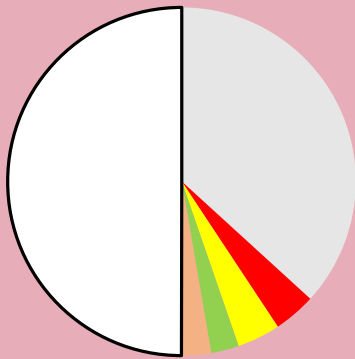


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★☆☆☆

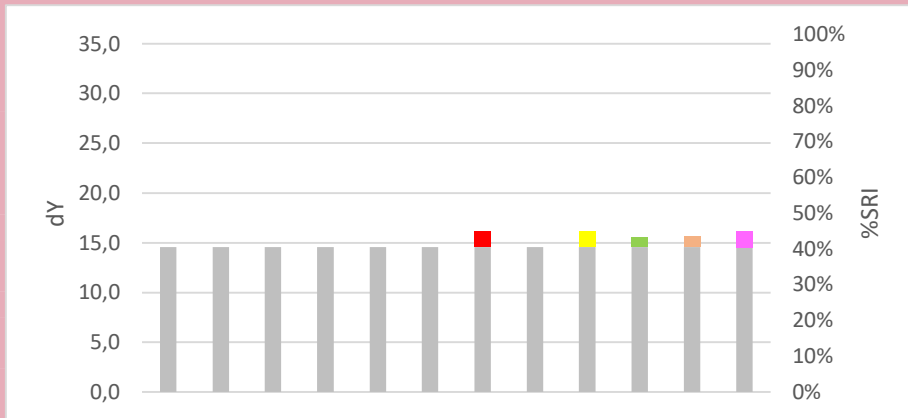
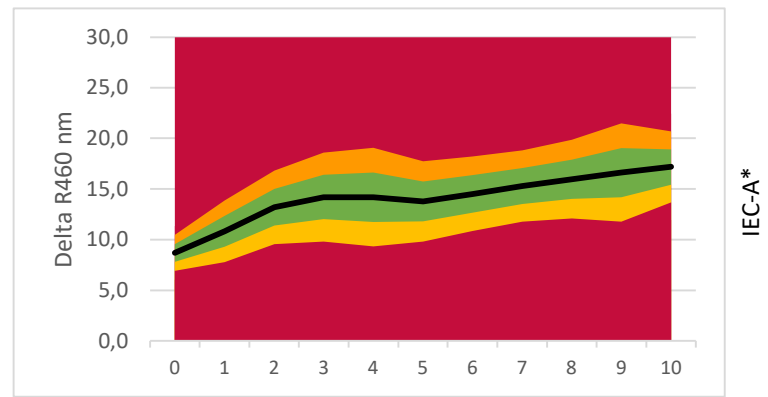
Order Code:	Substrate:	Width:	Yu:
C-S-95	Woven Cotton (T-400)	45 cm	88,9
KC-S-95	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-95	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-95	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-95	PolyAcryl (PAN-01)	45 cm	89,3
S-S-95	Silk (T-601)	45 cm	83,9
W-S-95	Wool (T-541)	45 cm	67,2
N-S-95	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



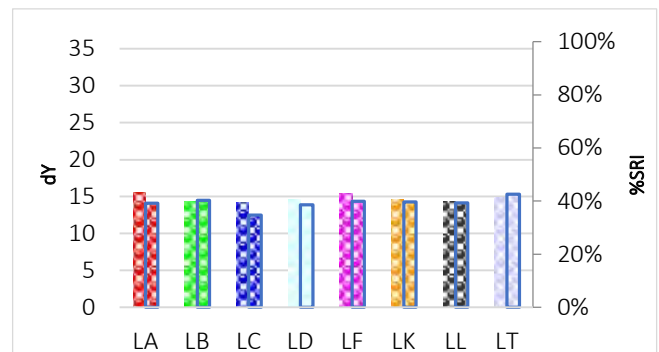
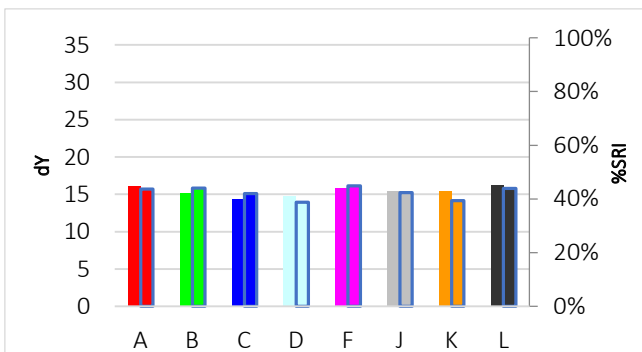
### Detergent Dosage/Response & QC



**LEGENDA:**

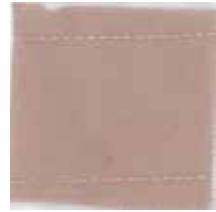
- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-96

## Grape juice

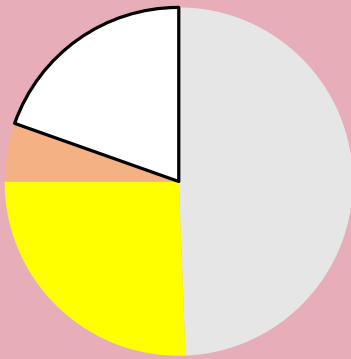


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★☆  
**Reliability Ratio:** ★★★★★☆  
**Popularity:** ★★☆☆☆

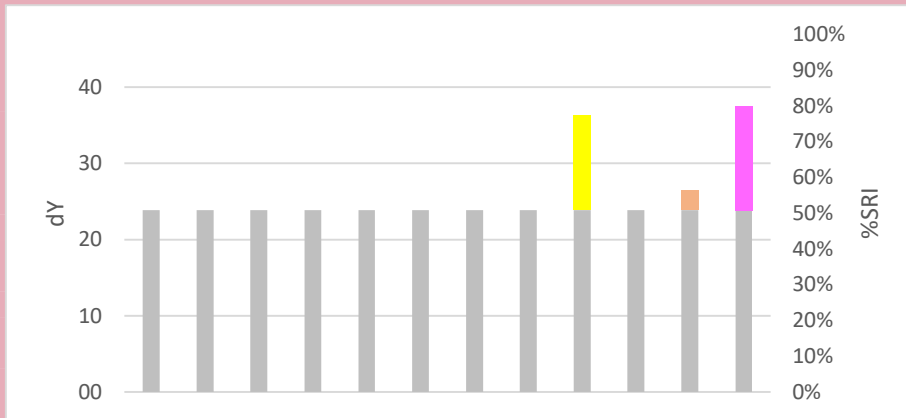
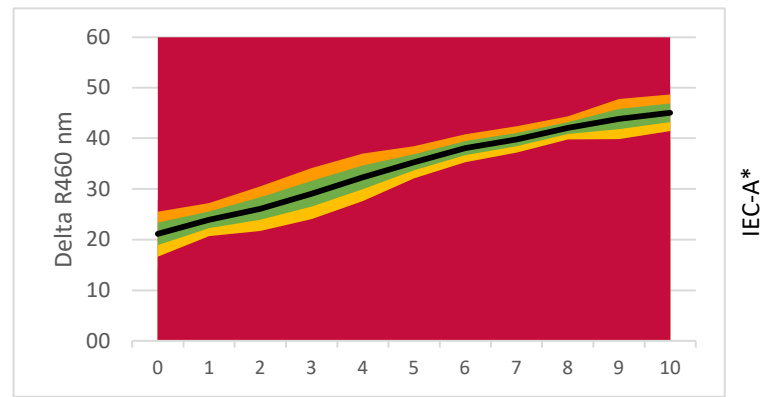
Order Code:	Substrate:	Width:	Yu:
C-S-96	Woven Cotton (CN-17)	45 cm	87,7
KC-S-96	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-96	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-96	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-96	PolyAcryl (PAN-01)	45 cm	89,3
S-S-96	Silk (T-601)	45 cm	83,9
W-S-96	Wool (T-541)	45 cm	67,2
N-S-96	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



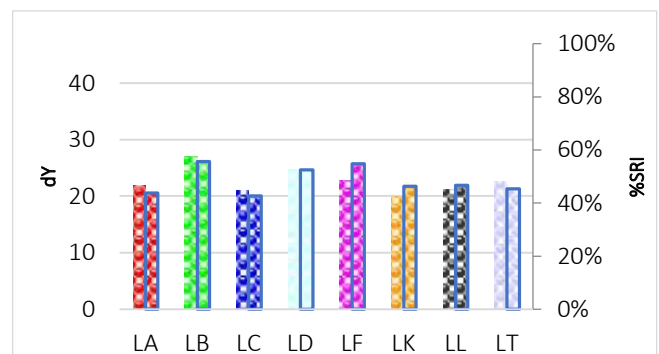
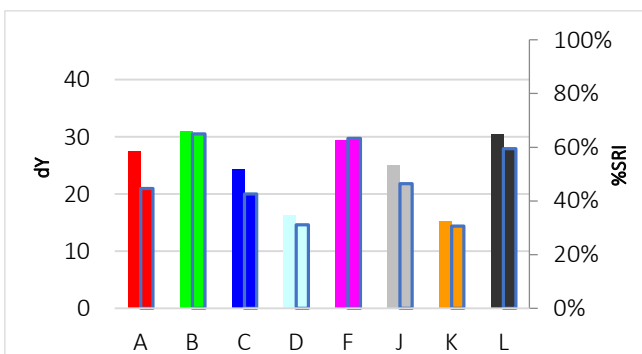
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey box]
- Amylase : [Orange box]
- Protease : [Purple box]
- Syn. Amylase/Protease : [Red and white checkered box]
- Mannanase : [Brown box]
- Syn. Amylase/Mannanase : [Orange and white checkered box]
- Lipase : [Red box]
- Pectinase : [Light blue box]
- Bleach : [Yellow box]
- Surfactant : [Green box]
- Builder : [Light blue box]
- Full Component Mix : [Pink box]
- Soil Remaining Part : [White box]

### Commercial Detergent Comparison



# C-S-97

## Highly discriminative tea

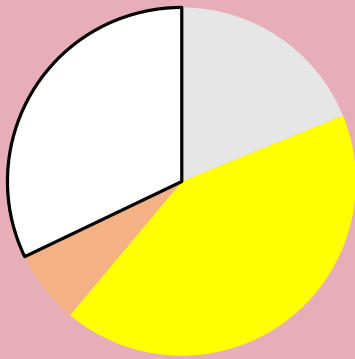


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★★★★★

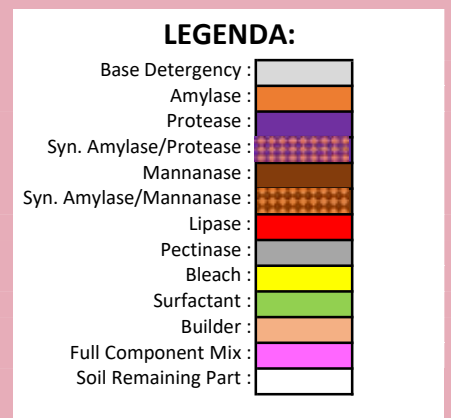
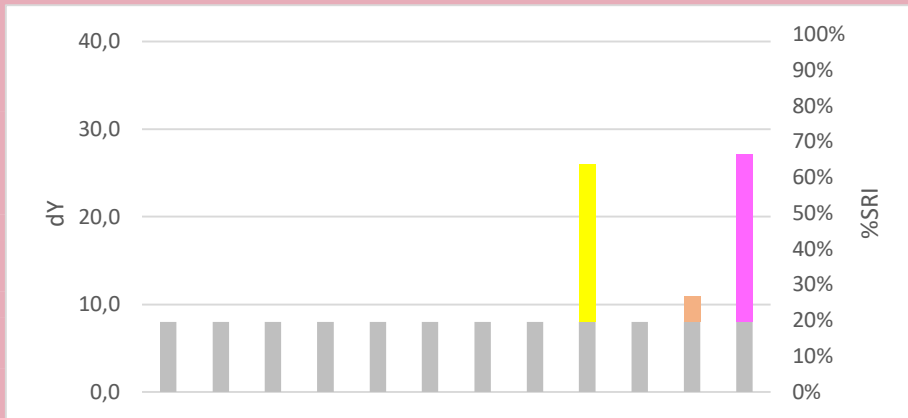
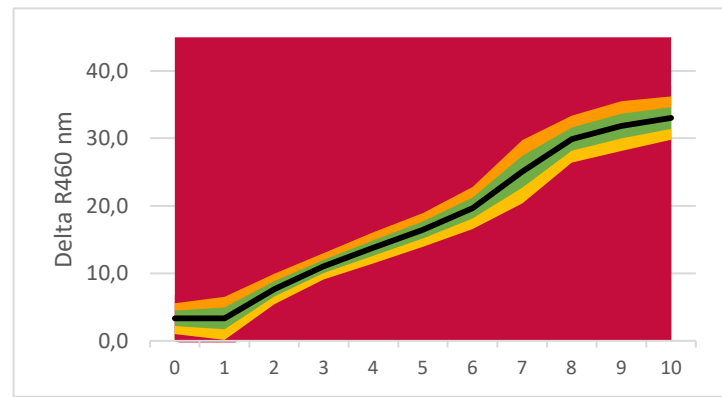
Order Code:	Substrate:	Width:	Yu:
C-S-97	Woven Cotton (CN-17)	45 cm	87,7
KC-S-97	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-97	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-97	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-97	PolyAcryl (PAN-01)	45 cm	89,3
S-S-97	Silk (T-601)	45 cm	83,9
W-S-97	Wool (T-541)	45 cm	67,2
N-S-97	Nylon (T-365)	45 cm	87,4

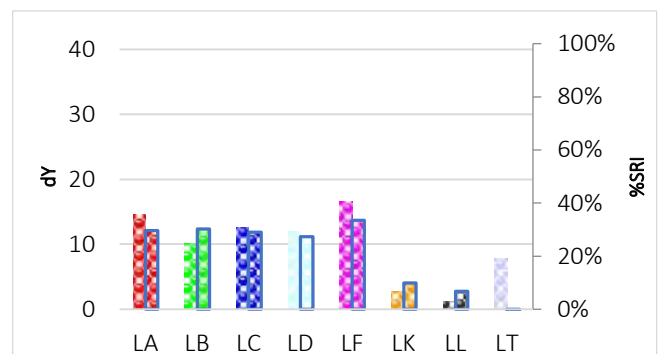
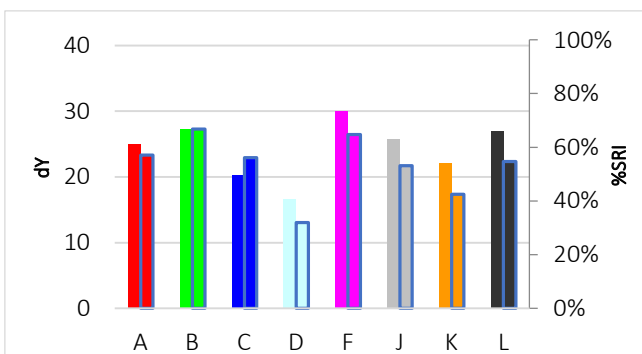
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-98

## Sebum JIS C9606

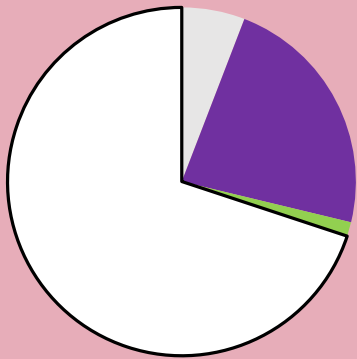


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

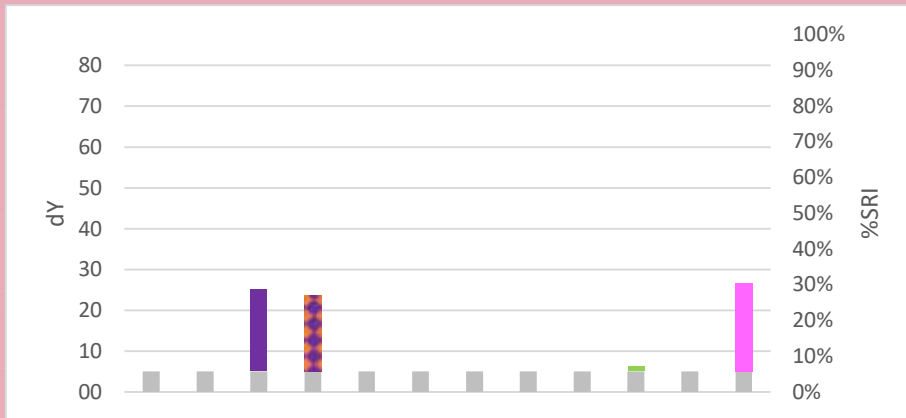
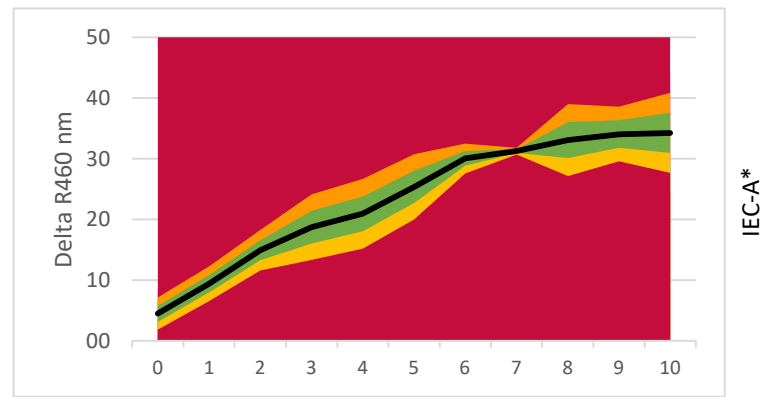
Order Code:	Substrate:	Width:	Yu:
C-S-98	Woven Cotton (CN-17)	45 cm	87,7
KC-S-98	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-98	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-98	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-98	PolyAcryl (PAN-01)	45 cm	89,3
S-S-98	Silk (T-601)	45 cm	83,9
W-S-98	Wool (T-541)	45 cm	67,2
N-S-98	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



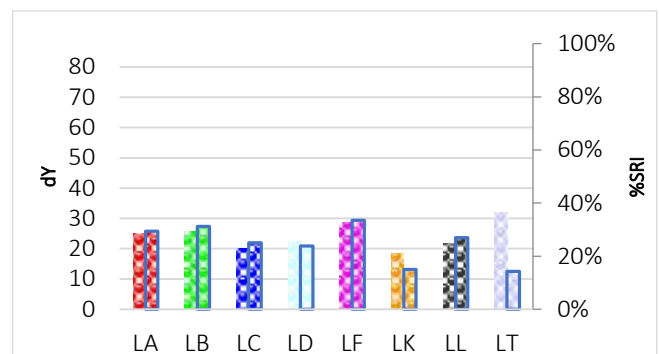
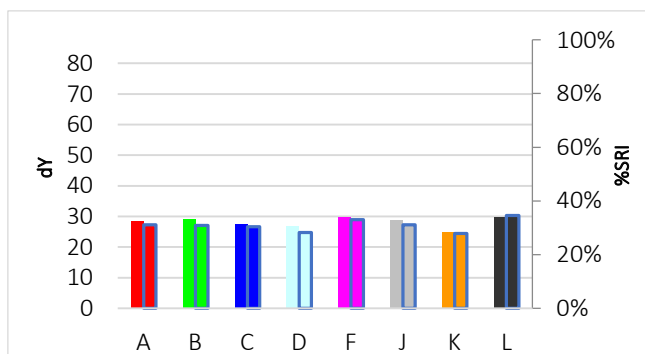
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-99

## Keratin

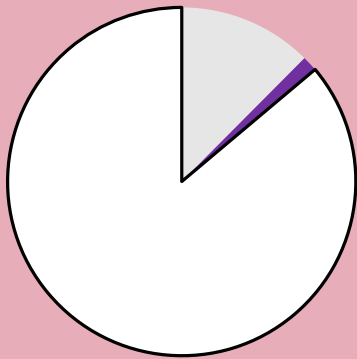


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★★★★  
**Reliability Ratio:** ★★★★★  
**Popularity:** ★☆☆☆☆

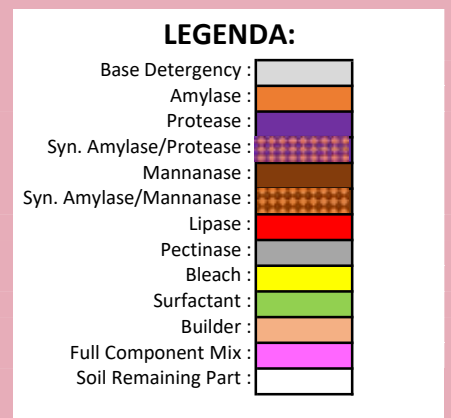
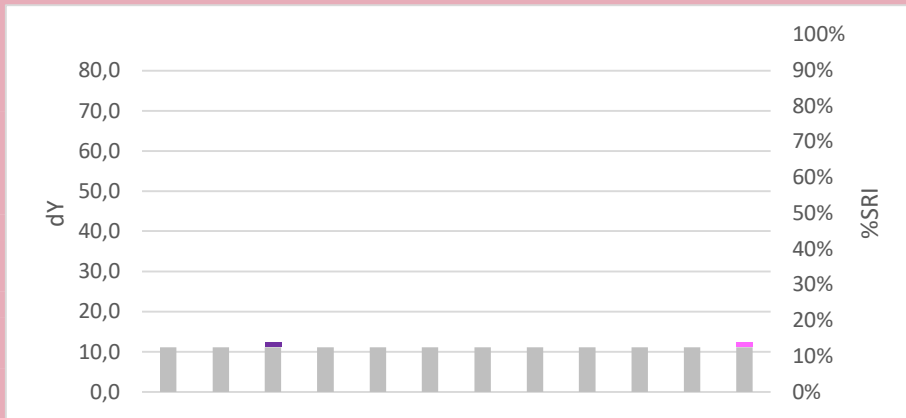
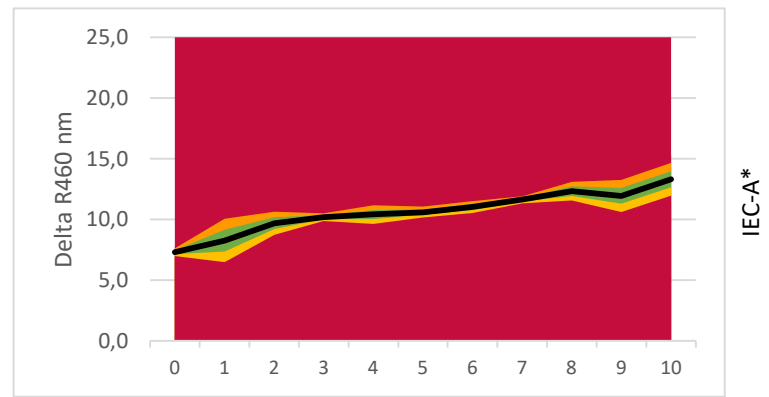
Order Code:	Substrate:	Width:	Yu:
C-S-99	Woven Cotton (CN-11)	45 cm	89,1
KC-S-99	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-99	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-99	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-99	PolyAcryl (PAN-01)	45 cm	89,3
S-S-99	Silk (T-601)	45 cm	83,9
W-S-99	Wool (T-541)	45 cm	67,2
N-S-99	Nylon (T-365)	45 cm	87,4

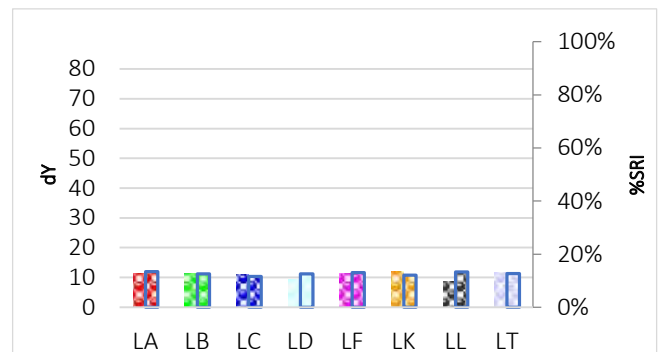
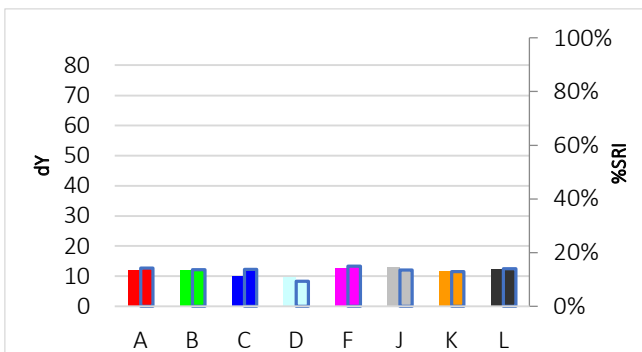
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



# C-S-100

## Chocolate rice pudding



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

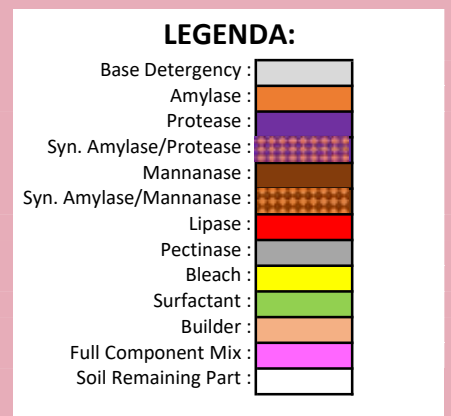
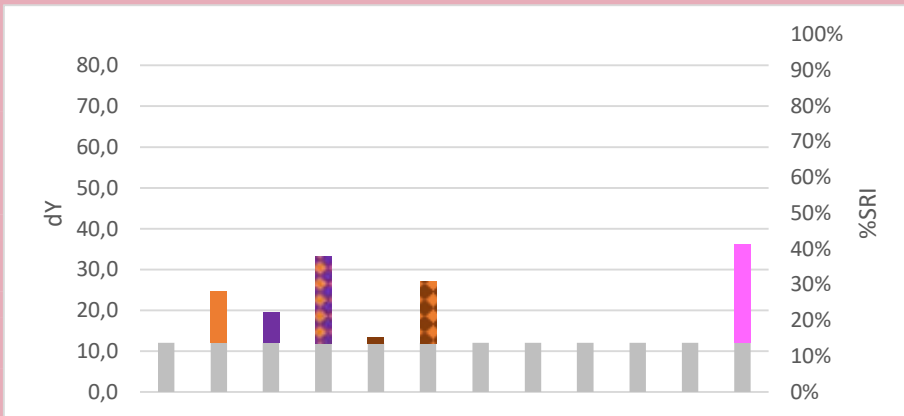
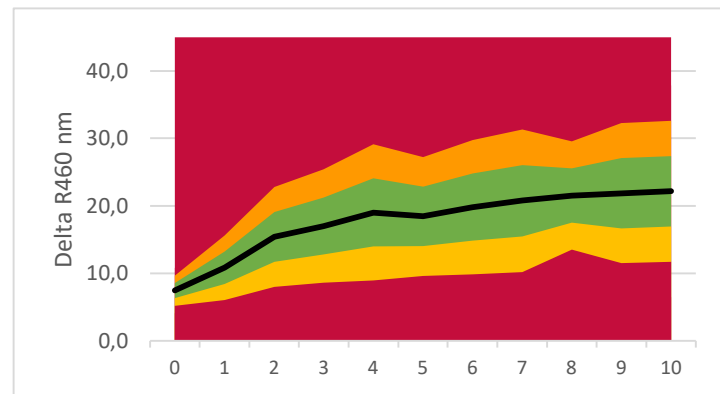
Order Code:	Substrate:	Width:	Yu:
C-S-100	Woven Cotton (CN-17)	45 cm	87,7
KC-S-100	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-100	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-100	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-100	PolyAcryl (PAN-01)	45 cm	89,3
S-S-100	Silk (T-601)	45 cm	83,9
W-S-100	Wool (T-541)	45 cm	67,2
N-S-100	Nylon (T-365)	45 cm	87,4

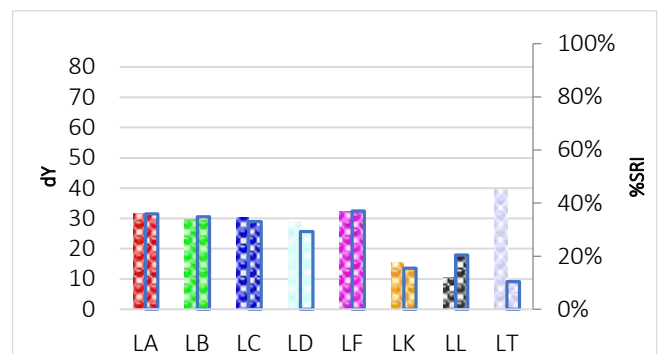
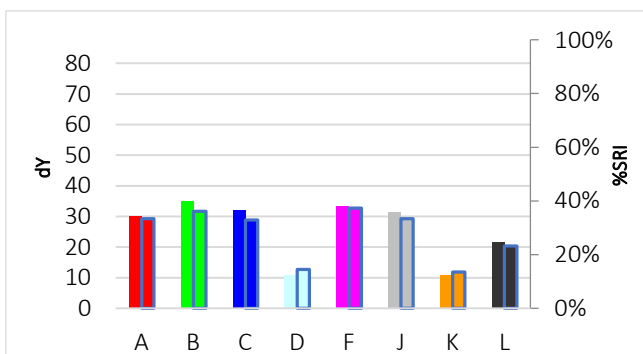
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison





# C-S-400

Curry, rice, milk



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

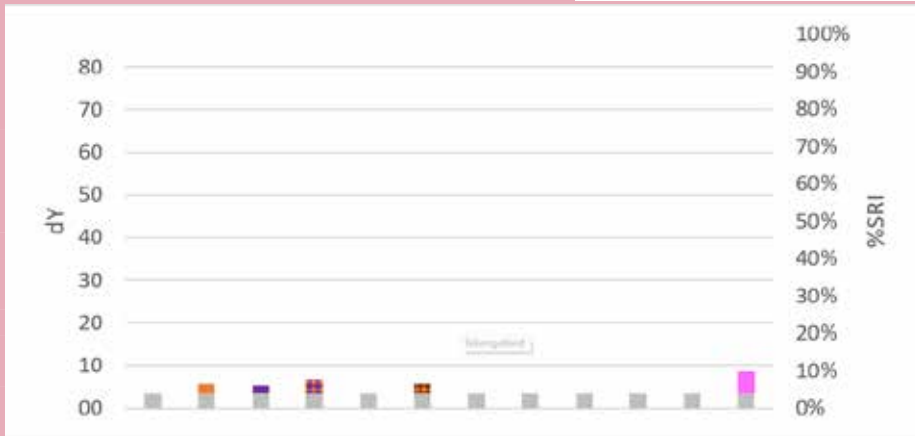
Order Code:	Substrate:	Width:	Yu:
C-S-400	Woven Cotton (CN-17)	45 cm	87,7
KC-S-400	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-400	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-400	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-400	PolyAcryl (PAN-01)	45 cm	89,3
S-S-400	Silk (T-601)	45 cm	83,9
W-S-400	Wool (T-541)	45 cm	67,2
N-S-400	Nylon (T-365)	45 cm	87,4

## Detergent Component Response



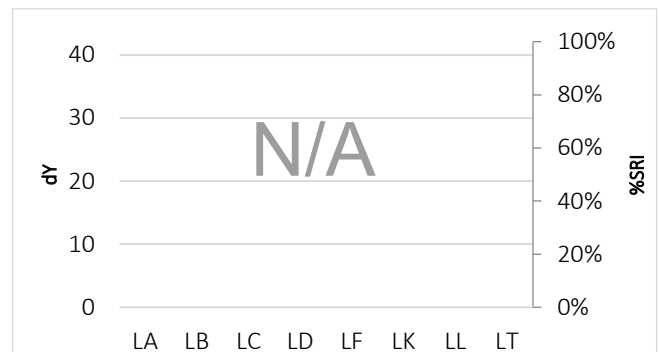
## Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [Grey]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Red/White Checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Orange/White Checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

## Commercial Detergent Comparison



# C-S-406

## Balsamic salad dressing

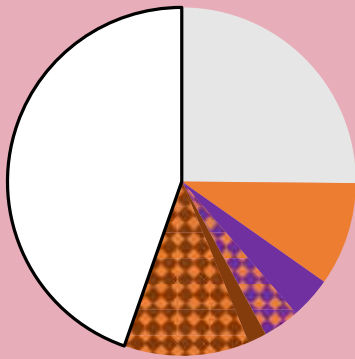


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★★★★★

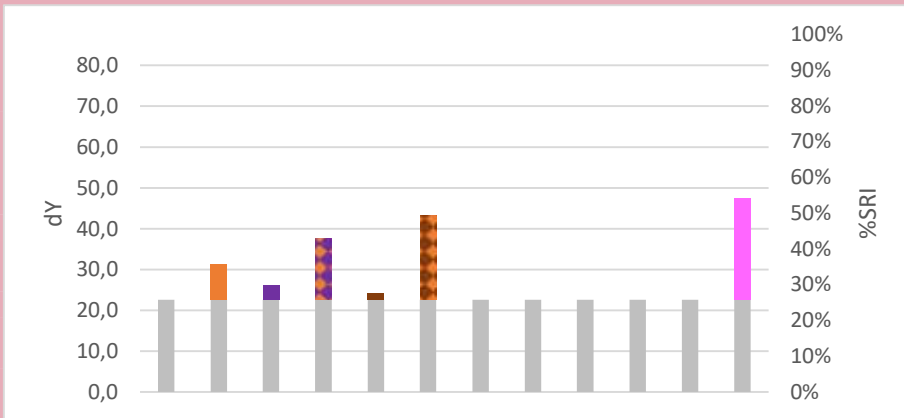
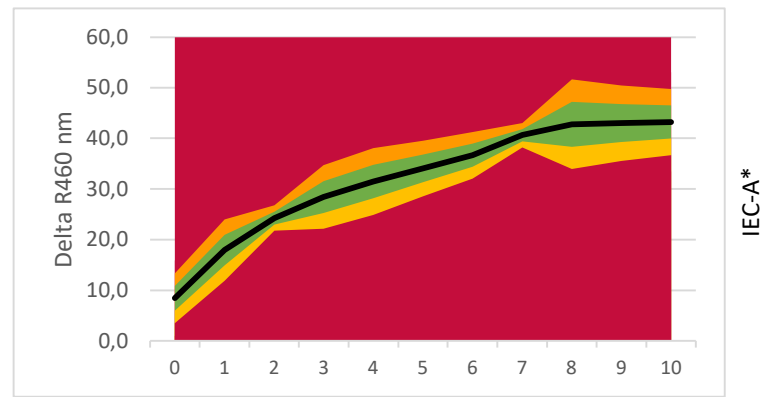
Order Code:	Substrate:	Width:	Yu:
C-S-406	Woven Cotton (CN-17)	45 cm	87,7
KC-S-406	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-406	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-406	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-406	PolyAcryl (PAN-01)	45 cm	89,3
S-S-406	Silk (T-601)	45 cm	83,9
W-S-406	Wool (T-541)	45 cm	67,2
N-S-406	Nylon (T-365)	45 cm	87,4

### Detergent Component Response



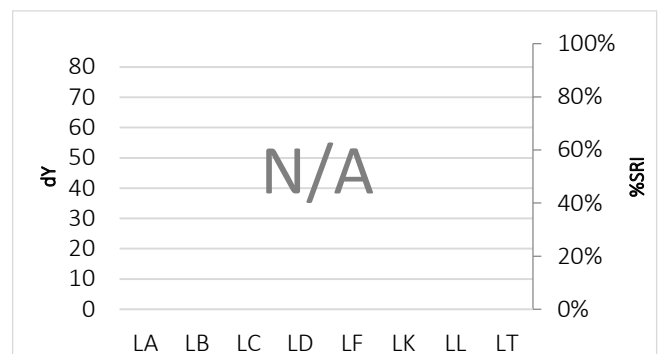
### Detergent Dosage/Response & QC



**LEGENDA:**

- Base Detergency : [White]
- Amylase : [Orange]
- Protease : [Purple]
- Syn. Amylase/Protease : [Purple/Orange checkered]
- Mannanase : [Brown]
- Syn. Amylase/Mannanase : [Brown/Orange checkered]
- Lipase : [Red]
- Pectinase : [Grey]
- Bleach : [Yellow]
- Surfactant : [Green]
- Builder : [Light Blue]
- Full Component Mix : [Pink]
- Soil Remaining Part : [White]

### Commercial Detergent Comparison



# C-S-428

## Wild rice

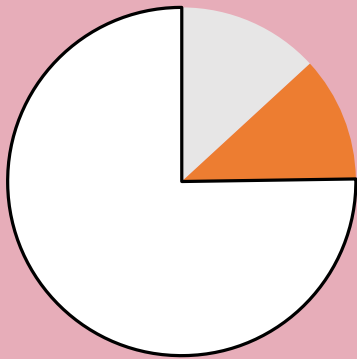


**Discriminative Power:** ★★☆☆☆  
**Reproducibility Ratio:** ★★☆☆☆  
**Reliability Ratio:** ★★☆☆☆  
**Popularity:** ★☆☆☆☆

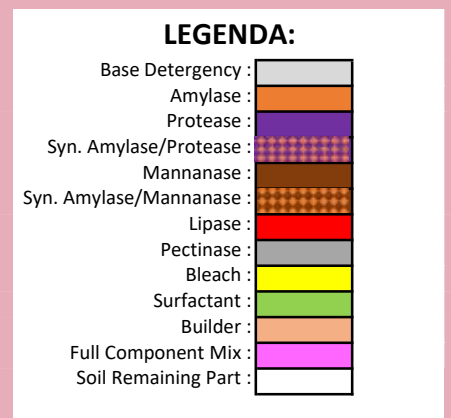
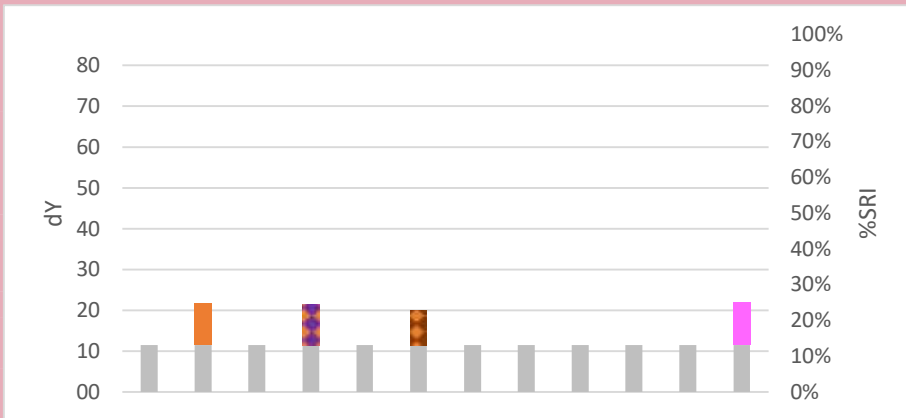
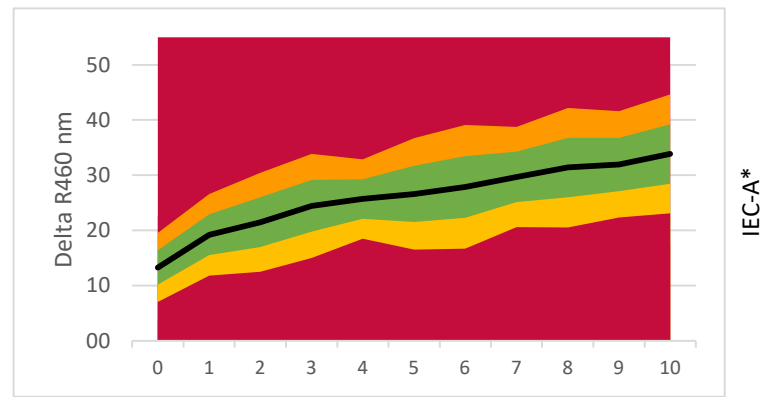
Order Code:	Substrate:	Width:	Yu:
C-S-428	Woven Cotton (CN-17)	45 cm	87,7
KC-S-428	Knitted Cotton (CN-42)	35 cm	94,5
PC-S-428	Polyester/Cotton (PCN-01)	45 cm	87,8
P-S-428	Polyester (PN-01)	45 cm	86,5

Order Code:	Substrate:	Width:	Yu:
PA-S-428	PolyAcryl (PAN-01)	45 cm	89,3
S-S-428	Silk (T-601)	45 cm	83,9
W-S-428	Wool (T-541)	45 cm	67,2
N-S-428	Nylon (T-365)	45 cm	87,4

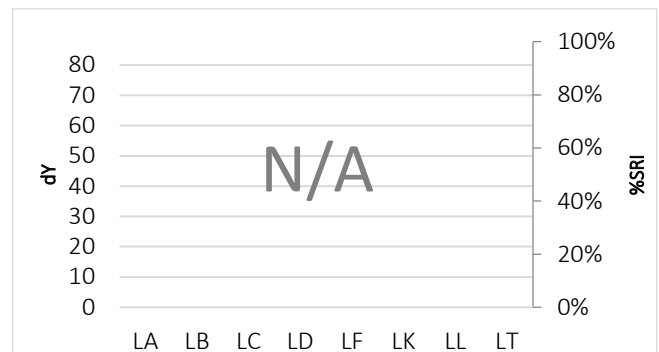
### Detergent Component Response



### Detergent Dosage/Response & QC



### Commercial Detergent Comparison



## Index

Code	Description		Code	Description	
C-S-13	Apple juice, aged	46	C-S-46B	Frying fat, used, coloured violet dye	87
C-S-59	Asian food stain	102	C-S-37	Full egg with carbon black	77
C-S-77B	Baby food banana/strawberry	125	C-S-39	Full egg with carbon black, aged	79
C-S-77	Baby food carrot/potato	124	C-S-96	Grape juice, diluted concentrate	145
C-S-406	Balsamic dressing	151	C-S-08	Grass, extract	40
C-S-64	Beef fat with carbon black	110	C-S-07	Grass, pure	39
C-S-61X	Beef fat, coloured w. safe food colorant	106	C-S-80	Grass/mud	128
C-S-61	Beef fat, coloured with Sudan red	104	C-S-82	Gravy from meat	130
C-S-61B	Beef fat, coloured with violet dye	105	C-S-43	Guar gum with carbon black	83
C-S-15	Bil(blue)berry juice	48	C-S-132	High discriminative sebum BEY, pig.	72
C-S-115	Bil(blue)berry juice, not aged	49	C-S-97	Highly discriminative tea	146
C-S-41	Black laboratory clay	81	C-S-76	Household dust	123
C-S-21	Blackberry juice, aged	58	C-S-88	Indian curry	136
C-S-112	Blackcurrant juice	45	C-S-81	Jam, forest fruit	129
C-S-12	Blackcurrant juice, aged	44	C-S-99	Keratin	148
C-S-75	Blood with beef fat	122	C-S-22	Kiwi juice, aged	59
C-S-01	Blood, aged	31	C-S-66	Lanoline with carbon black	112
C-05	Blood, Milk, Ink (BMI)	14	C-S-62X	Lard, coloured with safe food colourant	109
C-105	Blood, Milk, less Ink	15	C-S-62	Lard, coloured with Sudan red	107
C-S-85	Blood, sheep's, double application,aged	132	C-S-62B	Lard, coloured with violet dye	108
C-S-101	Blood, slightly aged	32	C-S-216	Lipstick, diluted red	52
C-S-10	Butterfat with colourant	42	C-S-116	Lipstick, diluted, pink	51
C-S-14	Cherry juice, aged	47	C-S-16	Lipstick, pink	50
C-S-87	Chinese chili sauce	134	C-S-73	Locustbeangum with pigment	120
C-S-87S	Chinese garlic chili sauce	135	C-S-23	Mango juice, aged	60
C-S-89	Chinese hot pot	137	C-S-05S	Mayonnaise with carbon black	37
C-S-89S	Chinese hot pot sateh	138	C-11	Milk with carbon black	20
C-S-44	Chocolate drink, pure	84	C-S-91	Minced meat	140
C-S-68	Chocolate ice cream, aged	114	C-01	Mineral oil with carbon black	9
C-03	Chocolate milk with carbon black	12	C-01S	Mineral oil with carbon black - improved	10
C-S-70	Chocolate mousse	116	C-07	Motor oil with carbon black	16
C-S-170	Chocolate mousse, aged	117	C-S-67	Mustard	113
C-S-69	Chocolate pudding	115	C-S-54	Oatmeal, coloured with chocolate, aged	97
C-S-100	Chocolate rice pudding	149	C-02	Olive oil with carbon black with TA	11
C-S-45	Chocolate soymilk drink, aged	85	C-04	Olive oil with chlorophyl with TA	13
C-S-56	Coca Cola ,aged	99	C-S-55	Orange juice, aged	98
C-S-02	Cocoa, aged	33	C-S-86	Oyster sauce	133
C-BC-02	Coffee for bleach	25	C-S-19	Peach juice, aged	55
C-S-52	Coffee with cream, aged	94	C-S-53	Pectate with carbon black	95
C-S-51	Coffee with milk, aged	93	C-S-53B	Pectin with carbon black	96
C-S-49	Coffee, black, aged	91	C-08	Pigment with oil (above 60°C)	17
C-S-50	Coffee, black, espresso, aged	92	C-09	Pigment with oil (below 60°C)	18
C-S-95	Collar stain	144	C-12	Pigment, oil, low milk content	21
C-S-26	Corn starch, coloured	63	C-10	Pigment, Oil, Milk (POM)	19
C-S-126	Corn starch, coloured, aged	67	C-S-27	Potato starch, coloured	64
C-S-83	Crema di balsamico, aged	131	C-S-127	Potato starch, coloured, aged	68
C-S-34	Curry	74	C-BC-05	Red beet for bleach	28
C-BC-04	Curry for bleach	27	C-S-57	Red beet, aged	100
C-S-400	Curry, rice, milk	150	C-S-24	Red pepper	61
C-S-65	Dirty Motor Oil (DMO)	111	C-S-11	Redcurrant juice, aged	43
C-S-09	Egg yolk	41	C-S-28	Rice starch, coloured	65
C-S-36	Egg yolk with carbon black	76	C-S-128	Rice starch, coloured, aged	69
C-S-38	Egg yolk with carbon black, aged	78	C-S-06	Salad dressing with natural black	38
C-S-35	Egg yolk, aged	75	C-S-04	Saturated with coloured olive oil	36
C-S-17	Fluid make-up	53	C-S-32	Sebum BEY with carbon black	71
C-S-72	Forest fruit ice cream	119	C-S-98	Sebum JIS C9606	147
C-S-46C	Frying fat, burnt, with carbon black	88	C-S-33	Sebum TEFO with carbon black	73
C-S-46	Frying fat, used	86	C-S-94	Sebum/dust, based on ASTM 4265-98	143

Code	Description	
C-13	Soot, water solvable thickening agent	22
C-S-90	Soy sauce with starch	139
C-S-58	Soy sauce, aged	101
C-S-78	Soybean oil with pigment	126
C-S-60	Spaghetti sauce with beef	103
C-S-25	Spinach concentrate	62
C-S-42	Standard clay	82
C-S-93	Starch, coloured with chocolate	142
C-BC-06	Strawberry for bleach	29
C-S-71	Strawberry ice cream	118
C-S-18	Strawberry juice, aged	54
C-S-29	Tapioca starch, coloured	66
C-S-129	Tapioca starch, coloured, aged	70
C-BC-03	Tea for bleach (low temperatures)	26
C-BC-01	Tea for bleach (med./high temp)	24
C-S-48	Tea with milk, aged	90
C-S-47	Tea, aged	89
C-S-74	Tobacco	121
C-S-20	Tomato	56
C-S-120	Tomato, double application	57
C-S-79	Tomato, Napolina	127
C-S-92	Vegetable fat with carbon black	141
C-S-428	Wild rice	152
C-S-103	Wine	35
C-S-03	Wine, aged	34
C-S-40	Yellow modelling clay	80