



# SM-24

## Global Standards monitor

### Save time, save costs with the Global Standards monitor SM-24

The development of a new detergent involves a lot of testing, especially if it has to be tested according to all the standards that apply worldwide. Standards like IKW 2024, Aise, StiWa, Ecolabel, ASTM D4265-14, etc, and consumer organisations all have their own indication of what result a detergent must show in a washtest. The swatches we selected for the SM-24 Global Standards monitor show the performance of most worldwide well known standards. In just one wash this monitor set will give a result and overview of the qualities of your new detergent and it will help you to predict how your detergent will score in standards worldwide. It will save you time, effort and costs.

### Double monitor, to test all components

The SM-24 Global Standards monitor consists of 2 parts: part A has soils that are sensitive to different enzymes and bleach, part B has soils that are sensitive to surfactants and lipase. They have to be used in the same wash cycle.



Stain	IKW 2024	AISE Std 2020	StiWa	Consumentenbond	Ecolabel	ASTM D4265-14	AS/NZ Detergent	JB China	JIS Japan	CFT SM-04 2024	CFT SM-08	CFT SM-10	E-102	IEC 60456	AS/NZ Mach	CFT SM-24	Represented in standards	Category
Red Wine	X	X	X	X	X	X	X			X	X		X	X		KC-H026	12	
Tea	X	X	X	X	X	X	X			X	X	X	X			C-S-97	12	
Sebum	X		X	X	X		X	X		X	X	X		X		C-S-132	11	
Blood	X	X	X	X		X	X			X	X		X	X		C-S-01	11	
Chocolate (Milk)	X	X	X	X	X		X			X			X	X		C-S-45	10	
Grass	X	X	X	X		X	X			X	X		X			C-S-07	10	
Unused Engine Oil	X	X	X	X			X	X		X				X		C-01s	9	
Tomato (sauce)	X	X	X	X		X	X				X		X			KC-H079	9	
Make-up	X	X		X		X	X			X	X		X			C-S-17	9	
Coffee	X	X	X	X		X	X			X						KC-H109	8	
Beef fat (red dye)	X	X	X	X		X							X			WE5BBPC2	7	
Fruit Juice (Blueberry)	X	X	X	X		X				X						C-S-15	7	
Grass/Mud	X	X	X	X		X	X									C-S-80	7	
(Chocolate) Dessert	X		X	X		X				X		X				C-S-69	7	
Sebum on PE	X		X		X	X	X			X						PC-S-94	7	
Salad Dressing	X	X	X	X						X						C-S-406	6	
Lipstick	X		X							X	X	X				PC-S-216	6	
Chocolate Ice	X		X			X	X				X					C-S-68	6	
Clay			X	X			X				X		X			C-S-41	6	
Used Frying Fat			X	X		X	X				X					KC-H015	6	
(Rice) Starch					X		X	X		X		X				C-S-28	6	
Butter	X			X		X					X		X			KC-H187	6	
Collar Stain	X		X						X	X						C-S-98	5	
Gravy	X		X			X	X									C-S-82	5	
Egg (yolk)					X			X		X		X				C-S-38	5	
Olive oil					X	X	X			X						C-02	5	
Clean	X						X			X				X		CN-17	5	
Ketchup / Spaghetti Sauce			X	X			X									KC-H157	4	
Lard (red dye)	X		X										X			PC-S-62	4	
Curry	X		X										X			KC-H194	4	
Mustard		X		X		X										C-S-67	4	
Baby Food				X			X				X		X			-	4	
Sauce (Mayonaise+pigment)			X							X						C-S-05s	3	
Oatmeal			X							X						C-S-54	3	
Pigment Oil							X								X	C-10	3	
Locustbeangum							X			X						C-S-73	3	
Used Engine Oil						X					X		X			-	3	
Banana			X													C-H239	2	
Corn Starch										X						C-S-26	2	
Blood/Milk/Ink										X						C-05	2	

(Red X: CFT swatch or circular stain used in standard)

**Legend**

- Base detergency
- Protease
- Mannanase
- Lipase
- Bleach
- Builder
- Amylase
- Syn. Amy/Pro
- Syn. Amy/Man
- Pectinase
- Surfactant
- Syn.Full

**Part A - sensitive to enzymes and bleach**



**Part B - sensitive to surfactants and lipase**

