

# TEST 108

## Serial number: 278

**Test strips according to IEC 60456, (IEC 5th Ed / IEC 5th Ed AMD 1/ EN 3th Ed. / A12)**

(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

**Limit date for use:** April 2025

**Storing conditions:** On receipt of a batch of test strips, the strips must be stored at once in a cool, dark place and kept well packed.

Storage temperature: Between -20°C and +5°C.

Packaging: vacuumed

**Please note:** Before opening a packet of test strips please allow packet to acclimatise to room temperature.

**Base material:** Cotton fabric, cretonne, bleached, without brightener according IEC 5th Ed. / IEC 5th Ed. AMD 1 / EN 3th Ed./A12

**Tristimulus values Y:** unsoiled 90.36 0.49

soiling	soiled fabric	cotton 60°C 103.4 g IEC-P	cotton 60°C 169.1 g IEC-P	cotton 40°C 169.1 g IEC-P	cotton 60°C 84.6 g IEC-P	ratio		defined ratios and tolerances	
						40°C / 60°C	60°C 84.6 g / 169.1 g	40°C / 60°C	60°C 84.6 g / 169.1 g
Sebum/Pigments	49.8 0.26	69.5 0.62	71.0 0.73	67.3 0.53	69.0 0.59	0.95	0.97	0.95 ± 0.03	0.98 ± 0.03
Carbon blacks	24.7 0.28	48.1 0.68	53.6 1.03	48.1 0.82	46.1 0.93	0.90	0.86	0.89 ± 0.03	0.91 ± 0.05
sterilized proteins	19.3 0.20	83.8 0.44	85.9 0.27	77.9 0.36	81.6 0.73	0.91	0.95	0.85 ± 0.10	0.92 ± 0.09
chocolate / milks	37.5 0.43	65.2 0.70	69.2 0.87	62.7 0.16	64.1 1.13	0.91	0.93	0.88 ± 0.06	0.90 ± 0.05
Aged Red Wines	44.5 0.21	65.9 0.30	72.2 0.43	61.9 0.27	63.7 0.21	0.86	0.88	0.87 ± 0.04	0.90 ± 0.04
Sum	175.8 0.39	332.4 1.71	351.9 1.93	318.0 1.32	324.4 2.80	0.90	0.92	0.88 ± 0.04	0.92 ± 0.03

**Washing conditions:**

According to IEC 60456, (IEC 5th Ed./ IEC 5th Ed. AMD1 / EN 3th Ed.)  
 Washed with Wascator FOM71 CLS  
 Number of cycles: 5  
 IEC base powder type P, Batch: 141-832  
 Sodium Percarbonate, Batch: 152-175  
 TAED, Batch: 16047-22  
 Water hardness: 2.5 mmol/l  
 Load: 5 kg cotton base load

**Measuring conditions:**

Instrument: DC 800V (Spectrophotometer)  
 Illuminant / observer: D65 / 10°  
 Measuring geometry: d/8°  
 Wavelength range: 420 to 750nm  
 UV filter: UV barrier at 420nm  
 Measuring diameter: 26mm  
 Gloss: excluded