

TEST 109

Serial number: 296

Test strips according to ANSI/AHAM HLW-2-2020  
(STANDARD REFERENCE MATERIAL FOR TECHNICAL TESTS ONLY)

Limit date for use: July 2026

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 AHAM HLW-2-2020.

Tristimulus values Y:

unsoiled90.350.26

soiling	soiled fabric	cotton 20°C VA	cotton 40°C	ratio 20°C / 40°C	defined ratios and tolerances 20°C / 40°C
Sebum/Pigments	50.3 0.4	62.0 0.15	65.8 0.39	0.94	0.93 ± 0.04
Carbon blacks	24.7 0.4	38.3 1.11	44.8 0.38	0.85	0.90 ± 0.09
sterilized proteins	19.2 0.6	73.2 0.46	80.5 0.28	0.91	0.92 ± 0.09
chocolate / milks	38.7 1.2	58.5 0.91	70.2 0.87	0.83	0.87 ± 0.05
Aged Red Wines	45.0 0.8	56.9 0.37	59.5 0.87	0.96	0.96 ± 0.04
Sum	178.0 2.0	288.9 2.57	320.8 2.18	0.90	0.92 ± 0.04

Washing conditions: According to AHAM HLW-2-2020  
Washed with Wascator FOM71 CLS  
Number of cycles: 5  
Detergent according to AHAM-HLW-2-2020, Annex A.5  
(IEC A\*/P BASE plus 1.05 % Na-Percarbonate)  
Dosage: 60.2 g  
Water hardness: 50ppm

Measuring conditions: Instrument: Spectraflash 500  
Illuminant / observer: D65 / 10°  
Measuring geometry: d/8°  
Wavelength range: 420 to 750nm  
UV filter: UV barrier at 420nm  
Measuring diameter: 26mm  
Gloss: excluded

