

Technical Data Sheet

Colorona® Aborigine Amber Cosmetic Pigment

PRODUCT NO.	017488
INCI NAME:	Mica (and) Iron Oxides (and) Titanium Dioxide
APPEARANCE:	Lustrous brown powder with gold highlights

CHEMICAL COMPOSITION:	%	C.I.No.	CAS No.	EINECS No.
Mica	48.0 – 65.0	77019	12001-26-2	310-127-6
Fe ₂ O ₃ and Fe ₃ O ₄	33.0 – 46.0	77499	1317-61-9	215-277-5
		77491	1309-37-1	215-168-2
TiO ₂	2.0 – 6.0	77891	13463-67-7	236-675-5

PARTICLE SIZE: 10.0 – 60.0 µm (80 % within range)
(Laserbeam Diffraction; Malvern 2000) 18.0 – 25.0 µm (D50: median size)

pH: 6.0 – 10.0
(10 % aqueous dispersion; ISO 787-9)

LOSS ON DRYING: < 0.5 %
(105°C, 2 hours; ISO 787-2)

MICROBIAL PURITY: Total Viable Aerobic Count < 100 CFU/g
(USP, Ph. Eur.)

E. coli	absent in 1 g
Pseudomonas aeruginosa	absent in 1 g
Staphylococcus aureus	absent in 1 g
Salmonella species	absent in 10 g
Gram negative bacteria	absent in 1 g
Candida albicans	absent in 1 g

HEAVY METALS: (Modified CTFA and internal methods)

As < 2 ppm	Hg < 1 ppm
Ba < 50 ppm	Ni < 10 ppm
Cd < 3 ppm	Pb < 10 ppm
Cr < 100 ppm	Sb < 1 ppm
Cu < 50 ppm	Zn < 50 ppm

ADDITIONAL DATA:

The following data are included for informational purposes only and are not part of the product specifications.

BULK DENSITY: (Scott Volumeter) 2.5 – 3.5 g/in³
OIL ABSORPTION: (ASTM D281-84) appr. 90 g/100 g pigment
SHELF LIFE: 5 Years

DATE: 06/2007

Rona

