

technical datasheet

1.17375 Colorona® Sienna Sparkle

Cosmetic Pigment

CHEMICAL COMPOSITION:	%	COLOR INDEX NO.	CAS NO.	EINECS NO.
Mica	59.0 - 68.0	77019	12001-26-2	310-127-6
Iron Oxide	32.0 - 41.0	77491	1309-37-1	215-168-2

INCI NAME: Mica, CI 77491 (Iron Oxides)

APPEARANCE: Red sparkling powder

PARTICLE SIZE: 10.0 - 125.0 µm (80 % within range)
(laser diffraction) 25.0 - 37.0 µm (D₅₀: median size)

pH: 5.0 - 9.0
(10% aqueous suspension, ISO 787-9)

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

MICROBIAL PURITY: (USP, Ph. Eur., JP.)	Total Viable Aerobic Count	≤ 100 CFU/g
	E. coli	absent in 1 g
	Pseudomonas aeruginosa	absent in 1 g
	Staphylococcus aureus	absent in 1 g
	Salmonella species	absent in 10 g
	Candida albicans	absent in 1 g
	Gram negative bacteria	absent in 1 g

HEAVY METALS: (Modified PCPC 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 is included for information purposes and is not part of the product specifications:

BULK DENSITY: 15 - 25 g/100 ml
(ISO 3923-2, ASTM B329-06)

OIL ABSORPTION: 50 - 70 g/100 g
(ISO 787-5, ASTM D281)

SHELF LIFE: 10 years

DATE OF ISSUE: 2016

NOTE: For further information see Specification and Material Safety Data Sheet.

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