

technical datasheet

1.17272 Colorona[®] Carmine Red

Cosmetic Pigment

CHEMICAL COMPOSITION:	%	COLOR INDEX NO.	CAS NO.	EINECS NO.
Mica	48.0 - 60.0	77019	12001-26-2	310-127-6
Titanium Dioxide	39.0 - 48.0	77891	13463-67-7	236-675-5
Carmine	1.0 - 4.0	75470	1390-65-4	215-724-4

INCI NAME: Mica, CI 77891 (Titanium Dioxide), CI 75470 (Carmine)

APPEARANCE: Red lustrous powder

PARTICLE SIZE: 10.0 - 60.0 µm (80 % within range)
(laser diffraction) 18.0 - 25.0 µm (D₅₀: median size)

pH: 6.0 - 10.0
(10% aqueous suspension, ISO 787-9)

LOSS ON DRYING: ≤ 0.8 %
(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: 21 - 31 g/100 ml
(ISO 3923-2, ASTM B329-06)

OIL ABSORPTION: 70 - 90 g/100 g
(ISO 787-5, ASTM D281)

SHELF LIFE: 5 years

DATE OF ISSUE: 2016

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

This pigment contains Carmine which is partially soluble above pH 7 and which also should not be heated above 100°C.

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