

technical datasheet

1.17201 Timiron® Supersheen MP-1001

Cosmetic Pigment

CHEMICAL COMPOSITION:	%	COLOR INDEX NO.	CAS NO.	EINECS NO.
Mica	55.0 - 64.0	77019	12001-26-2	310-127-6
Titanium Dioxide	36.0 - 45.0	77891	13463-67-7	236-675-5

INCI NAME: Mica, CI 77891 (Titanium Dioxide)

APPEARANCE: Silvery-white powder

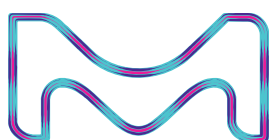
PARTICLE SIZE: 5.0 - 25.0 µm (80 % within range)
(laser diffraction) 7.0 - 14.0 µm (D₅₀: median size)

pH: 8.0 - 11.0
(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:	As	≤	2 ppm	Hg	≤	1 ppm
(Modified PCPC and internal methods)	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: 12 - 22 g/100 ml
(ISO 3923-2, ASTM B329-06)

OIL ABSORPTION: 75 - 95 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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