

TECHNICAL DATA SHEET

Effective date: 08.2022
Rev.1

66 IRIS Cosmetic Pigment

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Mica, CI 77891, CI 77510, CI 77861
Description	Inorganic cosmetic pigment
CAS No.	12001.26.2-13463.67.7-14038.43.8-18282.10.5

TECHNICAL DATA

Composition

Mica	CI 77019	32.0 –42.0 %
Titanium dioxide	CI 77891	50.0 –55.0 %
Ferric ferrocyanide	CI 77510	8.0-12.0%
Tin dioxide	CI 77861	0-1.0%

Physical parameters

Appearance	Solid, powder
Solubility	Insoluble in water and oil
Particle size	10-60µm

Chemical parameters

Heavy metals	ppm
As	< 2 ppm
Ba	< 50 ppm
Cd	< 3 ppm
Cr	< 100 ppm
Cu	< 50 ppm
Hg	< 1 ppm

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Ni	< 10 ppm
Pb	<10 ppm
Sb	< 1 ppm
Zn	< 50 ppm

Microbial purity

Total viable Aerobic count	< 100
E. Coli	Absent in 1 g
Pseudomonas aeruginosa	Absent in 1 g
Staphylococcus aureus	Absent in 1 g
Salmonella species	Absent in 1 g
Candida albicans	Absent in 1 g

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed containers, keep dry and avoid humidity.
Shelf Life	Up to 5 years, in closed packaging under the recommended conditions.

DISCLAIMER

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