



Product Specification

1.17223.1000

Colorona® Sun Gold Sparkle MP-29

	Spec. values		Method
Assay (Mica)	70.0 - 80.0	%	Inhouse
Assay (TiO ₂)	13.0 - 19.0	%	Inhouse
Assay (Fe ₂ O ₃)	7.0 - 11.0	%	Inhouse
pH (10 % aqueous suspension)	7.0 - 10.0		ISO 787-9
Particle Size Distribution	80% within the range 10.0-100.0µm		Laser Diffraction
Particle Size (d50)	47.0 - 55.0	µm	Laser Diffraction
Screening Test (< 0.150 mm)	Conforms		Inhouse
Loss on Drying (105°C)	≤ 0.5	%	ISO 787-2
Visual and Colorimetric Evaluation	Conforms		Inhouse
Heavy metals (As)	≤ 0.0002	%	mod.PCPC/int.method
Heavy metals (Ba)	≤ 0.0050	%	mod.PCPC/int.method
Heavy metals (Cd)	≤ 0.0003	%	mod.PCPC/int.method
Heavy metals (Cr)	≤ 0.0100	%	mod.PCPC/int.method
Heavy metals (Cu)	≤ 0.0050	%	mod.PCPC/int.method
Heavy metals (Hg)	≤ 0.0001	%	mod.PCPC/int.method
Heavy metals (Ni)	≤ 0.0010	%	mod.PCPC/int.method
Heavy metals (Pb)	≤ 0.0010	%	mod.PCPC/int.method
Heavy metals (Sb)	≤ 0.0001	%	mod.PCPC/int.method
Heavy metals (Zn)	≤ 0.0050	%	mod.PCPC/int.method
Microbial Purity (Total Viable Aerobic Count)	≤ 100	CFU/g	USP,Ph.Eur.,JP
Gram negative bacteria	absent in 1 g		USP,Ph.Eur.,JP
E.coli	absent in 1 g		USP,Ph.Eur.,JP
Pseudomonas aeruginosa	absent in 1 g		USP,Ph.Eur.,JP
Staphylococcus aureus	absent in 1 g		USP,Ph.Eur.,JP
Salmonella species	absent in 10 g		USP,Ph.Eur.,JP
Candida Albicans	absent in 1 g		USP,Ph.Eur.,JP

Colour-Index (Mica): C.I.No. 77019, Colour-Index (TiO₂): C.I.No. 77891, Colour-Index (Fe₂O₃): C.I.No. 77491

This article meets the purity requirements in USA, Japan and European Union for cosmetic colour additives.

Eric Anderson

Responsible laboratory manager quality control

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