



Certificate of Analysis (Representative Sample Certificate)

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Batch **N/A**

Diamond Cluster

	Spec. values	Batch values	Method
Assay (Mica)	85.0- 90.0	%	In-house
Assay (TiO2)	10.0- 15.0	%	In-house
pH (10 % aqueous suspension)	4.0- 8.0		ISO 787-9
Particle Size Distribution	80% within the range 10.0-150.0µm		Laser Diffraction
Particle Size (d50)	65.0- 82.0	µm	Laser Diffraction
Screening Test (< 0.150 mm)	Conforms		In-house
Loss on Drying (105°C)	≤ 0.5	%	ISO 787-2
Visual and Colorimetric Evaluation	Conforms		In-house
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
Heavy metals (As)	≤ 1	ppm	HCl-Extract/Internal
Heavy metals (Ba)	≤ 50	ppm	HCl-Extract/Internal
Heavy metals (Cd)	≤ 1	ppm	HCl-Extract/Internal
Heavy metals (Cr)	≤ 45	ppm	HCl-Extract/Internal
Heavy metals (Cu)	≤ 5	ppm	HCl-Extract/Internal
Heavy metals (Hg)	≤ 1	ppm	HCl-Extract/Internal
Heavy metals (Ni)	≤ 10	ppm	HCl-Extract/Internal
Heavy metals (Pb)	≤ 10	ppm	HCl-Extract/Internal
Heavy metals (Sb)	≤ 1	ppm	HCl-Extract/Internal
Heavy metals (Zn)	≤ 50	ppm	HCl-Extract/Internal
Heavy metals (As)		ppm	ISO 21392
Heavy metals (Ba)		ppm	ISO 21392
Heavy metals (Cd)		ppm	ISO 21392
Heavy metals (Co)		ppm	ISO 21392
Heavy metals (Cr)		ppm	ISO 21392
Heavy metals (Cu)		ppm	ISO 21392
Heavy metals (Hg)		ppm	ISO 21392
Heavy metals (Ni)		ppm	ISO 21392
Heavy metals (Pb)		ppm	ISO 21392
Heavy metals (Sb)		ppm	ISO 21392
Heavy metals (Se)		ppm	ISO 21392
Heavy metals (Zn)		ppm	ISO 21392

Please note that the Heavy Metal data by ISO 21392 provided in this table is for information only and not part of the product specification and/or neither subject of any warranty obligations for the product.

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

Supplied by TKBTrading

This product is intended for use in cosmetic applications only -customer is responsible to check/confirm suitability for intended usage/ purpose. The product meets the purity requirements in USA, Japan, China and European Union for cosmetic colorants.

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