

Certificate of Analysis

Product Code: MMI - Mica Pigment - Satin White 80B

Trade Name: Satin White 80B

Supplier: Mineral Makeup Ingredients

Batch No.: #190223

Assay(INCI)	Cas No.	Spec. Values	Batch Values	Method
Fluorophlogopite	12003-38-2	62-68%	66.30%	Manufacturer
Titanium dioxide	13463-67-7	32-38%	33.70%	Manufacturer
Particle size(80% within the range 5-25µm)		confirms	confirms	laser diffraction
Particle size(d50)		9-11µm	10µm	laser diffraction
pH-value(4% H ₂ O)		6-9	7.2	ISO787-9
Loss on drying(105°C)		≤0.5%	≤0.5%	ISO787-9
Heavy metals				
As		≤2 ppm	≤2 ppm	Manufacturer
Ba		≤50 ppm	≤50 ppm	Manufacturer
Cd		≤3 ppm	≤3 ppm	Manufacturer
Cr		≤100 ppm	≤100 ppm	Manufacturer
Cu		≤50 ppm	≤50 ppm	Manufacturer
Hg		≤1 ppm	≤1 ppm	Manufacturer
Ni		≤10 ppm	≤10 ppm	Manufacturer
Pb		≤10 ppm	≤10 ppm	Manufacturer
Sb		≤1 ppm	≤1 ppm	Manufacturer
Zn		≤50 ppm	≤50 ppm	Manufacturer
Visual and colorimetric evaluation		confirms	confirms	Manufacturer
Microbiological purity				Manufacturer
Microorganisms		<100CFU/g	<100CFU/g	Manufacturer
Ph.Eur.USP XXII		No Pathogens	No Pathogens	Manufacturer

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