

Certificate of Analysis

Product Code: MMI – Mica Pigment 80E				
Trade Name: Silk Silver 80E				
Supplier: Mineral Makeup Ingredients				
Batch: 170623				
Assay(INCI)	Cas No.	Spec. Values	Batch Values	Method
Mica	12001-26-2	64-68%	65.30%	Manufacturer
Titanium dioxide Particle size(80% within the range 10-40µm)	13463-67-7	32-36% confirms	34.70% confirms	Manufacturer laser diffraction
Particle size(d50 H2O)	pH-value(4%)	18-24µm 6-9	21µm 7.2	Laser diffraction 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		≤10 ppm	≤10 ppm	Manufacturer
Zn		≤1 ppm ≤50 ppm	≤1 ppm ≤50 ppm	Manufacturer
Visual and colorimetric evaluation		confirms	confirms	Manufacturer
Microbiological purity				Manufacturer
Microorganisms Ph.Eur.USP XXII		<100CFU/g No Pathogens	<100CFU/g No Pathogens	Manufacturer Manufacturer

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