

Certificate of Analysis

Product Cod: MMI – Pigment Ingredients 80D				
Trade Name: Magic Shimmer 80D				
Supplier: Mineral Makeup Ingredient				
Batch: 170705				
Assay(INCI)	Cas No.	Spec. Values	Batch Values	Method
Fluorophlogopite	12003-38-2	83-90%	85.90%	Manufacturer
Titanium dioxide	13463-67-7	10-15%	12.80%	Manufacturer
Tin dioxide	18282-10-5	0-2%	1.30%	Manufacturer
Particle size(80% within the range 40-200µm) confirms laser diffraction				
Particle size(d50) 56-78µm 66µm laser diffraction				
pH-value(4% H2O)		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		≤20 ppm	≤20 ppm	Manufacturer
Cu		≤50 ppm	≤50 ppm	Manufacturer
Hg		≤1 ppm	≤1 ppm	Manufacturer
Ni	≤10 ppm	≤10 ppm	Manufacturer	Pb ≤5 ppm ≤5 ppm Manufacturer
Sb		≤1 ppm	≤1 ppm	Manufacturer
Zn		≤50 ppm	≤50 ppm	Manufacturer
Visual and colorimetric evaluation				
		confirms	confirms	Manufacturer
Microbiological purity				
Microorganisms		<100CFU/g	<100CFU/g	Manufacturer
Ph.Eur.USP XXII		No Pathogens	No Pathogens	Manufacturer

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