

Certificate of Analysis

Product Code: MMI – Mica Pigment
 Trade Name: Fine Satin Gold 90C
 Supplier: Mineral Makeup Ingredients
 Batch: 150623

Assay (INCI)	Spec. Values	Batch Values	Method
Mica	45-52%	47.80%	Manufacturer
Titanium Dioxide	35-49%	37.60%	Manufacturer
Tin Dioxide	0-1%	0.70%	Manufacturer
Iron Oxide	13-15%	13.90%	Manufacture
Particle size(80% within the range <15µm)	confirms laser diffraction	confirms laser diffraction	Particle size(d50) 6-8µm 7µm laser diffraction
pH-value(4% H2O)	6-9 ISO787-9	7.2	
Loss on drying (105°C)	≤0.5%	≤	
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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