

Certificate of Analysis

Product Code: MMI - Mica Pigment

Trade Name: Glitter Pearl 80N

Supplier: Mineral Makeup Ingredients

Batch: 141222

Assay(INCI)	Cas No.	Spec.Values	Batch Values	Method
Mica	12001-26-2	80-84%	82.50%	Manufacturer
Titanium dioxide	13463-67-7	16-20%	17.50%	Manufacturer
Particle size(80% within				
the range 30-150µm)		confirms	confirms	laser diffraction
Particle size(d50)		49-65µm	57µm	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		≤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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