

Certificate of Analysis

Product Code: MMI – Mica Pigment – Royal Blue 120E

Trade Name: Royal Blue 120E

Supplier: Mineral Makeup Ingredients

Batch No.: #150728

Assay(INCI)	Cas No.	Spec.Values	Batch Values	Method
Mica	12001-26-2	55-59%	57.40%	Manufacturer
Titanium dioxide	13463-67-7	40-44%	41.90%	Manufacturer
Ultramarine blue	57455-37-5	0-1%	0.70%	Manufacturer
Particle size(80% within the range 10-60µm)	confirms	confirms	laser diffraction	Particle size(d50) 21-26µm 23µm laser diffraction
pH-value(4% H ₂ O)		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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Mineral Makeup Ingredients 

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