

Certificate of Analysis

Product Code: MMI – Fluorescent Pigment

Trade Name: Orange 220

Supplier: Mineral Makeup Ingredients

Batch: 150314

Assay(INCI)	Cas No.	Spec.Values	Batch Values	Method
Polyester-3	68258-82-2	98-99 %	98.50%	Manufacturer
Yellow 5	12225-21-7	1-2 %	1.50%	Manufacturer
Particle size(80% withir the range 1-2µm)		confirms 1-2µm	confirms 1-2µm	laser diffraction laser diffraction
pH-value		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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