

## Certificate of Analysis

Product Code: MMI-Mica Pigment 60B  
 Trade Name: Satin Orange Yellow 60B  
 Supplier: Mineral Makeup  
 Ingredients  
 Batch No.: #190105

Assay(INCI)	Cas No.	Spec.Values	Batch Values	Method
Mica	12001-26-2	39-45%	42.20%	Manufacturer
Titanium dioxide	13463-67-7	54-60%	57.10%	Manufacturer
Iron oxide	1309-37-1	0-1%	0.30%	Manufacturer
Yellow 5	12225-21-7	0-1%	0.40%	Manufacturer
Particle size(80% within the range 5-25µm) confirms confirms laser diffraction Particle size(d50) 9-11µm 10µm 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		≤100 ppm	≤100 ppm	Manufacturer
Cu		≤50 ppm	≤50 ppm	Manufacturer
Hg		≤1 ppm	≤1 ppm	Manufacturer
Ni		≤10 ppm	≤10 ppm	Manufacturer
Pb		≤10 ppm	≤10 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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