

## Certificate of Analysis

Trade Name: Manganese Violet  
 Supplier: Mineral Makeup Ingredients  
 Batch No.: #150810

Assay(INCI)	Cas No.	Spec. Values	Batch Values	Method
Manganese violet	10101-66-3	100.00%	100.00%	Manufacturer
Particle size		confirms <1.0 Micron	confirms <1.0 Micron	laser diffraction laser diffraction
pH-value		2.5-4.1	3.4	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

### Disclaimer

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