

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Magenta Mica  
**INCI Name:** mica, titanium dioxide, carmine  
**CAS Number:** 12001-26-2 (mica), 13463-67-7 (titanium dioxide), 1390-65-4 (carmine)  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 60 months from production date

Analytical Tests	Specifications	Results
Appearance and Color	Conforms	Conforms
Mica Content	50.0 - 58.0%	54.1%
TiO2 Content	41.0 - 48.0%	44.6%
Carmine Content	1.0 - 2.0%	1.3%
pH (10% suspension)	6.0 - 10.0	8.1
Particle Size (laserbeam diffraction) 80% of particles between 10-60pm	Conforms	Conforms
Median particle Size (D50)	18.0 - 25.0	23.1
Loss on Drying (2hrs @105° C)	< /= 0.8%	< /=0.8%
Total Viable Aerobic Count		<100 CFU/g
Pathogens(E. coli, Pseud. Aeruginosa, Staph. Aureus, Gram Negative Bacteria, Candida Albicans)		Absent in 1g
Salmonella species		Absent in 10g

Arsenic <2ppm, Barium <50ppm, Cadmium <3ppm, Chromium <100ppm, Copper <50ppm, Mercury <1ppm, Nickel <10ppm, Lead <10ppm, Antimony <1ppm, Zinc <50ppm

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

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