

Certificate of Analysis
 (Representative Sample Certificate)

Product Name: Mica Red
INCI Name: Mica, titanium dioxide, iron oxide
CAS Number: 12001-26-2, 13463-67-7, 1345-25-1
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	46.0 - 54.0%	49.2%
Fe3O4 Content	46.0 - 51.0%	48.3%
TiO2 Content	< / = 3.0%	2.5%
pH (10% suspension)	3.0 - 8.0	4.7
Particle Size (laserbeam diffraction) 80% of particles between 10-60pm	Conforms	Conforms
Median particle Size (D50)	18.0 - 25.0	21.5
Loss on Drying (2hrs @105 °C)	< / = 0.5	2.0
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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