



Certificate of Analysis
(Representative Sample Certificate)

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

Analytical Tests	Results
Appearance and Color	Conforms
Mica Content	54.9%
TiO2 Content	43.6%
Carmine Content	1.5
pH (10% aqueous suspension)	1.5
Particle Size (laser diffraction) 80% of particles 10-60 um	Conforms
Mean particle size (D50)	23.3 u
Loss on Drying (2 hrs @ 105°C)	0.3%
Total Viable Aerobic Count	<100 CFU/g
Pathogens(Candida Albicans, E. coli, Staph. Aureus, Pseud. aeruginosa, Gram Negative Bacteria)	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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