
 Updated: 28-Jan-2026

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Mica Diamond Sparkle
INCI Name: Mica (CI77019), Titanium Dioxide (CI 77891)
CAS Number: 12001-26-2, 13463-67-7
Lot Number: Not available (data may vary slightly with different lots or batches)
Standard Shelf Life: 120 Months from production date

Property	Specification	Analysis
Mica	84.0 - 90.0 wt%	85.3%
TiO ₂ (XRF)	10.0 - 16.0 wt%	14.3 wt%
SnO ₂ (XRF)	0 - 1.0 wt%	0.4 wt%
Visual Evaluation - Color		
Visual Evaluation - Luster	Conforms	
Density (ISO 787-10)	2.8 - 3.4 g/cm ³	3.2 g/cm ³
pH - value at 10% aqueous slurry (ISO 787-9)	6.0 ~ 10.0	7.5
Tap Density (ISO 787-11)	0.8 ~ 1.0 g/cm ³	1.0
Oil Absorption (ISO 787-5)	60.0 ~ 90.0 g/100g	76.3 g/100g
Loss on Drying @ 105°C (ISO 787-2)	≤0.50 wt%	0.42%
Conductivity (ISO 787-14)	≤200 µs/cm	80.2 µs/cm
Particle Size (Method: Laser-grained, Mastersizer by Malvern)	>90%	Conforms
Total Viable Aerobic	≤ 100 CFU/g	Conforms
E. Coli	Absent in 1 g	Conforms
Pseudomonas	Absent in 1 g	Conforms
Staphylococcus	Absent in 1 g	Conforms

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

Salmonella Species	Absent in 10 g	Conforms
Gram Negative	Absent in 1 g	Conforms
Candida Albicans	Absent in 1 g	Conforms
Lead (Pb) (ICP-OES)	≤10 ppm	6.4 ppm
Arsenic (As) (ICP-OES)	≤1 ppm	<1 ppm
Cadmium (Cd) (ICP-OES)	≤3 ppm	<1 ppm
Chromium (Cr) (ICP-OES)	≤100 ppm	<1 ppm
Mercury (Hg) (ICP-OES)	≤1 ppm	<1.0 ppm
Copper (Cu) (ICP-OES)	≤50 ppm	10.0 ppm
Nickel (Ni) (ICP-OES)	≤10 ppm	<1 ppm
Zinc (Zn) (ICP-OES)	≤50 ppm	13.4 ppm
Antimony (Sb) (ICP-OES)	≤1 ppm	<1 ppm

The above data was 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. All data are as per our supplier.

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