

Certificate of Analysis
(Representative Sample Certificate)

Product Name: Sparke Gold Mica
INCI Name: Mica, fluorophlogopite, titanium dioxide, tin oxide
CAS Number: 12003-38-2, 13463-67-7, 18282-10-5
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 120 months from production date

| Analytical Tests | Specifications | Results |
|-----------------------------------|---------------------------|--------------|
| Appearance and Color | Off-White Lustrous Powder | Conforms |
| Synthetic Fluorophlogopite | 85 – 90% | 87.1% |
| Titanium Dioxide | 10 – 15% | 12.2% |
| Tin Oxide | ≤ 1.0% | 0.7% |
| pH (4% aqueous suspension) | 6.0 - 11.0 | 8.18 |
| Specific Gravity | 2.5 – 3.5 | 3.07 |
| Bulk Density | 30 – 45 g/100ml | 37.3 g/100ml |
| Loss on Drying (1hrs @105°C) | < 1.00% | 0.14% |
| Particle Size (Laser diffraction) | 50-250pm | Passed |
| Lead (Pb) | <10ppm | Passed |
| Arsenic (As) | <2ppm | Passed |
| Antimony (Sb) | <2ppm | Passed |
| Mercury (Hg) | <1ppm | Passed |

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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