

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Mica Gold Rush  
**INCI Name:** Mica, 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)  
**Expiration Date:** 60 months from production date

Property	Specification	Analysis
Mica %	71 - 83%	Pass
Titanium Dioxide %	19 - 27%	Pass
Color Shade (PERL/1213)	Close to master	Pass
Luster (PERL/1213)	Close to master	Pass
Opacity (PERL/1213)	Close to master	Pass
Particle Size Distribution (15-150 µm) (PERL/1020) (Malvern Particle Size Analyzer)	85% MIN	94.5%
pH Value (10% Aqueous Suspension) (ISO 787-9)	8 - 10	8.6
Volatile Matter (Mass %, 105 °C, 2h) (ISO 787-2)	0.5% MAX	0.1%
TiO <sub>2</sub> Modification (ASTM D3720)	Rutile	Pass
Oil Absorption (ISO 787-5)	70 - 80 g/100g	Pass
Specific Gravity (IS 33 Part B)	3.0 ± 0.2	Pass
Apparent Density (ISO 787-11)	0.6 ± 0.1 g/cc	Pass

**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.

Water Solubility (IS 3493)	0.5% MAX	Pass (Practically insoluble)
Heat Stability (CPTL/301)	800° C	Pass
Resistance to Acids & Alkalis (CPTL/301)	Stable	Pass
Residue on Sieve (100 Mesh) (PERL/1216)	Nil	Pass
<b>Heavy Metal Analysis</b>		
Antimony (Sb)	2 ppm MAX	<1 ppm
Arsenic (As)	3 ppm MAX	<1 ppm
Barium (Ba)	50 ppm MAX	4 ppm
Cadmium (Cd)	3 ppm MAX	<1 ppm
Chromium (Cr)	20 ppm MAX	2 ppm
Cobalt (Co)	20 ppm MAX	<1 ppm
Copper (Cu)	50 ppm MAX	<1 ppm
Lead (Pb)	10 ppm MAX	<1 ppm
Mercury (Hg)	1 ppm MAX	<1 ppm
Nickel (Ni)	10 ppm MAX	2 ppm
Selenium (Se)	50 ppm MAX	<1 ppm
Zinc (Zn)	50 ppm MAX	1 ppm
<b>Microbial Analysis</b>		
Total Aerobic Microbial Count (ISO 21149:2007)	Total Aerobic Microbial Count (ISO 21149:2007)	Total Aerobic Microbial Count (ISO 21149:2007)
Yeast & Mold (ISO 16212:2008)	Yeast & Mold (ISO 16212:2008)	Yeast & Mold (ISO 16212:2008)
Pathogens (in 1g) (ISO 18415:2017)	Pathogens (in 1g) (ISO 18415:2017)	Pathogens (in 1g) (ISO 18415:2017)

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. 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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