

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Mica Bordeaux  
**INCI Name:** Mica (CI77019), Iron Oxide Red (CI 77491)  
**CAS Number:** 12001-26-2, 1309-37-1  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 96 months from production date

Analytical Tests	Specifications	Results
Color and Appearance (Powder color, visual)	As SD Standard	Pass
Particle Size Distribution (10-60 $\mu\text{m}$ ) (Laser diffraction)	Conforms	Pass
Particle Size D(50) (Laser diffraction)	20.0 - 24.0 $\mu\text{m}$	22.70 $\mu\text{m}$
pH (10% aqueous slurry) (GB/T 5211.6)	4.0 - 7.0	4.13
Oil Absorption (GB 5211.15)	45 - 75 g/100g	63.0 g/100g
Loss on Drying (GB 5211.3)	<0.50%	0.31%
Density (GB/T 1713)	2.8 - 3.4 g/cm <sup>3</sup>	3.12 g/cm <sup>3</sup>
Lead (Pb) (ICP)	<2 ppm	1.0 ppm
Cadmium (Cd) (ICP)	<1 ppm	<0.2 ppm
Mercury (Hg) (ICP)	<1 ppm	<0.2 ppm
Arsenic (As) (ICP)	<2 ppm	<0.2 ppm
Antimony (Sb)	<2 ppm	<0.2 ppm

**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.

(ICP)		
Chromium (Cr) (ICP)	<5 ppm	0.9 ppm
Barium (Ba) (ICP)	<10 ppm	0.8 ppm
Copper (Cu) (ICP)	<15 ppm	0.8 ppm
Nickle (Ni) (ICP)	<5 ppm	2.3 ppm
Zinc (Zn) (ICP)	<50 ppm	8.7 ppm
Total Viable Aerobic Count	<100CFu/g	Conforms
E. coli	Absent in 1g	Conforms
Pseudomonas aeruginosa	Absent in 1g	Conforms
Staphylococcus aureus	Absent in 1g	Conforms
Salmonella species	Absent in 1g	Conforms
Gram negative bacteria	Absent in 1g	Conforms
Candida albicans	Absent in 1g	Conforms
Mica (Assay)	50 - 54%	51.9%
(CI 77491) (Assay)	46 - 50%	48.1%

“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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