

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Mica Blackstar Red
INCI Name: Iron Oxides, Mica
CAS Number: 1317-61-9, 12001-26-2
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 120 months from production date

Property	Specification	Analysis
Color & Appearance (Merck Japan)	Conforms	Conforms
Content of Mica (Merck Japan)	44.0 - 52.0%	50.4%
Content of Fe ₃ O ₄ (Merck Japan)	48.0 - 56.0%	49.6%
pH (10% suspension) (Merck Japan)	6.0 - 10.0	8.0
Particle Size Distribution (Laser diffraction)	80% within 10-60 µm	Conforms
Median Particle Size (D50) (Laser diffraction)	18.0 - 25.0 µ	22.1µ
Loss on Drying (2 hrs, 105 °C) (Merck Japan)	≤ 0.5%	≤ 0.5%
Total Viable Aerobic Count	< 100 cfu/g	< 100 cfu/g
E. coli	Absent in 1g	Absent in 1g
Pseudomonas aeruginosa	Absent in 1g	Absent in 1g
Staphylococcus aureus	Absent in 1g	Absent in 1g
Salmonella species	Absent in 1g	Absent in 1g
Gram-negative bacteria	Absent in 1g	Absent in 1g
Candida albicans	Absent in 1g	Absent in 1g

“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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