

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Iron Oxide Brown
INCI Name: CI 77499 (Iron Oxides), CI 77491 (Iron Oxides) **Lot Number:** Not available (data may vary slightly with different lots or batches)
CAS Number: 1317-61-9, 1309-37-1 **Expiration Date:** 120 months from production date

Analytical Tests	Specifications	Results
Antimony	10.00 ppm MAX	0.00 ppm
Arsenic	3.0 ppm MAX	0.0 ppm
Barium	50.0 ppm MAX	12.39 ppm
Cadmium	1.00 ppm MAX	0.00 ppm
Chromium	50.00 ppm MAX	48.06 ppm
Cobalt	30.00 ppm MAX	0.0 ppm
Copper	50.00 ppm MAX	7.93 ppm
Delta E	1.20 MAX	0.69
Water Soluble Matter	1.00 MAX	Pass
Lead	10.0 ppm MAX	0.00 ppm
Mercury	1.00 ppm MAX	0.00 ppm
Nickel	50.00 ppm MAX	70.00 ppm
Odor	Characteristic	Pass
Total Pathogens	Negative	None
Shade Comparison-Blends	Conforms	Pass
Appearance (TM38B)	Powder	Pass
Total Plate Count	100.00 CFU/g MAX	100.0 CFU/g
Zinc	100.00 ppm MAX	10.33 ppm

We hereby certify that the batch of color listed above has been blended or made from FDA approved or exempted colorants. The color components of this product comply with and meet all applicable FDA requirements as stated in the CFR-21, parts 70 through 82.

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.



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“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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