
Certificate of Analysis

(Representative Sample Certificate)

Product Name: Iron Oxide Yellow
INCI Name: CI 77492 (Iron Oxide Yellow)
CAS Number: 51274-00-1
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 120 months from production date

Test	Specifications	Results
Antimony (SB) (ICP)	10 ppm MAX	0 ppm
Appearance (Organoleptic)	Powder	Powder
Arsenic (AS) (ICP)	3.0 ppm MAX	0.3 ppm
Barium (BA) (ICP)	50 ppm MAX	2 ppm
Cadmium (CD) (ICP)	1.0 ppm MAX	0.1 ppm
Candida Albicans (USP 62)	Neg/10g	Pass
Chromium (CR) (ICP)	50 ppm MAX	20 ppm
Cobalt (CO) (ICP)	30 ppm MAX	16 ppm
Copper (CU) (ICP)	50 ppm MAX	4 ppm
Delta E < 1,2	Pass	Pass
E. Coli (USP 62)	Neg/10g	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.

Full Shade (Colorimeter)	Yes	Yes
Iron (FE) %	60.0-100.0%	62.7%
Lead (Pb) (ICP)	10.0 ppm MAX	0.1 ppm
Mercury (HG) (ICP)	1.0 ppm MAX	0 ppm
Nickel (Ni) (ICP)	50 ppm MAX	8 ppm
Odor (Organoleptic)	None	None
P. Aeruginosa (USP 62)	Neg/10g	Pass
S. Aureus (USP 62)	Neg/10g	Pass
TPC Cosmetic Modified ISO (Modified ISO)	100 MAX	0
Water Solubility	Insoluble	Insoluble
Yeast & Mold (Modified ISO)	100 CFU/g MAX	10 CFU/g
Zinc (Zn) (ICP)	100 ppm MAX	52 ppm

“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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