

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Zinc Oxide, Micronized & Coated
INCI Name: Zinc oxide, triethoxycaprylylsilane
CAS Number: 1314-13-2, 2943-75-1
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 36 months from production date

Property	Specification	Analysis
Identification A* (Test method USP)	Passes current USP	Pass
Identification B* (Test method USP)	Passes current USP	Pass
Carbonate & Color* (Test method USP)	Passes current USP	Pass
Alkalinity* (Test method USP)	Passes current USP	Pass
Iron & Other Heavy Metals* (Test method USP)	Passes current USP	Pass
Loss on Ignition (500° C)* (Test method USP)	≤1.0%	0.59%
As* (Test method USP)	6 ppm MAX	<6 ppm
Pb* (Test method USP)	Passes current USP	Pass
Pb* (ICP-OES)	≤10.0 ppm	4.7 ppm
Assay* (Test method USP)	98.0 - 102.0%	100.0%
Cd* (ICP-OES)	≤10.0 ppm	1.3 ppm
Loss on Drying (as coated) internal	≤1.0%	0.9%
Loss on Ignition (as coated) internal	≤2.0%	1.2%

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.

Residual Solvents (Ethanol) (Test method USP)	≤5000 ppm	1263 ppm
Mean Particle Size (as coated) (Fraunhofer Diffraction/Mie)	≤0.200 μm	0.087 μm
Appearance (Visual)	White powder	Pass

“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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