

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

Test Description	Results	Specification
Identification A*: (USP)	Pass	Pass current USP
Identification B*: (USP)	Pass	Pass current USP
Carbonate & Color*: (USP)	Pass	Pass current USP
Alkalinity* (USP)	Pass	Pass current USP
Iron & other heavy metals*: (USP)	Pass	Pass current USP
Loss on Ignition*: (UP)	0.55	1.0% max
As*: (USP)	<6	6 ppm max
Pb*: (USP)	Pass	Pass current USP
Assay*: (USP)	99.5	99.0-100.5%
Loss on Drying (as coated) (CTFA E36-1 modified)	0.94	1.0% max
Loss on Ignition (as coated) (CTFA E36-1 modified)	1.35	2.0% max
Residual Solvents-Ethanol (USP)	1327	5000ppm max
Mean particle size (as coated)	0.086	0.200 um max
Appearance	White Powder	White Powder

The above data were 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.

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 himself as to the suitability & completeness of such information for his own particular use.