

CERTIFICATE OF ANALYSIS

Product Name:	Zinc Oxide, Micronized & Coated		
INCI Name:	Zinc oxide, triethoxycaprylylsilane		
CAS Number:	1314-13-2, 2943-75-1		
Batch Number	20221028	Manufacture Date	20221028
Report Date	20221028	Expiry Date	20241027

Test Items	Specifications	Results
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

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging

