

CERTIFICATE OF ANALYSIS

Product Name	Zinc Oxide, Nano
INCI Name	Zinc oxide Nano
CAS#	1314-13-2
Lot Number	CNSA0926
Manufacture Date	09/2023
Re-test Date	09/2026

Analytical Tests	Limits	Results
Identification A*	Passes current USP	Pass
Identification B*	Passes current USP	Pass
Carbonate & Color*	Passes current USP	Pass
Alkalinity*	Passes current USP	Pass
Iron & Heavy Metals*	Passes current USP	Pass
Loss on Ignition (500°C)*	1.0% MAX	0.30%
As*	6 ppm MAX	<6 ppm
Pb*	Passes current USP	Pass
Pb*	10.0 ppm MAX	6.3 ppm
Assay*	98.0-102.0%	99.6%
Cd*	10.0 ppm MAX	7. ppm
Loss on Drying	1.0% MAX	0.4%
Loss on Ignition	2.0% MAX	1.6%
Residual Solvents	5000 ppm MAX	2400 ppm
Mean Particle Size	0.200 µm MAX	0.092 µm
Appearance	White powder	Pass

* refers to product prior to coating

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for more than 36 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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