

Certificate of Analysis

Product: Zinc Oxide Powder, USP/FCC Grade

Item Number: ZIOXGU

CAS#: 1314-13-2

Grade: USP/FCC

Lot Number: 5002337/9.1

Manufacture Date: 06/30/2026

Expiration Date: 05/30/2031

Country of Origin: India

Tested Property	Specification	Analysis
Appearance	Soft, white faintly yellowish amorphous powder	Pass
ID: Change of Color	When strongly heated, assumes yellow color that disappears on cooling	Pass
ID: Gives Test for Zinc	To Pass the Test	Pass
Alkalinity	No red color is produced	Pass
Carbonates and Color of Solution	To Pass the Test	Pass
Iron and Other Heavy Metals	To Pass the Test	Pass
Arsenic	Max. 3 ppm	<3 ppm
Cadmium	Max. 10 ppm	<10 ppm
Lead	Max. 10 ppm	<10 ppm
Substance Not Precipt. by Sulphide	Max. 0.5%	0.26%
Loss on Ignition	Max. 1.0%	0.40%
Assay	99.0 - 102.5% of ZnO	99.70%
Bulk Density	Min. 0.35 g/mL	0.411 g/mL
Tapped Density	Min. 0.90 g/mL	0.94 g/mL
Particle Size Distribution	Max. 1.0% Retention on 200 Mesh	0.32%

Store in a cool, dry, and well-ventilated environment.

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