

## **Certificate of Analysis**

Date: February 1, 2023

Product: Zinc Oxide

Lot/Batch Number: ZINC230124

Best Before: July, 2024

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance @ 20°C	Fine white powder	PASS
Odour	Odourless	PASS
Solubility	Insoluble in water	PASS
Bulk Density lb/ft³	35.0 - 45.0	40
Assay %	99.0 – 100.5	100.4
Cadmium ppm	0.0 - 3.0	1.0
Lead ppm	0.0 - 9.5	6.3
Arsenic ppm	0.0 - 6.0	< 6
Copper ppm	0.0 - 10.0	1.0
Iron ppm	0.0 - 10.0	1.0
Retained 325 mesh %	0.0 - 0.02	0.002
Mean Particle Size μm	0.26 – 0.77	0.54
Loss of Ignition %	0.0 - 1.0	0.12
Surface Area m2/g	3.0 – 9.0	4.3

Shelf-life & Storage: Expiry from the date of manufacture is only if stored under dry, ambient conditions in a sealed container away from direct light.

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