

	I	Product:	Zinc O	xide
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Lot/Batch Number:	ZINC220312	

Manufacture Date: N/A

Commercial Expiry: July, 2023

Retest Date: N/A

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance @ 20°C	Fine white powder	PASS
Colour	Odorless	PASS
Solubility	Insoluble in water	PASS
Bulk Density	35.0 - 45.0 lb/ft <sup>3</sup>	40.0
Assay	98.0 - 102.0 %	99.7
Cadmium	0.0 - 3.0 ppm	1.0
Lead	0.0 - 9.5ppm	6.5
Arsenic	0.0 - 6.0 ppm	< 6.0
Copper	0.0 - 10.0 ppm	1.0
Iron	0.0 - 10.0 ppm	1.0
Retained 325 mesh	0.0 - 0.02 %	0.002
Mean Particle Size	0.26 – 0.70 μm	0.51
Loss of Ignition	0.0 - 1.0 %	0.14
Surface Area	3.0 – 9.0 m2/g	4.5

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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## **Certificate of Analysis**

Date: 12 March, 2022

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