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# Certificate of Analysis

**Product**

**51508 - Zinc Oxide extrapure AR, ACS, ExiPlus,  
Multi-Compendial, 99.5% - [1314-13-2]**

**Batch No**

**5009560**

**Analysis Date**

01-Feb-2024

**Date of Manufacture**

February 2024

**Expiry Date/Re-Test Date**

February 2029

**Molecular Formula**

ZnO

**Molecular Weight**

81.38

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Amorphous powder	Amorphous powder
Solubility (Turbidity) 10% solution 5N HCl	Clear	Clear
Assay (Complexometric)	min. 99.5%	99.8%
Acid insoluble matter	max. 0.01%	0.006%
Loss on ignition	max. 0.5%	0.2%
Chloride (Cl)	max. 0.001%	Passes
Nitrate (NO <sub>3</sub> )	max. 0.003%	Passes
Sulphur compounds	max. 0.01%	Passes
Iron (Fe)	max. 0.0003%	Passes
Heavy Metals (Pb)	max. 0.005%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Manganese (Mn)	max. 0.0005%	Passes
Carbonate (CO <sub>3</sub> )	max. 0.25%	Passes
Nitrogen Compounds (N)	max. 0.0005%	Passes
Sodium (Na)	max. 0.001%	Passes
Reducing Substances	max. 0.0016%	Passes
Arsenic (As)	max. 0.0005%	Passes

FRM/82/11/4/51508 Rev No. 2 Date 06/07/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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