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Certificate of Analysis

Product	67062 - Zinc Oxide extrapure AR, 99.5% - [1314-13-2]
Batch No	4862354
Analysis Date	18-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2028
Molecular Formula	ZnO
Molecular Weight	81.38

Test Parameters	Standards	Actual Results
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%
Loss on ignition	max. 0.5%	0.2%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max.0.0003%	Passes
Heavy Metals (Pb)	max. 0.005%	Passes
Carbonate (CO ₃)	max. 0.25 %	Passes
Nitrogen Compounds (N)	max. 0.0005%	Passes
Sodium (Na)	max. 0.001%	Passes
Reducing Substances	max. 0.0016%	Passes

FRM/82/11/4/67062 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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