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Certificate of Analysis

Product	73932 - Zinc Metal Dust extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5%, -325 mesh - [7440-66-6]
Batch No	2945297
Analysis Date	30-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2028
Atomic Formula	Zn
Atomic Weight	65.38

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of Ph.Eur	Passes
Appearance (Colour)	Grey	Grey
Appearance (Form)	Fine powder free from aggregates	Fine powder free from aggregates
Solubility (Turbidity) 10% solution 5N HCl	Clear	Clear
Solubility (Colour) 10% solution 5N HCl	Colourless	Colourless
Assay (EDTA Titration)	min. 99.5%	99.8%
Iron (Fe)	max. 0.005 %	Passes
Copper (Cu)	max. 0.0005 %	Passes
Lead (Pb)	max. 0.01%	Passes
Fatty matter	Not detected	Passes
Substances reducing Permanganate (O)	max. 0.0015%	Passes
Acid insoluble matter	max. 0.01%	0.007%

FRM/82/11/4/73932 Rev No. 5 Date 28/12/2022

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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