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Certificate of Analysis

Product 24693 - Zinc Nitrate Hexahydrate extrapure AR, 98% - [10196-18-6]
Batch No 8179019
Analysis Date 27-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2029
Molecular Formula Zn(NO₃)₂.6H₂O
Molecular Weight 297.48

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic compound	Crystalline hygroscopic compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 98%	99.7%
pH (5% aq. solution)	3.0 - 6.0	3.6
Water Insoluble matter	max. 0.005%	0.002%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Cadmium (Cd)	max. 0.0005%	Passes
Calcium (Ca)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Magnesium (Mg)	max. 0.001%	Passes
Nickel (Ni)	max. 0.0005%	Passes
Potassium (K)	max. 0.001%	Passes
Sodium (Na)	max. 0.001%	Passes

FRM/82/11/4/24693 Rev No. 3 Date 05/10/2023

Prepared by Mayur

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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