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Certificate of Analysis

Product	75738 - Zinc Sulphate Heptahydrate ACS, 99.5% - [7446-20-0]
Batch No	4831441
Analysis Date	05-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	ZnSO ₄ .7H ₂ O
Molecular Weight	287.54

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99.5%	99.8%
pH (5% aq. solution)	4.4 - 6.0	5.2
Water Insoluble matter	max. 0.01%	Nil
Chloride (Cl)	max. 0.0005 %	Passes
Iron (Fe)	max. 0.001 %	Passes
Heavy Metals (Pb)	max. 0.003%	Passes
Sodium (Na)	max. 0.05%	Passes
Potassium (K)	max. 0.01%	Passes
Calcium (Ca)	max. 0.0005 %	Passes
Manganese (Mn)	max. 0.0003 %	Passes
Nitrate (NO ₃)	max. 0.002 %	Passes
Magnesium (Mg)	max. 0.005 %	Passes
Ammonium (NH ₄)	max. 0.001 %	Passes

FRM/82/11/4/75738 Rev No. 3 Date 05/10/2023

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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