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Certificate of Analysis

Product	93377 - Nickel (II) Sulphate Heptahydrate extrapure AR, 99% - [10101-98-1]
Batch No	2342412
Analysis Date	11-Jan-2024
Date of Manufacture	January 2024
Expiry Date/Re-Test Date	January 2029
Molecular Formula	NiSO ₄ .7H ₂ O
Molecular Weight	280.85

Test Parameters	Standards	Actual Results
Appearance (Colour)	Green	Green
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Green	Green
Assay (EDTA Titration)	min. 99.0%	99.8%
pH (5% aq. solution)	4.0 - 6.0	5.2
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Calcium (Ca)	max. 0.005%	Passes
Copper (Cu)	max. 0.001%	Passes
Sodium (Na)	max. 0.01%	Passes
Potassium (K)	max. 0.005%	Passes

FRM/82/11/4/93377 Rev No. 3 Date 13/05/2023

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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