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Certificate of Analysis

Product **48105 - Nickel (II) Sulphate Heptahydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [10101-98-1]**

Batch No **8959913**

Analysis Date 17-Aug-2023

Date of Manufacture August 2023

Expiry Date/Re-Test Date August 2028

Molecular Formula NiSO₄.7H₂O

Molecular Weight 280.85

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
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
Insoluble matter	max. 0.005%	0.002%
Manganese (Mn)	max. 0.002%	Passes
Magnesium (Mg)	max. 0.005%	Passes

FRM/82/11/4/48105 Rev No. 2 Date 17/05/2023

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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