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Certificate of Analysis

Product **61397 - Nickel (II) Sulphate Hexahydrate ACS, 99% - [10101-97-0]**
Batch No **3335192**
Analysis Date 10-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2029
Molecular Formula NiSO₄.6H₂O
Molecular Weight 262.86

Test Parameters	Standards	Actual Results
Appearance (Colour)	Green	Green
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
pH (5% aq. solution)	4.0 - 6.0	4.86
Assay (EDTA Titration)	min. 99%	99.8%
Insoluble matter	max. 0.005%	0.001%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.001%	Passes
Calcium (Ca)	max. 0.005%	Passes
Cobalt (Co)	max. 0.002%	Passes
Copper (Cu)	max. 0.005%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Manganese (Mn)	max. 0.002%	Passes
Potassium (K)	max. 0.01%	Passes
Sodium (Na)	max. 0.05%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes

FRM/82/11/4/61397 Rev No. 3 Date 08/04/2023

Prepared by Priti

In compliance with the standard specifications of SRL

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

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