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Certificate of Analysis

Product	27303 - Nickel (II) Chloride Hexahydrate extrapure AR, 99% - [7791-20-0]
Batch No	4807735
Analysis Date	06-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	NiCl ₂ .6H ₂ O
Molecular Weight	237.69

Test Parameters	Standards	Actual Results
Appearance (Colour)	Green	Green
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% hot aq. solution	Clear	Clear
Solubility (Colour) 10% hot aq. solution	Green	Green
Assay (EDTA Titration)	min. 99%	99.4%
pH (5% aq. solution)	3.5 - 5.5	4.36
Sulphate (SO ₄)	max. 0.005%	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/82/11/4/27303 Rev No. 2 Date 05/07/2022

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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