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Certificate of Analysis

Product	10081 - Nickel (II) Chloride Hexahydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [7791-20-0]
Batch No	5729999
Analysis Date	12-Oct-2023
Date of Manufacture	October 2023
Expiry Date/Re-Test Date	October 2028
Molecular Formula	NiCl ₂ .6H ₂ O
Molecular Weight	237.69

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP	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%	99.4%
pH (5% aq. solution)	3.5 - 5.5	5.1
Insoluble matter	max. 0.005%	0.001%
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Nitrogen Compounds (N)	max. 0.005%	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
Cobalt (Co)	max. 0.1%	Passes
Magnesium (Mg)	max. 0.01%	Passes
Manganese (Mn)	max. 0.002%	Passes
Zinc (Zn)	max. 0.01%	Passes

FRM/82/11/4/10081 Rev No. 2 Date 05/07/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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