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Certificate of Analysis

Product	54269 - Magnesium Chloride Hexahydrate ExiPlus, Multi-Compendial, 99% - [7791-18-6]
Batch No	6836844
Analysis Date	10-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	MgCl ₂ .6H ₂ O
Molecular Weight	203.30

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Hygroscopic crystalline compound	Hygroscopic crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99%	99.6%
Insoluble matter	max. 0.005%	0.002%
pH (5% aq. solution)	5.0 - 6.5	5.6
Sulphate (SO ₄)	max. 0.002%	Passes
Phosphate (PO ₄)	max. 0.0005%	Passes
Nitrate (NO ₃)	max. 0.001%	Passes
Ammonium (NH ₄)	max. 0.002%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0002%	Passes
Copper (Cu)	max. 0.0002%	Passes
Manganese (Mn)	max. 0.0005%	Passes
Barium (Ba)	max. 0.005%	Passes
Calcium (Ca)	max. 0.01%	Passes
Potassium (K)	max. 0.001%	Passes
Sodium (Na)	max. 0.001%	Passes
Strontium (Sr)	max. 0.005%	Passes

FRM/82/11/4/54269 Rev No. 3 Date 06/07/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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