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Certificate of Analysis

Product	31944 - Calcium Chloride Dihydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [10035-04-8]
Batch No	7826393
Analysis Date	20-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	CaCl ₂ ·2H ₂ O
Molecular Weight	147.01

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99.5%	99.7%
pH (5% aq. solution)	4.5 - 8.5	5.3
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.0003%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Sodium (Na)	max. 0.01%	Passes
Potassium (K)	max. 0.01%	Passes
Barium (Ba)	max. 0.003%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Oxidising substances	max. 0.003%	Passes
Ammonium (NH ₄)	max. 0.005%	Passes
Strontium (Sr)	max. 0.1%	Passes

FRM/82/11/4/31944 Rev No. 5 Date 20/06/2024

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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