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Certificate of Analysis

Product	85611 - Magnesium Sulphate Heptahydrate extrapure AR, 99% - [10034-99-8]
Batch No	5280435
Analysis Date	13-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	MgSO ₄ .7H ₂ O
Molecular Weight	246.5

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99%	99.6%
pH (5% aq. solution)	5.0 - 8.0	6.1
Chloride (Cl)	max. 0.0002%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.0001%	Passes
Sodium (Na)	max. 0.001%	Passes
Potassium (K)	max. 0.001%	Passes

FRM/82/11/4/85611 Rev No. 2 Date 27/09/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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