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Certificate of Analysis

Product **26129 - Magnesium Sulphate Heptahydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [10034-99-8]**

Batch No **5059494**

Analysis Date 19-Feb-2024

Date of Manufacture February 2024

Expiry Date/Re-Test Date February 2029

Molecular Formula MgSO4.7H2O

Molecular Weight 246.5

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Passes
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%	99.8%
pH (5% aq. solution)	5.0 - 8.0	6.07
Insoluble matter	max. 0.005%	0.004%
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
Strontium (Sr)	max. 0.005%	Passes
Nitrate (NO3)	max. 0.002%	Passes
Calcium (Ca)	max. 0.02%	Passes
Manganese (Mn)	max. 0.0005%	Passes
Ammonium (NH4)	max. 0.002%	Passes

FRM/82/11/4/26129 Rev No. 2 Date 27/09/2022

Prepared by Vivek

In compliance with the standard specifications of SRL

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

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