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Certificate of Analysis

Product	50014 - Magnesium Sulphate Dried extrapure AR, 62-70% MgSO₄, 99% - [7487-88-9]
Batch No	8526372
Analysis Date	25-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	MgSO ₄ . x H ₂ O
Molecular Weight	120.37 (anhy)

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 (as is)	62 - 70%	64.6%
Assay (On dry basis)	min. 99%	99.2%
Loss on drying	30 - 35%	34.9%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Nitrate (NO ₃)	max. 0.004%	Passes

FRM/82/11/4/50014 Rev No. 2 Date 06/02/2021

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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