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Certificate of Analysis

Product	59977 - Sodium Sulphate Anhydrous extrapure AR, 99.5% - [7757-82-6]
Batch No	3141959
Analysis Date	11-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	Na ₂ SO ₄
Molecular Weight	142.04

Test Parameters	Standards	Actual Results
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 (Ion exchange)	min. 99.5%	99.6%
Insoluble matter	max. 0.005%	0.002%
pH (5% aq. solution)	5.5 - 8.0	5.9
Loss on drying	max. 0.5%	0.3%
Chloride (Cl)	max. 0.001%	Passes
Phosphate (PO ₄)	max 0.002%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0002%	Passes
Calcium (Ca)	max. 0.005%	Passes
Potassium (K)	max. 0.01%	Passes
Nitrogen Compounds (N)	max. 0.0005%	Passes
Oxidising substances	no reaction	Passes
Reducing Substances	max. 0.002%	Passes

FRM/82/11/4/59977 Rev No. 2 Date 06/07/2022

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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