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Certificate of Analysis

Product	41721 - Sodium Chloride ACS, 99.9% - [7647-14-5]
Batch No	6138378
Analysis Date	29-Sep-2024
Date of Manufacture	September 2024
Expiry Date/Re-Test Date	September 2029
Molecular Formula	NaCl
Molecular Weight	58.44

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 (ex Cl)	min. 99.9%	99.9%
Water Insoluble matter	max. 0.005%	0.002%
pH (5% aq. solution)	5.0 - 9.0	5.23
Sulphate (SO ₄)	max. 0.004%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Phosphate (PO ₄)	max. 0.0005%	Passes
Bromide (Br)	max. 0.01%	Passes
Iodide (I)	max. 0.002%	Passes
Potassium (K)	max. 0.005%	Passes
Chlorate & Nitrate (NO ₃)	max. 0.003%	Passes
Barium (Ba)	Passes test	Passes
Calcium (Ca)	max. 0.002%	Passes
Magnesium (Mg)	max. 0.001%	Passes

FRM/82/11/4/41721 Rev No. 4 Date 10/10/2023

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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