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Certificate of Analysis

Product	76154 - Sodium Chloride for HPLC, 99.9% - [7647-14-5]
Batch No	2701088
Analysis Date	13-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 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. 0.003%	0.002%
pH (5% aq. solution)	5.0 - 8.0	5.15
Sulphate (SO ₄)	max. 0.001%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Phosphate (PO ₄)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0002%	Passes
Bromide (Br)	max. 0.005%	Passes
Iodide (I)	max. 0.001%	Passes
Nitrogen Compounds (N)	max. 0.0005%	Passes
Ferrocyanide [Fe(CN ₆)] ⁻⁴	max. 0.0001%	Passes
Potassium (K)	max. 0.005%	Passes
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.01	0.004
@280nm	max. 0.01	0.003
Suitability for HPLC	Passes	Passes

FRM/82/11/4/76154 Rev No. 2 Date 05/07/2022

Prepared by Priti

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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