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Certificate of Analysis

Product	29821 - Sodium Fluoride extrapure AR, 99% - [7681-49-4]
Batch No	9107101
Analysis Date	18-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	NaF
Molecular Weight	41.99

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 2.5% hot aq. solution	Clear	Clear
Solubility (Colour) 2.5% hot aq. solution	Colourless	Colourless
Assay (Ion exchange)	min. 99%	99.7%
Loss on drying	max. 0.2%	0.1%
Acidity (HF)	max. 0.05%	0.01%
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.002%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Sulphite (SO ₃)	max. 0.005%	Passes
Fluorosilicate (SiF ₆)	max. 0.1%	Passes

FRM/82/11/4/29821 Rev No. 1 Date 01/11/2015

Prepared by Priti

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 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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