



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	82712 - Lithium Nitrate (High Purity) extrapure AR, 99.5% - [7790-69-4]
Batch No	1606792
Analysis Date	01-Nov-2022
Date of Manufacture	November 2022
Expiry Date/Re-Test Date	November 2027
Molecular Formula	LiNO ₃
Molecular Weight	68.95

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic powder	Crystalline hygroscopic powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (Ion exchange)	min. 99.5%	99.8%
pH (10% aq. solution)	5.0 - 8.0	7.2
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Copper (Cu)	max. 0.0001%	Passes
Ammonium (NH ₄)	max. 0.0002%	Passes
Potassium (K)	max. 0.001%	Passes
Sodium (Na)	max. 0.005%	Passes
Phosphate (PO ₄)	max. 0.0002%	Passes

FRM/82/11/4/82712 Rev No. 2 Date 12/10/2022

Prepared by **Pranita**

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

1/1

an ISO 9001-2015, 17025:2017, CE, GMP Certified Company

This COA has been generated electronically and it is valid without signature.