

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-28 16:15:04
Date of Next Testing: 2028-09-27 16:15:04
Product Name: **Lithium chloride solution**
CAS Number: 7447-41-8
Specifications & Purity: Suitable for molecular biology, ≥99%, 8 M
Lot #: I2526633
SKU #: **L433504**
Version: **1**
Analysis #: **575990**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Concentration(Titration AgNO ₃)	7.8-8.2 (mol/L)	8.00 mol/L
Raw material purity	99-102.5 (%)	99.01000 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.01 %
Barium(Ba)	0-0.003 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.2 (%)	0.16 %
Heavy metals(as Pb)	0-0.002 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.01 %
DNase, Exonuclease Detection	None Detected	none detected
RNase Detection	None Detected	none detected
NICKase, Endonuclease Detection	None Detected	none detected
Protease Detection	None Detected	none detected
Appearance(L433504)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager