

Certificate of Analysis

Date of Testing: 2025-02-11 15:57:10

Date of Next Testing: 2029-02-10 15:57:10

Product Name: **Lithium chloride**

CAS Number: 7447-41-8

Specifications & Purity: for molecular biology, ≥99%

Lot #: E2111025

SKU #: **L116330**

Version: **1**

Analysis #: **469361**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.13 %
Barium(Ba)	0-0.003 (%)	0.00 %
Purity(Titration by AgNO ₃)	99-100 (%)	99.01 %
Potassium(K)	0-0.01 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.2 (%)	0.06 %
Appearance (L116330)	White Powder or crystals	White Powder or Crystals
DNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insoluble matter	pass	Pass
phosphatases	none detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager