

Certificate of Analysis

Date of Testing: 2026-08-19 18:09:08

Date of Next Testing: 2030-08-18 18:09:08

Product Name: **Lithium chloride**

CAS Number: 7447-41-8

Grades & Purity: Suitable for molecular biology, ≥99%

Lot #: H2617446

SKU #: **L116330**

Version: **2**

Analysis #: **760908**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.48860 %
Barium(Ba)	0-0.003 (%)	0.00070 %
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	98.51000 %
Potassium(K)	0-0.01 (%)	0.01000 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
Sodium(Na)	0-0.2 (%)	0.05000 %
Appearance (L116330)	White Powder or crystals	White Powder or Crystals
DNases	none detected	none detected
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

John Su

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QA & QC Manager