

Certificate of Analysis

Date of Testing: 2023-11-15 17:21:23
Date of Next Testing: 2026-11-14 17:21:23
Product Name: **Lithium chloride solution**
CAS Number: 7447-41-8
Specifications & Purity: 8 M, for molecular biology, $\geq 99\%$
Lot #: K2308599
SKU #: **L433504**
Analysis: **296278**

Parameter	Limit Values	Result
Concentration(Titration AgNO ₃)	7.8-8.2 (mol/L)	8.00 mol/L
Raw material purity	99-102.5 (%)	99.90000 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.01 %
Barium(Ba)	0-0.003 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.01 %
Sodium(Na)	0-0.2 (%)	0.08 %
Heavy metals(as Pb)	0-0.002 (%)	0.00 %
Appearance(L433504)	Colorless Liquid	Colorless liquid
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



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QA & QC Manager