

Shanghai yuanye Bio-Technology Co., Ltd
465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-06-05 16:21:49
Date of Next Testing: 2028-06-04 16:21:49
Product Name: **Lithium chloride solution**
CAS Number: 7447-41-8
Specifications & Purity: for molecular biology, ≥99%, 8 M
Lot #: F2502035
SKU #: **V34425**
Version: **0**
Analysis #: **521479**
Storage Temperature: Room 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 (%)	99.90000 %
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 %
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(V34425)	Colorless Liquid	Colorless liquid

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zou

