

## Certificate of Analysis

Date of Testing: 2023-04-03 14:46:45  
 Date of Next Testing: 2026-04-02 14:46:45  
 Product Name: **Lithium dodecyl sulfate**  
 CAS Number: 2044-56-6  
 Specifications & Purity: 98%,BioReagent, for molecular biology, suitable for electrophoresis  
 Lot #: C2328236  
 SKU #: **L478510**  
**Analysis: 207515**

Parameter	Limit Values	Result
Lithium(Li)	2-3 (%)	2.17%
Purity(GC)	98-100 (%)	98.09%
UV Absorbance 260nm (3% Solution)	≤0.05	0.02500
UV Absorbance 280nm (3% Solution)	≤0.05	0.02000
Appearance(L478510)	White to Off-White Powder	White to Off-White Powder
Solubility(Colorless to Very Faint Yellow,Clear to Very Slightly Hazy, 50 mg/mL in H2O)	Pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Suitability (Suitable for electrophoresis)	Pass	Pass
DNases	none detected	none detected
RNases	none detected	none detected



John Su  
 QA & QC Manager