

Certificate of Analysis

Date of Testing: 2025-02-08 09:25:33

Date of Next Testing: 2029-02-07 09:25:33

Product Name: **Lithium Dodecyl Sulfate**

CAS Number: 2044-56-6

Specifications & Purity: $\geq 98\%$

Lot #: D2121136

SKU #: **L100859**

Version: **1**

Analysis #: **467943**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Copper(Cu)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Purity(GC)	98-100 (%)	98.60 %
Phosphate(PO4)	0-0.0001 (%)	0.00 %
Lithium(Li)	2-3 (%)	2.30 %
Free acids	0-0.2 (%)	0.20 %
(Pb)Lead	0-0.0005 (%)	0.00 %
Chloride Content	0-0.005 (%)	0.00 %
Appearance (L100859)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless to faint yellow clear to hazy,50mg/ml	pass	Pass



John Su
QA & QC Manager