

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-18 17:11:46  
Date of Next Testing: 2029-07-17 17:11:46  
Product Name: **Lithium Dodecyl Sulfate(LDS)**  
CAS Number: 2044-56-6  
Specifications & Purity:  $\geq 98\%$   
Lot #: G2517570  
SKU #: **L100859**  
Version: **1**  
Analysis #: **541400**  
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 (%)	99.88 %
Phosphate(PO4)	0-0.0001 (%)	0.00 %
Lithium(Li)	2-3 (%)	2.06 %
Free acids	0-0.2 (%)	0.00 %
(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 <sub>2</sub> O , colorless to faint yellow clear to hazy,50mg/ml	pass	Pass



John Su  
QA & QC Manager