

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-26 18:59:34
Date of Next Testing: 2028-09-25 18:59:34
Product Name: **Lithium Dodecyl Sulfate**
CAS Number: 2044-56-6
Specifications & Purity: 98%
Lot #: I2423335
SKU #: **L100859**
Version: **1**
Analysis #: **405513**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|--|------------------------------|------------------------------|
| Copper(Cu) | 0-0.0005 (%) | 0.00 % |
| Iron(Fe) | 0-0.0005 (%) | 0.00 % |
| Phosphate(PO4) | 0-0.0001 (%) | 0.00 % |
| Free acids | 0-0.2 (%) | 0.00 % |
| (Pb)Lead | 0-0.0005 (%) | 0.00 % |
| Chloride Content | 0-0.005 (%) | 0.00 % |
| Purity(GC) | 98-100 (%) | 98.37 % |
| Lithium(Li) | 2-3 (%) | 2.01 % |
| 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