

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-28 16:18:28
Date of Next Testing: 2027-03-28 16:18:28
Product Name: **Lithium sulfide**
CAS Number: 12136-58-2
Specifications & Purity: 99.98% trace metals basis
Lot #: C2425348
SKU #: **L166537**
Analysis: **330757**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| Purity(Based On Trace Metals Analysis) | 99.98-100 (%) | 99.99 % |
| total metallic impurities(by ICP Atomic emission) | 0-250 (ppm) | 149.00 ppm |
| ICP: Confirms Lithium Component | Confirmed | Confirmed |
| Appearance (L166537) | White to Beige to Yellow to Light orange Powder to Crystals and/or Chunks | White to Beige to Yellow to Light orange Powder to Crystals and/or Chunks |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager