

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-23 16:25:38
Date of Next Testing: 2028-04-22 16:25:38
Product Name: **Lithium sulfide**
CAS Number: 12136-58-2
Specifications & Purity: $\geq 99.98\%$ metals basis
Lot #: D2521471
SKU #: **L166537**
Version: **1**
Analysis #: **475177**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
total metallic impurities(by ICP Atomic emission)	0-250 (ppm)	47.00 ppm
Purity(Based On Trace Metals Analysis)	99.98-100 (%)	100.00 %
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
ICP: Confirms Lithium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager