

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-28 11:14:30
 Date of Next Testing: 2028-11-27 11:14:30
 Product Name: **Lithium sulfide**
 CAS Number: 12136-58-2
 Specifications & Purity: $\geq 99.98\%$ metals basis
 Lot #: K2525116
 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)	47.00000 ppm
Purity(Based On Trace Metals Analysis)	99.98-100 (%)	99.99530 %
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