

## Certificate of Analysis

Date of Testing: 2023-01-12 16:18:50  
Date of Next Testing: 2026-01-11 16:18:50  
Product Name: **Lithium sulfide**  
CAS Number: 12136-58-2  
Specifications & Purity: 99.98% trace metals basis  
Lot #: A2306596  
SKU #: **L166537**  
**Analysis:** **159360**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
total metallic impurities (by ICP Atomic emission)	0-250 (ppm)	177.00 ppm
Purity (Based On Trace Metals Analysis)	99.98-100 (%)	99.98 %
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