

## Certificate of Analysis

Date of Testing: 2022-07-23 16:50:36  
Date of Next Testing: 2025-07-22 16:50:36  
Product Name: **Lithium sulfide**  
CAS Number: 12136-58-2  
Specifications & Purity: 99.98% trace metals basis  
Lot #: G2219749  
SKU #: **L166537**  
**Analysis:** **101224**  
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)	143.00 ppm
ICP: Confirms Lithium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance (L166537)	White to Yellow Crystals to Powder and/or Chunks	White to Yellow Crystals to Powder and/or Chunks



John Su  
QA & QC Manager