

Certificate of Analysis

Date of Testing: 2024-12-16 13:37:15

Date of Next Testing: 2027-12-16 13:37:15

Product Name: **Lithium sulfide**

CAS Number: 12136-58-2

Specifications & Purity: $\geq 99.98\%$ metals basis

Lot #: L2413405

SKU #: **L166537**

Version: **1**

Analysis #: **443676**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
total metallic impurities(by ICP Atomic emission)	0-250 (ppm)	198.00 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