

Certificate of Analysis

Date of Testing: 2022-07-23 16:40:45
Date of Next Testing: 2025-07-22 16:40:45
Product Name: **Lithium sulfide**
CAS Number: 12136-58-2
Specifications & Purity: 99.98% trace metals basis
Lot #: G2219748
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 |



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