

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2025-04-25 14:15:17

Date of Next Testing: 2028-04-24 14:15:17

Product Name: **Lithium sulfide**

CAS Number: 12136-58-2

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

Lot #: D2509198

SKU #: **V33422**

Version: **0**

Analysis #: **503682**

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 %                                                                   |
| ICP: Confirms Lithium Component                   | Confirmed                                                                 | Confirmed                                                                 |
| X-Ray Diffraction                                 | Conforms to Structure                                                     | Conforms to Structure                                                     |
| Appearance(V33422)                                | 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 |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunlei Zhu

