

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-16 19:13:03

Date of Next Testing: 2030-04-15 19:13:03

Product Name: **Tungsten sulfide**

CAS Number: 12138-09-9

Specifications & Purity:  $\geq 99.9\%$  metals basis, 25 $\mu$ m

Lot #: D2616558

SKU #: **T137743**

Version: **0**

**Analysis #:** **548454**

Storage Temperature: Room temperature

| Parameter                              | Limit Values              | Result                    |
|----------------------------------------|---------------------------|---------------------------|
| Purity(Based On Trace Metals Analysis) | 99.5-100 (%)              | 99.99150 %                |
| Total Metallic Impuritie               | 0-2000 (ppm)              | 85.00000 ppm              |
| Tungsten(W)                            | 73-75.5 (%)               | 74.03500 %                |
| Particle size                          | 20-30 ( $\mu$ m)          | 23.62000 $\mu$ m          |
| Appearance (T137743)                   | Dark Grey to Black Powder | Dark Grey to Black Powder |
| ICP:Confirms W and S Component         | Confirmed                 | Confirmed                 |
| X-Ray Diffraction                      | Conforms to Structure     | Conforms to Structure     |



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QA & QC Manager