

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-20 08:35:23

Date of Next Testing: 2029-08-19 08:35:23

Product Name: **Tungsten sulfide**

CAS Number: 12138-09-9

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

Lot #: H2515607

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 (μ m)	23.62000 μ 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



John Su
QA & QC Manager