

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-15 14:05:26

Date of Next Testing: 2029-01-14 14:05:26

Product Name: **Tungsten sulfide**

CAS Number: 12138-09-9

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

Lot #: C2125320

SKU #: **T137743**

Version: **0**

Analysis #: **463367**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	20-30 (μ m)	25.05800 μ m
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.97610 %
Tungsten(W)	73-75.5 (%)	73.49800 %
Total Metallic Impuritie	0-2000 (ppm)	239.00000 ppm
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