

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-27 09:26:21

Date of Next Testing: 2029-08-26 09:26:21

Product Name: **Tungsten sulfide**

CAS Number: 12138-09-9

Specifications & Purity: $\geq 99.9\%$ metals basis, 2 μm

Lot #: H2521779

SKU #: **T107763**

Version: **0**

Analysis #: **547716**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	1-5 (μm)	3.78000 μm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90870 %
Total Metallic Impuritie	0-2000 (ppm)	913.00000 ppm
W(Gravimetric titration with cinchonine)	73-75.3 (%)	75.13000 %
Appearance (T107763)	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