

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-04 16:49:52

Date of Next Testing: 2030-03-03 16:49:52

Product Name: **Tungsten sulfide**

CAS Number: 12138-09-9

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

Lot #: B2624478

SKU #: **T107763**

Version: **0**

Analysis #: **646654**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	1-5 (μm)	2.24000 μm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99470 %
Total Metallic Impuritie	0-2000 (ppm)	53.00000 ppm
W(Gravimetric titration with cinchonine)	73-75.3 (%)	73.10000 %
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