

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-28 09:00:48
 Date of Next Testing: 2029-04-27 09:00:48
 Product Name: **Tungsten sulfide**
 CAS Number: 12138-09-9
 Specifications & Purity: $\geq 99.9\%$ metals basis, 25 μ m
 Lot #: D2515032
 SKU #: **T137743**
 Version: **0**
 Analysis #: **190650**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99530 %
Total Metallic Impuritie	0-2000 (ppm)	47.00000 ppm
Particle size	20-30 (μ m)	21.90000 μ m
Tungsten(W)	73-75.5 (%)	75.49000 %
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