

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-04-28 10:43:08  
Date of Next Testing: 2026-04-27 10:43:08  
Product Name: **Tungsten sulfide**  
CAS Number: 12138-09-9  
Specifications & Purity: 99.9% metals basis,25µm  
Lot #: D2224077  
SKU #: **T137743**  
Analysis: **062534**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.94%
Total Metallic Impuritie	0-2000 (ppm)	629.00 ppm
Particle size	20-30 (µm)	21.70 µm
Tungsten(W)	73-75.5 (%)	75.49%
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