

## Certificate of Analysis

Date of Testing: 2023-04-02 18:46:15  
Date of Next Testing: 2027-04-01 18:46:15  
Product Name: **Tungsten sulfide**  
CAS Number: 12138-09-9  
Specifications & Purity: 99.9% metals basis,25µm  
Lot #: C23241067  
SKU #: **T137743**  
**Analysis: 190650**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	100.00 %
Total Metallic Impuritie	0-2000 (ppm)	47.00 ppm
Particle size	20-30 (µm)	21.90 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