

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-03-12 15:36:03
Date of Next Testing: 2029-03-11 15:36:03
Product Name: **Tungsten carbide**
CAS Number: 12070-12-1
Specifications & Purity: $\geq 99.9\%$ metals basis, 400nm
Lot #: E2129305
SKU #: **T111338**
Version: **0**
Analysis #: **478965**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.98200 %
Particle size	350-450 (nm)	357.00000 nm
W by Gravimetric Analysis(After Ignition to Oxide)	92.5-95.3 (%)	93.20000 %
Total Metallic Impuritie	0-1000 (ppm)	180.00000 ppm
Appearance (T111338)	Grey to Dark Grey Powder	Grey to Dark Grey Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager