

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

## Certificate of Analysis

Date of Testing: 2022-11-21 17:58:42  
Date of Next Testing: 2026-11-20 17:58:42  
Product Name: **Tantalum(IV) carbide**  
CAS Number: 12070-06-3  
Specifications & Purity: 99.9%  
Lot #: K2218118  
SKU #: **T111042**  
Analysis: **158460**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.91180 %
Total Metallic Impuritie	0-2000 (ppm)	882.00000 ppm
Purity(Gravimetric Analysis)(after ignition to oxide)	98.5-101.5 (%)	98.50100 %
Appearance (T111042)	Brown to Very Dark Brown Powder	Brown to Very Dark Brown Powder
ICP:Confirms Tantalum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager