

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

Certificate of Analysis

Date of Testing: 2025-09-08 14:02:46
Date of Next Testing: 2029-09-07 14:02:46
Product Name: **Tantalum(IV) carbide**
CAS Number: 12070-06-3
Specifications & Purity: $\geq 99.9\%$ metals basis
Lot #: K2117274
SKU #: **T111042**
Version: **0**
Analysis #: **567856**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90010 %
Total Metallic Impuritie	0-2000 (ppm)	999.00000 ppm
Purity(Gravimetric Analysis)(after ignition to oxide)	98.5-101.5 (%)	100.10000 %
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