

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

Certificate of Analysis

Date of Testing: 2023-02-09 19:14:39
Date of Next Testing: 2027-02-08 19:14:39
Product Name: **Tantalum(IV) carbide**
CAS Number: 12070-06-3
Specifications & Purity: 99.9%
Lot #: B2303579
SKU #: **T111042**
Analysis: **162432**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95700 %
Total Metallic Impuritie	0-2000 (ppm)	430.00000 ppm
Purity(Gravimetric Analysis)(after ignition to oxide)	98.5-101.5 (%)	98.50000 %
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