

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-09 09:17:00
 Date of Next Testing: 2030-05-08 09:17:00
 Product Name: **Tantalum(IV) carbide**
 CAS Number: 12070-06-3
 Specifications & Purity: $\geq 99.9\%$ metals basis
 Lot #: D2623677
 SKU #: **T111042**
 Version: **0**
 Analysis #: **669821**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90010 %
Purity(Gravimetric Analysis)(after ignition to oxide)	98.5-101.5 (%)	98.52000 %
Total Metallic Impuritie	0-2000 (ppm)	999.00000 ppm
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