



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-07 11:33:00

Date of Next Testing: 2027-07-06 11:33:00

Product Name: **Tantalum(IV) carbide**

CAS Number: 12070-06-3

Specifications & Purity: $\geq 99.5\%$, $\leq 3 \mu\text{m}$

Lot #: L1501070

SKU #: **T111043**

Version: **0**

Analysis #: **248342**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	2964.00000 ppm
Particle size	0-3 (μm)	1.67000 μm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.70000 %
Appearance (T111043)	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