

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-14 17:42:48

Date of Next Testing: 2027-01-13 17:42:48

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

CAS Number: 12070-06-3

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

Lot #: A2306884

SKU #: **T111043**

Version: **0**

Analysis #: **140655**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	279.00000 ppm
Particle size	0-3 (μm)	2.26000 μm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.97210 %
Appearance (T111043)	Brown to Very Dark Brown Powder	Brown to Very Dark Brown Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP:Confirms Tantalum Component	Confirmed	Confirmed



John Su
QA & QC Manager