

Certificate of Analysis

Date of Testing: 2024-08-21 10:03:54

Date of Next Testing: 2028-08-20 10:03:54

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

CAS Number: 12070-06-3

Specifications & Purity: 99.5%, ≤3 μm

Lot #: K2009131

SKU #: **T111043**

Version **0**

Analysis #: **401905**

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	140.51 ppm
Particle size	0-3 (μm)	0.36 μm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.64 %
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