

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-23 14:51:31

Date of Next Testing: 2028-07-22 14:51:31

Product Name: **Tantalum**

CAS Number: 7440-25-7

Specifications & Purity: $\geq 99.9\%$ metals basis, 60nm

Lot #: G2408029

SKU #: **T123285**

Version: **0**

Analysis #: **121172**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	40-80 (nm)	56.37000 nm
Total Impurities(ICP)	0-2000 (ppm)	1407.00000 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90000 %
Appearance (T123285)	Grey to Dark Grey Powder	Grey to Dark Grey Powder
ICP:Confirms Tantalum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager