

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-13 13:28:38

Date of Next Testing: 2029-08-12 13:28:38

Product Name: **Tantalum oxide**

CAS Number: 1314-61-0

Specifications & Purity: $\geq 99.5\%$ metals basis

Lot #: H2506589

SKU #: **T104746**

Version: **2**

Analysis #: **533911**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
loss on Ignition	0-1 (%)	0.70840 %
Total Metallic Impuritie	0-5000 (ppm)	70.00000 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99300 %
Loss on ignition(1000°C,2 h)	0-1 (%)	0.97750 %
Appearance (T104746)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
ICP:Confirms Tantalum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager