

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-28 10:11:18

Date of Next Testing: 2029-02-27 10:11:18

Product Name: **Tantalum oxide**

CAS Number: 1314-61-0

Specifications & Purity: PrimorTrace™, Optical grade, ≥99.99% metals basis

Lot #: B2526304

SKU #: **T104744**

Version: **0**

Analysis #: **462352**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
loss on Ignition	0-0.5 (%)	0.01 %
Total Metallic Impuritie	0-200 (ppm)	99.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Appearance (T104744)	white powder	White powder
ICP:Confirms Tantalum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager