

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-18 09:46:36

Date of Next Testing: 2029-11-17 09:46:36

Product Name: **Tantalum oxide**

CAS Number: 1314-61-0

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

Lot #: K2514673

SKU #: **T104744**

Version: **0**

Analysis #: **600616**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Total Metallic Impurities	0-200 (ppm)	32.00000 ppm
loss on Ignition	0-0.5 (%)	0.11330 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99680 %
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