

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-16 18:06:38

Date of Next Testing: 2029-03-15 18:06:38

Product Name: **Tantalum(V) oxide**

CAS Number: 1314-61-0

Specifications & Purity: $\geq 99\%$ metals basis

Lot #: C2606686

SKU #: **T431843**

Version: **2**

Analysis #: **676241**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on ignition(1000°C,2 h)	0-1 (%)	0.97600 %
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	99.87410 %
Trace Metal Analysis	0-10000 (ppm)	1258.51630 ppm
Appearance(T431843)	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