

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-13 13:27:21
 Date of Next Testing: 2028-08-12 13:27:21
 Product Name: **Tantalum(V) oxide**
 CAS Number: 1314-61-0
 Specifications & Purity: $\geq 99\%$ metals basis
 Lot #: H2506584
 SKU #: **T431843**
 Version: **2**
 Analysis #: **558370**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on ignition(1000°C,2 h)	0-1 (%)	0.97750 %
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	99.99300 %
Trace Metal Analysis	0-10000 (ppm)	70.00000 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