

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-24 15:25:02

Date of Next Testing: 2027-09-24 15:25:02

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

CAS Number: 1314-61-0

Specifications & Purity: 99% trace metals basis

Lot #: I2414048

SKU # **T431843**

Version **2**

Analysis #: **414829**

Parameter	Limit Values	Result
Loss on ignition(1000°C,2 h)	0-1 (%)	0.02 %
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	100.00 %
Trace Metal Analysis	0-10000 (ppm)	6.00 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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager