

Certificate of Analysis

Date of Testing: 2024-10-21 14:14:58

Date of Next Testing: 2027-10-21 14:14:58

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

CAS Number: 1314-61-0

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

Lot #: J2415584

SKU #: **T431843**

Version: **2**

Analysis #: **424810**

Parameter	Limit Values	Result
Loss on ignition(1000°C,2 h)	0-1 (%)	0.21 %
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	99.98 %
Trace Metal Analysis	0-10000 (ppm)	218.00 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



John Su
QA & QC Manager