

## Certificate of Analysis

Date of Testing: 2024-08-05 15:35:01  
Date of Next Testing: 2027-08-05 15:35:01  
Product Name: **Tantalum(V) oxide**  
CAS Number: 1314-61-0  
Specifications & Purity: 99% trace metals basis  
Lot #: H2401266  
SKU #: **T431843**  
Version: **2**  
Analysis #: **396036**

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



John Su  
QA & QC Manager