

Certificate of Analysis

Date of Testing: 2024-07-01 13:56:15
Date of Next Testing: 2027-07-01 13:56:15
Product Name: **Tantalum(V) oxide**
CAS Number: 1314-61-0
Specifications & Purity: 99% trace metals basis
Lot #: F2428072
SKU #: **T431843**
Version: **2**
Analysis #: **379369**

Parameter	Limit Values	Result
Loss on ignition(1000°C,2 h)	0-1 (%)	0.04 %
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	99.98 %
Trace Metal Analysis	0-10000 (ppm)	156.00 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