

## Certificate of Analysis

Date of Testing: 2024-08-05 15:59:50  
Date of Next Testing: 2028-08-04 15:59:50  
Product Name: **Tantalum oxide**  
CAS Number: 1314-61-0  
Specifications & Purity: 99.5% metals basis  
Lot #: H2401241  
SKU #: **T104746**  
Version: **2**  
Analysis #: **387700**

Parameter	Limit Values	Result
loss on Ignition	0-1 (%)	0.02 %
Total Metallic Impuritie	0-5000 (ppm)	6.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	100.00 %
Loss on ignition(1000°C,2 h)	0-1 (%)	0.34 %
Appearance (T104746)	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