

## Certificate of Analysis

Date of Testing: 2023-09-01 09:37:17  
Date of Next Testing: 2027-08-31 09:37:17  
Product Name: **Tantalum oxide**  
CAS Number: 1314-61-0  
Specifications & Purity: 99.5% metals basis  
Lot #: H2329201  
SKU #: **T104746**  
Analysis: **264252**

Parameter	Limit Values	Result
loss on Ignition	0-1 (%)	0.04 %
Total Metallic Impuritie	0-5000 (ppm)	156.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.98 %
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