

Certificate of Analysis

Date of Testing: 2024-12-16 14:02:43

Date of Next Testing: 2028-12-15 14:02:43

Product Name: **Tantalum oxide**

CAS Number: 1314-61-0

Specifications & Purity: $\geq 99.5\%$ metals basis

Lot #: L2413696

SKU #: **T104746**

Version: **2**

Analysis #: **442190**

Parameter	Limit Values	Result
loss on Ignition	0-1 (%)	0.88 %
Total Metallic Impuritie	0-5000 (ppm)	379.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.96 %
Loss on ignition(1000°C,2 h)	0-1 (%)	0.95 %
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