

Certificate of Analysis

Date of Testing: 2025-08-13 14:03:23
Date of Next Testing: 2029-08-12 14:03:23
Product Name: **Tantalum oxide**
CAS Number: 1314-61-0
Specifications & Purity: $\geq 99.5\%$ metals basis
Lot #: H2506586
SKU #: **T104746**
Version: **2**
Analysis #: **533911**

Parameter	Limit Values	Result
loss on Ignition	0-1 (%)	0.71 %
Total Metallic Impuritie	0-5000 (ppm)	70.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99 %
Loss on ignition(1000°C,2 h)	0-1 (%)	0.98 %
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