

## Certificate of Analysis

Date of Testing: 2025-08-13 09:55:33  
Date of Next Testing: 2029-08-12 09:55:33  
Product Name: **Tantalum oxide**  
CAS Number: 1314-61-0  
Specifications & Purity:  $\geq 99.5\%$  metals basis  
Lot #: H2506592  
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



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QA & QC Manager