

Certificate of Analysis

Date of Testing: 2024-06-27 10:16:58

Date of Next Testing: 2028-06-26 10:16:58

Product Name: **Tantalum oxide**

CAS Number: 1314-61-0

Specifications & Purity: PrimorTrace™, optical grade, ≥99.99% metals basis

Lot #: F2424292

SKU #: **T104744**

Version: **0**

Analysis #: **366006**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
loss on Ignition	0-0.5 (%)	0.19 %
Total Metallic Impuritie	0-200 (ppm)	98.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Appearance (T104744)	white powder	White powder
ICP:Confirms Tantalum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager