

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-26 16:42:05

Date of Next Testing: 2029-04-25 16:42:05

Product Name: **Tantalum oxide**

CAS Number: 1314-61-0

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

Lot #: D2515085

SKU #: **V31047**

Version: **0**

Analysis #: **504895**

Storage Temperature: Room temperature

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 %
ICP:Confirms Tantalum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(V31047)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

