

Certificate of Analysis

Date of Testing: 2025-05-07 10:48:32
Date of Next Testing: 2028-05-06 10:48:32
Product Name: **Tantalum(V) oxide**
CAS Number: 1314-61-0
Specifications & Purity: $\geq 99\%$ metals basis
Lot #: D2527407
SKU #: **T431843**
Version: **2**
Analysis #: **507617**

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Loss on ignition(1000°C,2 h) | 0-1 (%) | 0.84 % |
| Purity(Based on Trace Metals Impurities of ICP) | 99-100 (%) | 99.99 % |
| Trace Metal Analysis | 0-10000 (ppm) | 116.00 ppm |
| Appearance(T431843) | 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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