

Certificate of Analysis

Date of Testing: 2021-11-19 17:49:33
Date of Next Testing: 2025-11-18 17:49:33
Product Name: **Tantalum nitride**
CAS Number: 12033-62-4
Specifications & Purity: $\geq 99.5\%$ metals basis
Lot #: K2117369
SKU #: **T119195**
Version: **0**
Analysis #: **034234**

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.5-100 (%)	99.94%
Total Metallic Impuritie	0-5000 (ppm)	566.00 ppm
Appearance (T119195)	Grey to Dark Grey to Black Crystals	Grey to Dark Grey to Black Crystals
ICP:Confirms Tantalum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager