

Certificate of Analysis

Date of Testing: 2025-03-03 15:21:51

Date of Next Testing: 2029-03-02 15:21:51

Product Name: **Titanium nitride**

CAS Number: 25583-20-4

Specifications & Purity: $\geq 99.9\%$ metals basis, < 100nm

Lot #: B2521635

SKU #: **T397976**

Version: **1**

Analysis #: **449395**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	1476.00 ppm
Particle size	0-100 (nm)	31.89 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(T397976)	Brown to black powder	Brown to black powder
ICP:Confirms Titanium Component	Confirmed	Confirmed



John Su
QA & QC Manager