

Certificate of Analysis

Date of Testing: 2025-03-12 15:04:36

Date of Next Testing: 2029-03-11 15:04:36

Product Name: **Titanium nitride**

CAS Number: 25583-20-4

Specifications & Purity: $\geq 99.5\%$ metals basis, 2-10 μm

Lot #: E2128571

SKU #: **T110282**

Version: **0**

Analysis #: **478945**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ti(Gravimetric Analysis)	76.2-80.5 (%)	76.20 %
Total Metallic Impuritie	0-5000 (ppm)	478.00 ppm
Particle size	2-10 (μm)	4.40 μm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.52 %
Appearance (T110282)	Brown to Very Dark Brown Powder	Brown to Very Dark Brown Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager