

Certificate of Analysis

Date of Testing: 2024-07-13 11:46:58
Date of Next Testing: 2028-07-12 11:46:58
Product Name: **Titanium nitride**
CAS Number: 25583-20-4
Specifications & Purity: $\geq 99.9\%$ metals basis, < 100nm
Lot #: F2428503
SKU #: **T397976**
Version: **1**
Analysis #: **362309**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	480.00 ppm
Particle size	0-100 (nm)	35.66 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95 %
Appearance(T397976)	Brown to black powder	Brown to black powder
ICP:Confirms Titanium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager