

Certificate of Analysis

Date of Testing: 2023-03-11 15:38:52
Date of Next Testing: 2027-03-10 15:38:52
Product Name: **Titanium nitride**
CAS Number: 25583-20-4
Specifications & Purity: 99.9% metals basis, < 100nm
Lot #: C2303164
SKU #: **T397976**
Analysis: **040855**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	322.00 ppm
Particle size	0-100 (nm)	38.74 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.97 %
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