

Certificate of Analysis

Date of Testing: 2022-09-20 16:53:47
Date of Next Testing: 2026-09-19 16:53:47
Product Name: **Titanium nitride**
CAS Number: 25583-20-4
Specifications & Purity: 99.9% metals basis,20nm
Lot #: I2212390
SKU #: **T110281**
Analysis: **125765**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.98 %
Particle size	10-30 (nm)	23.25 nm
Total Metallic Impuritie	0-2000 (ppm)	217.00 ppm
Ti(Gravimetric Analysis)	76.2-80.5 (%)	76.21 %
Appearance (T110281)	Brown to black powder	Brown to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager