

Certificate of Analysis

Date of Testing: 2023-06-01 15:47:48
Date of Next Testing: 2027-05-31 15:47:48
Product Name: **Titanium nitride**
CAS Number: 25583-20-4
Specifications & Purity: 99.5% metals basis, 2-10 μm
Lot #: E23261033
SKU #: **T110282**
Analysis: **149671**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	2246.00 ppm
Particle size	2-10 (μm)	4.67 μm
Purity (Based On Trace Metals Analysis)	99.5-100 (%)	99.78 %
Ti (Gravimetric Analysis)	76.2-80.5 (%)	80.45 %
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