

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-15 12:14:20
 Date of Next Testing: 2029-10-14 12:14:20
 Product Name: **Titanium nitride**
 CAS Number: 25583-20-4
 Specifications & Purity: $\geq 99.5\%$ metals basis, 2-10 μm
 Lot #: J2513740
 SKU #: **T110282**
 Version: **0**
 Analysis #: **370417**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	1083.00000 ppm
Particle size	2-10 (μm)	2.76000 μm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.89170 %
Ti(Gravimetric Analysis)	76.2-80.5 (%)	80.49000 %
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