

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-15 16:15:30
Date of Next Testing: 2029-11-14 16:15:30
Product Name: **Titanium nitride**
CAS Number: 25583-20-4
Specifications & Purity: $\geq 99.9\%$ metals basis, < 100nm
Lot #: K2506767
SKU #: **T397976**
Version: **1**
Analysis #: **594406**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Particle size	0-100 (nm)	39.53 nm
Total Metallic Impuritie	0-2000 (ppm)	1000.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90 %
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