

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-13 11:32:39

Date of Next Testing: 2028-07-12 11:32:39

Product Name: **Titanium nitride**

CAS Number: 25583-20-4

Specifications & Purity: $\geq 99.9\%$ metals basis, < 100nm

Lot #: F2428505

SKU #: **T397976**

Version: **1**

Analysis #: **362309**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	480.00000 ppm
Particle size	0-100 (nm)	35.66000 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95200 %
Appearance(T397976)	Brown to black powder	Brown to black powder
ICP:Confirms Titanium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager