

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-08 14:36:38

Date of Next Testing: 2027-07-07 14:36:38

Product Name: **Titanium nitride**

CAS Number: 25583-20-4

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

Lot #: G2303595

SKU #: **T397976**

Version: **1**

Analysis #: **040855**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-2000 (ppm)	322.00000 ppm
Particle size	0-100 (nm)	38.73800 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.96780 %
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