

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-15 15:53:56

Date of Next Testing: 2029-11-14 15:53:56

Product Name: **Titanium nitride**

CAS Number: 25583-20-4

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

Lot #: K2506768

SKU # **T397976**

Version **1**

**Analysis #:** **594406**

Storage Temperature: Room temperature, Argon charged

| Parameter                              | Limit Values          | Result                |
|----------------------------------------|-----------------------|-----------------------|
| Particle size                          | 0-100 (nm)            | 39.53000 nm           |
| Total Metallic Impuritie               | 0-2000 (ppm)          | 1000.00000 ppm        |
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)          | 99.90000 %            |
| 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