

Shanghai yuanye Bio-Technology Co., Ltd
465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-11-23 09:40:50
Date of Next Testing: 2028-11-22 09:40:50
Product Name: **Titanium nitride**
CAS Number: 25583-20-4
Specifications & Purity: 99.9% metals basis,20nm
Lot #: K2420619
SKU #: **S52642**
Version: **0**
Analysis #: **439966**
Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.96 %
Particle size	10-30 (nm)	28.30 nm
Total Metallic Impuritie	0-2000 (ppm)	384.00 ppm
Ti(Gravimetric Analysis)	76.2-80.5 (%)	77.85 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(S52642)	Brown to black powder	Brown to black powder

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zou

