

Certificate of Analysis

Date of Testing: 2022-12-06 13:40:36

Date of Next Testing: 2026-12-05 13:40:36

Product Name: **Titanium carbonitride**

CAS Number: 12654-86-3

Specifications & Purity: powder, 1-2 μm , 99% metals basis

Lot #: K2229153

SKU #: **T111302**

Analysis: **161490**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-10000 (ppm)	7064.00 ppm
Particle size	1-2 (μm)	1.50 μm
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.29 %
Appearance (T111302)	grey to black powder	grey to black powder
ICP:Confirms Titanium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager