

Certificate of Analysis

Date of Testing: 2023-03-01 16:57:33

Date of Next Testing: 2027-02-28 16:57:33

Product Name: **Titanium carbonitride**

CAS Number: 12654-86-3

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

Lot #: B2318704

SKU #: **T111302**

Analysis: **131328**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-10000 (ppm)	3557.00 ppm
Particle size	1-2 (μm)	1.59 μm
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.64 %
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