

Certificate of Analysis

Date of Testing: 2023-08-09 14:26:46

Date of Next Testing: 2027-08-08 14:26:46

Product Name: **Titanium carbonitride**

CAS Number: 12654-86-3

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

Lot #: K1906041

SKU #: **T111302**

Analysis: **261891**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-10000 (ppm)	868.00 ppm
Particle size	1-2 (μm)	1.98 μm
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.91 %
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