

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-18 19:01:01

Date of Next Testing: 2028-06-17 19:01:01

Product Name: **Titanium carbide**

CAS Number: 12070-08-5

Specifications & Purity: $\geq 99\%$, 50nm

Lot #: F2406322

SKU #: **T109301**

Version: **0**

Analysis #: **355392**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	99-100 (%)	99.95380 %
Total oxygenContent	0-1 (%)	0.20000 %
Particle size	40-60 (nm)	59.98000 nm
Appearance (T109301)	grey to black powder	grey to black powder
bulk density	0.08g/cm3	0.08g/cm3
Crystal Type(Cube)	Pass	Pass
Surface area,75 m ² /g	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager