

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-29 14:53:38

Date of Next Testing: 2029-08-28 14:53:38

Product Name: **Titanium carbide**

CAS Number: 12070-08-5

Specifications & Purity: $\geq 99\%$, 2-4 μm

Lot #: H2526823

SKU #: **T109300**

Version: **0**

Analysis #: **548861**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	2-4 (μm)	3.82000 μm
Purity	99-100 (%)	99.92660 %
Ti (After Ignition to Oxide)	79.5-81.9 (%)	80.19000 %
Appearance (T109300)	grey to black powder	grey to black powder
Crystal Type(Cube)	Pass	Pass
Hardness	$\geq \text{HRA}90$	$\geq \text{HRA}90$
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager