

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-15 14:24:46

Date of Next Testing: 2029-07-14 14:24:46

Product Name: **Titanium carbide**

CAS Number: 12070-08-5

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

Lot #: I2126406

SKU #: **T109300**

Version: **0**

Analysis #: **540262**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	2-4 (μ m)	3.98600 μ m
Ti (After Ignition to Oxide)	79.5-81.9 (%)	79.50100 %
Purity	99-100 (%)	99.79840 %
Appearance (T109300)	grey to black powder	grey to black powder
Crystal Type(Cube)	Pass	Pass
Hardness	$\geq$ HRA90	$\geq$ HRA90
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager