

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-14 16:55:54

Date of Next Testing: 2027-03-13 16:55:54

Product Name: **Titanium carbide**

CAS Number: 12070-08-5

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

Lot #: C23071137

SKU #: **T109300**

Version: **0**

Analysis #: **157266**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	99-100 (%)	99.47140 %
Particle size	2-4 (μm)	3.46000 μm
Ti (After Ignition to Oxide)	79.5-81.9 (%)	79.51000 %
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