

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-06-06 16:36:51

Date of Next Testing: 2028-06-05 16:36:51

Product Name: **Titanium carbide**

CAS Number: 12070-08-5

Specifications & Purity: 99%,2-4 μ m

Lot #: E2528086

SKU #: **S41457**

Version: **0**

Analysis #: **523768**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	2-4 (μ m)	2.00 μ m
Ti (After Ignition to Oxide)	79.5-81.9 (%)	79.50 %
Purity	99-100 (%)	99.96 %
Crystal Type(Cube)	Pass	Pass
Hardness	$\geq$ HRA90	$\geq$ HRA90
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(S41457)	grey to black powder	grey to black powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

