

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-11-01 13:27:13

Date of Next Testing: 2028-10-31 13:27:13

Product Name: **High-purity ultra-fine titanium carbide powder (TiC)**

CAS Number: 12070-08-5

Specifications & Purity: 99%,50nm

Lot #: J2424127

SKU #: **S57175**

Version: **0**

Analysis #: **429549**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	40-60 (nm)	59.98 nm
Purity	99-100 (%)	99.95 %
Total oxygenContent	0-1 (%)	0.20 %
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
Appearance(S57175)	grey to black powder	grey to black powder

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

