

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-11-11 18:09:14

Date of Next Testing: 2027-11-11 18:09:14

Product Name: **High-purity ultra-fine tantalum carbide powder (TaC)**

CAS Number: 12070-06-3

Specifications & Purity: 99.9%

Lot #: K2404213

SKU #: **S41456**

Version: **0**

Analysis #: **434916**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.91 %
Total Metallic Impuritie	0-2000 (ppm)	882.00 ppm
Purity(Gravimetric Analysis)(after ignition to oxide)	98.5-101.5 (%)	98.50 %
ICP:Confirms Tantalum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(S41456)	Brown to Very Dark Brown Powder	Brown to Very Dark Brown Powder

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zou

