

CERTIFICATE OF ANALYSIS: 202501060199

Material Grade	TiC Powder	Product No.	MCT-SG-3878
Production Date	2024-12-24	Order No.	ZAA-241213
Lot No.	20241224-02	Quantity	10 kg
Process	Spray Granulation	Particle Size	38-78µm

Chemical Compositions / wt%

Element	Specification	Tested
Ti	/	80.2
C	19.0 min.	19.5
S	0.01 max.	0.008
P	0.01 max.	0.005
Free C	0.3 max.	0.1
Fe	0.3 max.	0.1

Standards: GB/T 14265, GB/T 2012

Powder Property

Particle Size	<38um	38-78um	>78um	Standards
(Sieve analysis)(wt%)	6.7	90.3	3.0	GB/T 1480
Flowability (s/50g)	45.3			GB/T 1482
Apparent density (g/cm ³)	1.76			GB/T 1479.1
Tap density (g/cm ³)	2.23			GB/T 5162

Test condition: Temperature 25°C, Humidity 40%

Judgement: Pass



Check: Y. Tang

Approval: L. Wen

Date: 2025-01-06