

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-08 18:06:30

Date of Next Testing: 2027-08-07 18:06:30

Product Name: **Titanium carbide**

CAS Number: 12070-08-5

Specifications & Purity:  $\geq 99\%$ , avg. 100-300nm

Lot #: H2307500

SKU #: **T301912**

Version: **1**

Analysis #: **253156**

Storage Temperature: Room temperature

| Parameter                              | Limit Values                            | Result                                  |
|----------------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(Based On Trace Metals Analysis) | 99-100 (%)                              | 99.98990 %                              |
| Average particle size                  | 100-300 (nm)                            | 290.04000 nm                            |
| Appearance (T301912)                   | Grey to black dark grey to black powder | Grey to black dark grey to black powder |
| X-Ray Diffraction                      | Conforms to Structure                   | Conforms to Structure                   |



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