

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-09 14:41:45

Date of Next Testing: 2027-08-08 14:41:45

Product Name: **niobium carbide**

CAS Number: 12069-94-2

Specifications & Purity:  $\geq 99\%$  metals basis, 1-4 $\mu$ m

Lot #: K1904175

SKU #: **N111041**

Version: **0**

Analysis #: **262087**

Storage Temperature: Room temperature

| Parameter                              | Limit Values          | Result                |
|----------------------------------------|-----------------------|-----------------------|
| Particle size                          | 1-4 ( $\mu$ m)        | 3.31000 $\mu$ m       |
| Purity(Based On Trace Metals Analysis) | 99-100 (%)            | 99.96800 %            |
| Total Metallic Impuritie               | 0-10000 (ppm)         | 317.00000 ppm         |
| Appearance (N111041)                   | black powder          | black powder          |
| ICP:Confirms Niobium Component         | Confirmed             | Confirmed             |
| X-Ray Diffraction                      | Conforms to Structure | Conforms to Structure |



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QA & QC Manager