

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-01 17:37:07

Date of Next Testing: 2030-03-31 17:37:07

Product Name: **Niobium powder**

CAS Number: 7440-03-1

Specifications & Purity:  $\geq 99.9\%$  metals basis,  $\leq 500\text{nm}$

Lot #: C2631379

SKU #: **N661387**

Version: **1**

Analysis #: **676413**

Storage Temperature: Room temperature

| Parameter                              | Limit Values          | Result                |
|----------------------------------------|-----------------------|-----------------------|
| Total Metallic Impuritie               | 0-1000 (ppm)          | 50.00000 ppm          |
| Particle size                          | $\leq 500(\text{nm})$ | 167.79000 nm          |
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)          | 99.99500 %            |
| ICP:Confirms Niobium Component         | Confirmed             | Confirmed             |
| X-Ray Diffraction                      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager