



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-05 09:39:15

Date of Next Testing: 2026-07-04 09:39:15

Product Name: **Niobium wire**

CAS Number: 7440-03-1

Specifications & Purity:  $\geq 99.95\%$  metals basis, except for Ta, diameter  $\sim 0.5\text{mm}$

Lot #: F2317369

SKU #: **N282621**

Version **1**

Analysis #: **226743**

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Diameter                                                | 0.3-0.7 (mm)          | 0.50 mm               |
| Trace Metal Analysis                                    | 0-500 (ppm)           | 124.00 ppm            |
| Purity(Based on Trace Metals Impurities)(except for Ta) | 99.95-100 (%)         | 99.98760 %            |
| Appearance(N282621)                                     | Grey wire             | Grey wire             |
| X-Ray Diffraction                                       | Conforms to Structure | Conforms to Structure |

John Su  
QA & QC Manager