

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-29 17:54:32  
 Date of Next Testing: 2027-09-29 17:54:32  
 Product Name: **Niobium chloride**  
 CAS Number: 10026-12-7  
 Specifications & Purity:  $\geq 99.9\%$  metals basis  
 Lot #: I2519673  
 SKU #: **N106720**  
 Version: **1**  
 Analysis #: **566391**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                              | Limit Values                         | Result                               |
|----------------------------------------|--------------------------------------|--------------------------------------|
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)                         | 99.91850 %                           |
| Total Metallic Impuritie               | 0-1000 (ppm)                         | 815.00000 ppm                        |
| Assay Cl (titration by AgNO3)          | 64.6-66.6 (%)                        | 64.61000 %                           |
| Appearance (N106720)                   | yellow powder,crystals and/or chunks | yellow powder,crystals and/or chunks |
| ICP:Confirms Niobium Component         | Confirmed                            | Confirmed                            |



John Su  
QA & QC Manager