

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-19 17:02:10  
 Date of Next Testing: 2026-01-18 17:02:10  
 Product Name: **Lithium niobate**  
 CAS Number: 12031-63-9  
 Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
 Lot #: C1826037  
 SKU #: **L113915**  
 Version: **0**  
 Analysis #: **068223**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                   | Limit Values                                    | Result                                          |
|---------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(Based On Trace Metals Analysis)      | 99.99-100 (%)                                   | 99.99100 %                                      |
| Total Metallic Impuritie                    | 0-200 (ppm)                                     | 99.99000 ppm                                    |
| Appearance (L113915)                        | White to Off-White Powder, Crystals or Granules | White to Off-White Powder, Crystals or Granules |
| ICP:Confirms Lithium and Niobium components | Confirmed                                       | Confirmed                                       |
| X-Ray Diffraction                           | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager