

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-09 10:54:18

Date of Next Testing: 2025-01-03 10:54:18

Product Name: **Lithium iodide**

CAS Number: 10377-51-2

Specifications &amp; Purity: 99.9% metals basis

Lot #: G2201442

SKU #: **L106781**Analysis: **312275**

| Parameter                                       | Limit Values  | Result  |
|---|---|---|
| Water by Karl Fischer                           | 0-1 (%)   | 0.85 %  |
| Purity(Based on Trace Metals Impurities of ICP) | 99.9-100 (%)  | 99.99 %   |
| Iodine(Titration by AgNO3)                      | 92-93.4 (%)   | 93.10 %   |
| Total Metallic Impuritie                        | 0-1000 (ppm)  | 97.00 ppm   |
| Appearance (L106781)                            | White to Yellow and Faint Beige to Light Beige and Faint Brown to Light Brown Powder or Crystals or Granules or solid or lump | White to Yellow and Faint Beige to Light Beige and Faint Brown to Light Brown Powder or Crystals or Granules or solid or lump |
| ICP: Confirms Lithium Component                 | Confirmed   | Confirmed   |
| X-Ray Diffraction                               | Conforms to Structure   | Conforms to Structure   |

John Su  
QA & QC Manager