

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-14 13:32:05

Date of Next Testing: 2027-02-13 13:32:05

Product Name: **L-Isoleucinol**

CAS Number: 24629-25-2

Specifications & Purity:  $\geq 97\%$

Lot #: B2308893

SKU #: **I117134**

Version: **2**

Analysis #: **151642**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                                                             | Result                                                                   |
|-------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Purity(GC)                          | 97-100 (%)                                                               | 98.52800 %                                                               |
| Specific Rotation                   | 1-5 (°)                                                                  | 4.69500°                                                                 |
| [a] <sub>20</sub> /D(c=1.6 in EtOH) |                                                                          |                                                                          |
| Melting point                       | 36-44 (°C)                                                               | 43.36000 °C                                                              |
| NMR Spectrum 1H                     | Conforms to Structure                                                    | Conforms to Structure                                                    |
| Appearance (I117134)                | White or Colorless or Light Yellow Crystalline Solid to Chunks or Liquid | White or Colorless or Light Yellow Crystalline Solid to Chunks or Liquid |



John Su  
QA & QC Manager