

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-15 08:19:16

Date of Next Testing: 2029-11-14 08:19:16

Product Name: **L-(-)-Glucose**

CAS Number: 921-60-8

Specifications & Purity: Moligand™, ≥98%

Lot #: K2514828

SKU #: **L115560**

Version: **0**

Analysis #: **095088**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                            | Limit Values                          | Result                                |
|----------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=1 to 4 in H <sub>2</sub> O) | -53--49 (°)                           | -49.82000 °                           |
| Purity(HPLC)                                                         | 98-100 (%)                            | 99.88200 %                            |
| Appearance (L115560)                                                 | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Carbon NMR Spectrum                                                  | Conforms to Structure                 | Conforms to Structure                 |
| Solubility in H <sub>2</sub> O , Colorless and clear, 50 mg/mL       | pass                                  | Pass                                  |



John Su  
QA & QC Manager