

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-11 13:10:31  
Date of Next Testing: 2028-03-10 13:10:31  
Product Name: **L-(-)-Glucose**  
CAS Number: 921-60-8  
Specifications & Purity: 98%  
Lot #: C2405110  
SKU #: **L115560**  
**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 (°)	-49.82 °
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