

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-24 18:59:35
 Date of Next Testing: 2029-12-23 18:59:35
 Product Name: **D-(+)-Glucose**
 CAS Number: 50-99-7
 Specifications & Purity: Moligand™, ≥99.5%
 Lot #: L2522386
 SKU #: **G116302**
 Version: **1**
 Analysis #: **631129**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in 0.2% ammonium hydroxide)	50-54 (°)	52.86400°
Purity(HPLC)	99.5-100 (%)	99.59300 %
Appearance (G116302)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless solution at 2 g in 15 ml of water	pass	Pass



John Su
QA & QC Manager