

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-14 17:32:20  
Date of Next Testing: 2028-10-13 17:32:20  
Product Name: **D-(+)-Glucose**  
CAS Number: 50-99-7  
Specifications & Purity: Moligand™, ≥99.5%  
Lot #: J2411821  
SKU #: **G116302**  
Version: **1**  
Analysis #: **420395**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=10 in 0.2% ammonium hydroxide)	50-54 (°)	53.98°
Purity(HPLC)	99.5-100 (%)	99.84500 %
Appearance (G116302)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless solution at 2 g in 15 ml of water	pass	Pass



John Su  
QA & QC Manager