

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-21 00:07:25  
Date of Next Testing: 2026-06-20 00:07:25  
Product Name: **D-(+)-Glucose**  
CAS Number: 50-99-7  
Specifications & Purity: for cell culture,for insect cell culture,≥99.5%  
Lot #: F2218343  
SKU #: **G116307**  
**Analysis: 103744**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>25</sub> /D(c=10 in 0.2% NH <sub>4</sub> OH)	51-55 (°)	51.36°
Purity(HPLC)	99.5-100 (%)	99.89800%
Appearance (G116307)	white powder	White powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
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