

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-14 14:29:28  
Date of Next Testing: 2028-08-13 14:29:28  
Product Name: **D-(+)-Glucose**  
CAS Number: 50-99-7  
Specifications & Purity: for cell culture,for insect cell culture,≥99.5%  
Lot #: H2405229  
SKU #: **G116307**  
Version: **2**  
Analysis #: **399342**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99.5-100 (%)	99.70500 %
Specific Rotation [a] <sub>D</sub> 20/D(c=10 in H <sub>2</sub> O:NH <sub>3</sub> (2+3) = 99.2:0.8)	50-54 (°)	50.12°
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