

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-12-09 17:34:05
Date of Next Testing: 2025-12-08 17:34:05
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: for cell culture,for insect cell culture,≥99.5%
Lot #: L2108239
SKU #: **G116307**
Analysis: **057702**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₅ /D(c=10 in 0.2% NH ₄ OH)	51-55 (°)	51.10°
Purity(HPLC)	99.5-100 (%)	99.61000 %
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 ₂ O , clear colorless solution at 2 g in 15 ml of water	pass	Pass



John Su
QA & QC Manager