

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-23 19:40:47
Date of Next Testing: 2026-03-22 19:40:47
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: for cell culture,for insect cell culture,≥99.5%
Lot #: C2219350
SKU #: **G116307**
Analysis: **057702**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25}^D(c=10 \text{ in } 0.2\% \text{ NH}_4\text{OH})$	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