

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-26 17:29:49
Date of Next Testing: 2029-05-25 17:29:49
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: Moligand™, for cell culture, for insect cell culture, ≥99.5%
Lot #: E2523322
SKU #: **G116307**
Version: **2**
Analysis #: **517961**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99.5-100 (%)	99.52200 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O:NH ₃ (2+3) = 99.2:0.8)	50-54 (°)	50.52°
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