

Certificate of Analysis

Date of Testing: 2022-05-13 17:34:49
Date of Next Testing: 2026-05-12 17:34:49
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: for cell culture,for insect cell culture,≥99.5%
Lot #: E2207126
SKU #: **G116307**
Analysis: **090720**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₅ /D(c=10 in 0.2% NH ₄ OH)	51-55 (°)	52.52°
Purity(HPLC)	99.5-100 (%)	99.50100%
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