

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-03-18 10:53:19

Date of Next Testing: 2030-03-17 10:53:19

Product Name: **D-(+)-Glucose**

CAS Number: 50-99-7

Specifications & Purity: for cell culture, for insect cell culture, $\geq 99.5\%$

Lot #: C2611149

SKU #: **V32151**

Version: **0**

Analysis #: **676713**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99.5-100 (%)	99.84500 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } H_2O:NH_3(2+3) = 99.2:0.8)$	50-54 (°)	53.98°
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
Appearance(V32151)	white powder	White powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

