

Certificate of Analysis

Date of Testing: 2025-01-21 14:54:40

Date of Next Testing: 2029-01-20 14:54:40

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

CAS Number: 50-99-7

Specifications & Purity: Moligand™, for cell culture, for insect cell culture, ≥99.5%

Lot #: A2515456

SKU #: **G116307**

Version: **2**

Analysis #: **466266**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99.5-100 (%)	99.80900 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O:NH}_3(2+3) = 99.2:0.8)$	50-54 (°)	52.05 °
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