

Certificate of Analysis

Date of Testing: 2025-01-21 11:28:12

Date of Next Testing: 2029-01-20 11:28:12

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

CAS Number: 50-99-7

Specifications & Purity: Moligand™, ≥99.5%

Lot #: A2515448

SKU #: **G116302**

Version: **1**

Analysis #: **465789**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=10 in 0.2% ammonium hydroxide)	50-54 (°)	52.05°
Purity(HPLC)	99.5-100 (%)	99.80900 %
Appearance (G116302)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless solution at 2 g in 15 ml of water	pass	Pass



John Su
QA & QC Manager