

## Certificate of Analysis

Date of Testing: 2024-03-26 14:44:16  
Date of Next Testing: 2028-03-25 14:44:16  
Product Name: **D-(+)-Glucose**  
CAS Number: 50-99-7  
Specifications & Purity: Analytical Reagent  
Lot #: C2421343  
SKU #: **G116300**  
**Analysis:** **329366**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Loss on drying	0-2 (%)	0.13 %
Iron(Fe)	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Acidity	0-0.006 (mmol/g)	0.00 mmol/g
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O:NH <sub>3</sub> (2+3) = 99.2:0.8)	50-54 (°)	50.81°
Appearance (G116300)	White powder	White powder
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager