

## Certificate of Analysis

Date of Testing: 2021-12-13 14:31:19  
Date of Next Testing: 2025-12-12 14:31:19  
Product Name: **D-(+)-Glucose**  
CAS Number: 50-99-7  
Specifications & Purity: reagent grade  
Lot #: L2108237  
SKU #: **G116300**  
**Analysis:** **057802**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.02 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Specific Rotation [α] <sub>20/D</sub>	52.5-53 (°)	52.90°
Loss on drying	0-2 (%)	0.10 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.004 (%)	0.00 %
Appearance (G116300)	White powder	White powder
Acidity	pass	Pass %
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager