

## Certificate of Analysis

Date of Testing: 2022-11-30 16:00:54  
Date of Next Testing: 2026-11-29 16:00:54  
Product Name: **D-(+)-Glucose**  
CAS Number: 50-99-7  
Specifications & Purity: reagent grade  
Lot #: K2228242  
SKU #: **G116300**  
**Analysis: 161450**  
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 %
Loss on drying	0-2 (%)	0.04 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Specific Rotation [α] <sub>20/D</sub>	50-54 (°)	50.17°
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