

## Certificate of Analysis

Date of Testing: 2023-04-11 23:37:47  
Date of Next Testing: 2027-04-10 23:37:47  
Product Name: **D-(+)-Glucose**  
CAS Number: 50-99-7  
Specifications & Purity: reagent grade  
Lot #: D23031023  
SKU #: **G116300**  
**Analysis: 208058**  
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 %
Loss on drying	0-2 (%)	0.06 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Specific Rotation [α] <sub>20</sub> /D	50-54 (°)	50.02°
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