

## Certificate of Analysis

Date of Testing: 2023-03-08 18:40:28  
 Date of Next Testing: 2027-03-07 18:40:28  
 Product Name: **D-(+)-Glucose**  
 CAS Number: 50-99-7  
 Specifications & Purity: ACS  
 Lot #: C2306317  
 SKU #: **G116303**  
**Analysis: 187374**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Chloride	0-0.01 (%)	0.00 %
Ignition Residue	0-0.02 (%)	0.00 %
Loss on drying(105°C)	0-0.2 (%)	0.06 %
Titration Acid	0-0.002 (mg/g)	0.00 mg/g
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Specific Rotation [α] <sub>20</sub> /D(c=10 in 0.2% NH <sub>4</sub> OH)	52.5-53 (°)	52.57°
Appearance (G116303)	white powder	White powder
starch	none blue	none blue
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
 QA & QC Manager