

Certificate of Analysis

Date of Testing:	2022-08-29 16:10:20
Date of Next Testing:	2026-08-28 16:10:20
Product Name:	D-(+)-Glucose
CAS Number:	50-99-7
Specifications & Purity:	ACS
Lot #:	H2217395
SKU #	G116303
Analysis:	107036
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Chloride	0-0.01 (%)	0.01 %
Ignition Residue	0-0.02 (%)	0.00 %
Loss on drying(105°C)	0-0.2 (%)	0.09 %
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] ₂₀ /D(c=10 in 0.2% NH ₄ OH)	52.5-53 (°)	52.51°
Appearance (G116303)	white powder	White powder
starch	none blue	none blue
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager