

Certificate of Analysis

Date of Testing: 2022-07-07 17:11:24

Date of Next Testing: 2026-07-06 17:11:24

Product Name: **D-(+)-Glucose**

CAS Number: 50-99-7

Specifications & Purity: ACS

Lot #: G2205208

SKU #: **G116303**

Analysis: **095595**

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 (%)	0.02 %
Titration Acid	0-0.002 (mg/g)	0.00 mg/g
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	2.40 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