

Certificate of Analysis

Date of Testing: 2024-03-26 17:07:49

Date of Next Testing: 2028-03-25 17:07:49

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

CAS Number: 50-99-7

Specifications & Purity: Analytical Reagent

Lot #: C2421342

SKU #: **G116300**

Analysis: **329366**

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 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Loss on drying	0-2 (%)	0.13 %
Iron(Fe)	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Acidity	0-0.006 (mmol/g)	0.00 mmol/g
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O:NH ₃ (2+3) = 99.2:0.8)	50-54 (°)	50.81°
Appearance (G116300)	White powder	White powder
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager