

Certificate of Analysis

Date of Testing: 2025-01-11 08:54:46

Date of Next Testing: 2029-01-10 08:54:46

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

CAS Number: 50-99-7

Specifications & Purity: AR

Lot #: A2507360

SKU #: **G116300**

Version: **2**

Analysis #: **453469**

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 (%)	0.01 %
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 (°)	50.20°
Appearance (G116300)	White powder	White powder
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager