

Certificate of Analysis

Date of Testing: 2025-04-10 11:40:43

Date of Next Testing: 2029-04-09 11:40:43

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

CAS Number: 50-99-7

Specifications & Purity: AR

Lot #: D2502309

SKU #: **G116300**

Version: **2**

Analysis #: **482254**

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 (%)	0.09 %
Iron(Fe)	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in } H_2O:NH_3(2+3) = 99.2:0.8)}$	50-54 (°)	50.03°
Acidity	0-0.006 (mmol/g)	0.01 mmol/g
Appearance (G116300)	White powder	White powder
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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