

## Certificate of Analysis

Date of Testing: 2023-12-27 10:03:53

Date of Next Testing: 2027-12-26 10:03:53

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

CAS Number: 50-99-7

Specifications & Purity: reagent grade

Lot #: L2326133

SKU #: **G116300**

**Analysis:** **309183**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Loss on drying	0-2 (%)	0.07 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O:NH <sub>3</sub> (2+3) = 99.2:0.8)	50-54 (°)	51.65 °
Ignition Residue (as sulfate)	0-0.05 (%)	0.05 %
Appearance (G116300)	White powder	White powder
Acidity	pass	Pass %
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager