

Certificate of Analysis

Date of Testing: 2022-08-03 14:21:08
Date of Next Testing: 2026-08-02 14:21:08
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: reagent grade
Lot #: H2202158
SKU #: **G116300**
Analysis: 120665
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.03 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Specific Rotation [α] _{20/D}	52.5-53 (°)	52.68 °
Loss on drying	0-2 (%)	1.40 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.004 (%)	0.00 %
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