

Certificate of Analysis

Date of Testing: 2023-09-20 15:48:01

Date of Next Testing: 2027-09-19 15:48:01

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

CAS Number: 50-99-7

Specifications & Purity: reagent grade

Lot #: 12315206

SKU #: **G116300**

Analysis: **277496**

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 %
Specific Rotation [α] _{20/D}	50-54 (°)	51.20°
Loss on drying	0-2 (%)	0.10 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.004 (%)	0.00 %
Chloride (Cl ⁻)	0-0.002 (%)	0.00 %
Appearance (G116300)	White powder	White powder
Acidity	pass	Pass %
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager