

Certificate of Analysis

Date of Testing: 2025-06-13 09:10:55
 Date of Next Testing: 2029-06-12 09:10:55
 Product Name: **D-(+)-Glucose**
 CAS Number: 50-99-7
 Specifications & Purity: AR
 Lot #: F2509575
 SKU #: **G116300**
 Version: **2**
 Analysis #: **518839**
 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 (%)	0.18 %
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 (°)	50.56 °
Acidity	0-0.006 (mmol/g)	0.00 mmol/g
Appearance (G116300)	White powder	White powder
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager