

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-02 14:38:54
 Date of Next Testing: 2029-08-01 14:38:54
 Product Name: **D-(+)-Glucose**
 CAS Number: 50-99-7
 Specifications & Purity: AR
 Lot #: G2525306
 SKU #: **G116300**
 Version: **2**
 Analysis #: **542115**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Chloride (Cl-)	0-0.002 (%)	0.00000 %
Loss on drying	0-2 (%)	0.11000 %
Iron(Fe)	0-0.002 (%)	0.00000 %
Calcium(Ca)	0-0.002 (%)	0.00000 %
Sulfate(SO42-)	0-0.004 (%)	0.00000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O:NH ₃ (2+3) = 99.2:0.8)	50-54 (°)	50.93900 °
Acidity	0-0.006 (mmol/g)	0.00000 mmol/g
Appearance (G116300)	White powder	White powder
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager