

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-12-27 09:39:20
Date of Next Testing:	2027-12-26 09:39:20
Product Name:	D-(+)-Glucose
CAS Number:	50-99-7
Specifications & Purity:	reagent grade
Lot #:	L2326131
SKU #	G116300
Analysis:	309095
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(SO ₄ ²⁻)	0-0.004 (%)	0.00 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O:NH ₃ (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



John Su
QA & QC Manager