

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2025-11-10 15:46:55
Date of Next Testing:	2029-11-09 15:46:55
Product Name:	<b>D-(+)-Glucose</b>
CAS Number:	50-99-7
Specifications & Purity:	AR
Lot #:	K2506736
SKU #	<b>G116300</b>
Version	<b>2</b>
<b>Analysis #:</b>	<b>601260</b>
Storage Temperature:	Room temperature,Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.00000 %
Chloride (Cl-)	0-0.002 (%)	0.00000 %
Loss on drying	0-2 (%)	0.21000 %
Iron(Fe)	0-0.002 (%)	0.00000 %
Calcium(Ca)	0-0.002 (%)	0.00000 %
Sulfate(SO42-)	0-0.004 (%)	0.00060 %
Acidity	0-0.006 (mmol/g)	0.00000 mmol/g
Heavy metal (as Pb)	0-0.0005 (%)	0.00050 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O:NH <sub>3</sub> (2+3) = 99.2:0.8)	50-54 (°)	50.20000 °
Appearance (G116300)	White powder	White powder
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager