

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-10 10:08:03  
Date of Next Testing: 2029-11-09 10:08:03  
Product Name: **D-(+)-Glucose**  
CAS Number: 50-99-7  
Specifications & Purity: AR  
Lot #: K2506722  
SKU #: **G116300**  
Version: **2**  
Analysis #: **601260**  
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 $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O}:\text{NH}_3(2+3) = 99.2:0.8)$	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