

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-13 16:14:32  
Date of Next Testing: 2028-04-12 16:14:32  
Product Name: **D-(+)-Glucose**  
CAS Number: 50-99-7  
Specifications & Purity: AR  
Lot #: D2409324  
SKU #: **G116300**  
Version: **2**  
Analysis #: **337038**  
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 (%)	0.02 %
Iron(Fe)	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.004 (%)	0.00 %
Acidity	0-0.006 (mmol/g)	0.00 mmol/g
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 (°)	50.02°
Appearance (G116300)	White powder	White powder
Dextrin	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager