

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-12-05 15:01:35
Date of Next Testing:	2027-12-04 15:01:35
Product Name:	<b>D-(+)-Glucose</b>
CAS Number:	50-99-7
Specifications & Purity:	reagent grade
Lot #:	K2327353
SKU #	<b>G116300</b>
<b>Analysis:</b>	<b>301280</b>
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 (%)	0.32 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.004 (%)	0.00 %
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 (°)	50.01°
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