

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2025-12-25 13:52:09
Date of Next Testing:	2029-12-24 13:52:09
Product Name:	<b>D-(+)-Glucose</b>
CAS Number:	50-99-7
Specifications & Purity:	Moligand™, Ultra pure, ≥99.5%
Lot #:	L2522381
SKU #	<b>G116306</b>
Version	<b>2</b>
<b>Analysis #:</b>	<b>615066</b>
Storage Temperature:	Room temperature, Argon charged

Parameter	Limit Values	Result
Strontium(Sr)	0-0.0005 (%)	0.00000 %
(Pb)Lead	0-0.0005 (%)	0.00000 %
Chloride Content	0-0.005 (%)	0.00000 %
Bismuth(Bi)	0-0.0005 (%)	0.00000 %
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 (°)	52.86400 °
Aluminum(Al)	0-0.0005 (%)	0.00000 %
Barium(Ba)	0-0.0005 (%)	0.00000 %
Purity(HPLC)	99.5-100 (%)	99.59300 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00000 %
Cobalt(Co)	0-0.0005 (%)	0.00000 %
(As)Arsenic	0-0.0001 (%)	0.00000 %
Cadmium(Cd)	0-0.0005 (%)	0.00000 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.00000 %
Loss on drying	0-0.3 (%)	0.13490 %
Appearance (G116306)	white powder	White powder
Insoluble matter	pass	Pass
Solubility 1 M in H <sub>2</sub> O	Colorless, Clear	Colorless, Clear
Filtration test	corresponds to standard	corresponds to standard
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager