

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-31 15:08:33
 Date of Next Testing: 2030-01-30 15:08:33
 Product Name: **D-(+)-Glucose**
 CAS Number: 50-99-7
 Specifications & Purity: Moligand™, ACS
 Lot #: A2629012
 SKU #: **G116303**
 Version: **1**
 Analysis #: **661746**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Chloride	0-0.01 (%)	0.00000 %
Ignition Residue	0-0.02 (%)	0.00000 %
Loss on drying(105°C)	0-0.2 (%)	0.13490 %
Titration Acid	0-0.002 (mg/g)	0.00100 mg/g
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Iron(Fe)	0-5 (ppm)	1.90000 ppm
Specific Rotation [α] ₂₀ /D(c=10 in 0.2% NH ₄ OH)	52.5-53 (°)	52.86400 °
Insoluble matter in H ₂ O	0-0.005 (%)	0.00200 %
Heavy metal (as Pb)	0-5 (ppm)	2.10000 ppm
Appearance (G116303)	white powder	White powder
starch	none blue	none blue
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager