

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-31 16:48:02
Date of Next Testing: 2026-10-30 16:48:02
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: $\geq 99.5\%$ (GC)
Lot #: J2228547
SKU #: **G116302**
Analysis: 150232
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Purity(GC) | 99.5-100 (%) | 99.51% |
| Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } 0.2\% \text{ ammonium hydroxide})$ | 50-54 (°) | 50.17° |
| Appearance (G116302) | white powder | White powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , clear colorless solution at 2 g in 15 ml of water | pass | Pass |



John Su
QA & QC Manager