

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-25 13:04:38  
 Date of Next Testing: 2027-12-25 13:04:38  
 Product Name: **D-(+)-Glucose**  
 CAS Number: 50-99-7  
 Specifications & Purity: Moligand™, Standard for GC, ≥99.5%(GC)  
 Lot #: L2522382  
 SKU #: **G116304**  
 Version: **1**  
 Analysis #: **631516**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                                                         | Limit Values          | Result                |
|---------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                                                                        | 99.5-100 (%)          | 99.59300 %            |
| 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 °            |
| Infrared spectrum                                                                                 | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager