

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-29 09:41:35

Date of Next Testing: 2027-05-29 09:41:35

Product Name: **D-(+)-Glucose**

CAS Number: 50-99-7

Specifications & Purity: Moligand™, Standard for GC, ≥99.5%(GC)

Lot #: E2523328

SKU #: **G116304**

Version: **1**

Analysis #: **518697**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.52200 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } H_2O:NH_3(2+3) = 99.2:0.8)$	50-54 (°)	50.52000 °
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager