

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-11 17:44:32  
Date of Next Testing: 2026-08-10 17:44:32  
Product Name: **D-Glucose-1,2,3,4,5,6-d7**  
CAS Number: 23403-54-5  
Specifications & Purity: 97% , 97%D  
Lot #: H2308373  
SKU #: **D331492**  
**Analysis:** **257169**  
Storage Temperature: Protected from light,Room temperature,Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.10%
Specific Rotation [α] <sub>25</sub> /D(c =2 in H <sub>2</sub> O(trace NH <sub>4</sub> OH)	50-54 (°)	50.21°
Isotopic purity (Atom % D)	97-100 (%)	97.02%
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager