

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-13 10:22:17  
Date of Next Testing: 2027-07-13 10:22:17  
Product Name: **D-Glucose-1,2,3,4,5,6-d7**  
CAS Number: 23403-54-5  
Specifications & Purity: 97% , 97%D  
Lot #: G2403566  
SKU #: **D331492**  
Version: **1**  
Analysis #: **362500**  
Storage Temperature: Protected from light,Room temperature,Argon charged

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	97-100 (%)	97.00%
Purity(HPLC area)	97-100 (%)	98.20%
Specific Rotation [a] <sub>D</sub> 25 (c =2 in H <sub>2</sub> O(trace NH <sub>4</sub> OH))	50-54 (°)	52.00°
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager