

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-01 15:07:05  
Date of Next Testing: 2027-01-31 15:07:05  
Product Name: **D-Glucose-1,2,3,4,5,6,6-d7**  
CAS Number: 23403-54-5  
Specifications & Purity: 97% , 97%D  
Lot #: A2429248  
SKU #: **D331492**  
**Analysis:** **313491**  
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 $[\alpha]_{25}^D(c = 2 \text{ in H}_2\text{O}(\text{trace NH}_4\text{OH}))$	50-54 (°)	51.72°
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager