

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-13 10:49:32
 Date of Next Testing: 2027-07-13 10:49:32
 Product Name: **D-Glucose-1,2,3,4,5,6,6-d7**
 CAS Number: 23403-54-5
 Specifications & Purity: ≥ 97 atom% D, $\geq 97\%$
 Lot #: G2403565
 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 (%)	97.00000 %
Purity(HPLC area)	97-100 (%)	98.20000 %
Specific Rotation $[\alpha]_{25/D}(c=2 \text{ in H}_2\text{O}(\text{trace NH}_4\text{OH}))$	50-54 (°)	52.00000 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager