

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-21 18:59:29
 Date of Next Testing: 2028-10-20 18:59:29
 Product Name: **D-Glucose-1,2,3,4,5,6-d7**
 CAS Number: 23403-54-5
 Specifications & Purity: ≥ 97 atom% D, $\geq 97\%$
 Lot #: J2511361
 SKU #: **D331492**
 Version: **1**
 Analysis #: **583246**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.51 %
Isotopic purity (Atom % D)	97-100 (%)	97.25 %
Specific Rotation $[\alpha]_{25/D}(c=2 \text{ in H}_2\text{O}(\text{trace NH}_4\text{OH}))$	50-54 (°)	52.10°
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager