

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-22 08:47:46

Date of Next Testing: 2028-10-21 08:47:46

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 #: J2511488

SKU #: **D331492**

Version: **1**

Analysis #: **583246**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.51000 %
Isotopic purity (Atom % D)	97-100 (%)	97.25000 %
Specific Rotation $[\alpha]_{25/D}(c=2 \text{ in H}_2\text{O}(\text{trace NH}_4\text{OH}))$	50-54 (°)	52.10000 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager