

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-15 16:43:37

Date of Next Testing: 2026-06-14 16:43:37

Product Name: **1-Butanol-d₁₀**

CAS Number: 34193-38-9

Specifications & Purity: ≥ 99 atom% D

Lot #: F2309222

SKU #: **B474143**

Version: **1**

Analysis #: **222051**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	99-100 (%)	99.50000 %
Purity(GC)	98-100 (%)	99.70000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Carbon NMR Spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager