

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-24 13:23:44
Date of Next Testing: 2029-03-23 13:23:44
Product Name: **DL-Alanine-2,3,3,3-d₄**
CAS Number: 53795-92-9
Specifications & Purity: ≥ 98 atom% D, $\geq 98\%$
Lot #: F2312455
SKU #: **D472023**
Version: **1**
Analysis #: **674891**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	98-100 (%)	99.39800 %
Purity(HPLC area)	98-100 (%)	98.98000 %
Appearance(D472023)	White Powder	White powder
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager