

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-07 17:15:39

Date of Next Testing: 2026-06-06 17:15:39

Product Name: **Choline-1,1,2,2-d₄bromide**

CAS Number: 285979-69-3

Specifications & Purity: 98% , 98atom%D

Lot #: E2330430

SKU # **C471988**

Analysis: **215625**

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

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	98-100 (%)	99.50 %
Purity(HPLC area)	98-100 (%)	99.00 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(C471988)	White Powder	White powder

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager