

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-28 14:33:17  
Date of Next Testing: 2028-05-27 14:33:17  
Product Name: **Lithocholic acid-2,2,4,4-d<sub>4</sub>**  
CAS Number: 83701-16-0  
Specifications & Purity:  $\geq 98$  atom% D,  $\geq 95\%$   
Lot #: E2520528  
SKU #: **L472053**  
Version: **1**  
Analysis #: **507813**  
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	98-100 (%)	99.40000 %
Purity(HPLC)	95-100 (%)	99.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager