

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-09 18:40:49
 Date of Next Testing: 2027-12-09 18:40:49
 Product Name: **Methanol-¹³C,_d4**
 CAS Number: 32479-98-4
 Specifications & Purity: ≥98%cp, ≥99 atom% D, ≥99 atom% ¹³C
 Lot #: L2402477
 SKU #: **M475033**
 Version: **1**
 Analysis #: **394218**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	99-100 (%)	99.80000 %
Isotopic purity(¹³ C)	99-100 (atom%)	99.30000 atom%
Purity(HPLC area)	99-100 (%)	99.90000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager