

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-16 14:03:08

Date of Next Testing: 2029-06-15 14:03:08

Product Name: **Diethyl malonate-d<sub>2</sub>**

CAS Number: 4303-49-5

Specifications & Purity:  $\geq 95$  atom% D,  $\geq 98\%$

Lot #: H2330316

SKU #: **D472016**

Version: **2**

Analysis #: **721453**

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

| Parameter              | Limit Values                  | Result                        |
|------------------------|-------------------------------|-------------------------------|
| Isotopic purity(D)     | 95-100 (atom %)               | 95.09800 atom%                |
| Purity(HPLC area)      | 98-100 (%)                    | 99.99800 %                    |
| Appearance(D472016)    | Clear colorless liquid or oil | Clear colorless liquid or oil |
| NMR Spectrum 1H        | Conforms to structure         | Conforms to Structure         |
| Deuterium NMR Spectrum | Conforms to Structure         | Conforms to Structure         |



John Su  
QA & QC Manager