

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-19 16:08:47

Date of Next Testing: 2028-02-19 16:08:47

Product Name: **Formaldehyde-<sup>13</sup>C, d<sub>2</sub> solution**

CAS Number: 63101-50-8

Specifications & Purity: ≥99 atom% <sup>13</sup>C, ≥98 atom% D, 20 wt. % in D<sub>2</sub>O

Lot #: B2518341

SKU #: **F466444**

Version: **1**

Analysis #: **471508**

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

| Parameter                         | Limit Values          | Result                |
|-----------------------------------|-----------------------|-----------------------|
| Isotopic purity (Atom % D)        | 98-100 (%)            | 99.10000 %            |
| Isotopic purity( <sup>13</sup> C) | 99-100 (atom%)        | 99.50000 atom%        |
| Concentration                     | 15-25 (%)             | 20.00000 %            |
| NMR Spectrum 1H                   | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager