

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-24 10:01:21  
 Date of Next Testing: 2027-10-24 10:01:21  
 Product Name: **Formaldehyde-<sup>13</sup>C solution**  
 CAS Number: 3228-27-1  
 Specifications & Purity: ≥99 atom% <sup>13</sup>C, 20 wt. % in H<sub>2</sub>O  
 Lot #: J2416667  
 SKU #: **F357312**  
 Version: **2**  
 Analysis #: **405369**  
 Storage Temperature: Store at 2-8°C

| Parameter                  | Limit Values          | Result                |
|----------------------------|-----------------------|-----------------------|
| <sup>13</sup> C Enrichment | 99-100 (%)            | 99.00000 %            |
| Concentration              | 18-22 (%)             | 18.40000 %            |
| Proton NMR spectrum        | Conforms to structure | Conforms to Structure |
| Appearance(F357312)        | Colorless liquid      | Colorless liquid      |



John Su  
QA & QC Manager