

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-20 17:04:40

Date of Next Testing: 2027-06-10 17:04:40

Product Name: **Formate (FA)**

CAS Number: 64-18-6

Specifications & Purity:  $\geq 99\%$

Lot #: F2513203

SKU #: **F112038**

Version: **4**

Analysis #: **520260**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Solvent Content(acetic acid by NMR) | 0-1 (%)                          | 0.00000 %                        |
| Water by Karl Fischer               | 0-5 (%)                          | 0.76870 %                        |
| Assay(Titration by NaOH)            | 98.5-101.5 (%)                   | 99.39000 %                       |
| Appearance (F112038)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager