

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-03 09:34:06

Date of Next Testing: 2029-11-02 09:34:06

Product Name: **Formate (FA)**

CAS Number: 64-18-6

Specifications & Purity: ACS, ≥96%

Lot #: J2527248

SKU #: **F130104**

Version: **0**

Analysis #: **601990**

Storage Temperature: Room temperature, Argon charged

| Parameter                  | Limit Values          | Result                |
|----------------------------|-----------------------|-----------------------|
| Acetic Acid                | 0-0.4 (%)             | 0.00130 %             |
| Evaporation Residue        | 0-0.003 (%)           | 0.00031 %             |
| Iron(Fe)                   | 0-0.001 (%)           | 0.00040 %             |
| Purity (Titration by NaOH) | 96-100 (%)            | 99.75000 %            |
| Chloride Content           | 0-0.001 (%)           | 0.00011 %             |
| Heavy metal (as Pb)        | 0-0.001 (%)           | 0.00014 %             |
| Sulfate(SO42-)             | 0-0.003 (%)           | 0.00026 %             |
| Ammonia (NH3)              | 0-0.005 (%)           | 0.00013 %             |
| Appearance (F130104)       | Colorless liquid      | Colorless liquid      |
| (SO3)Sulfite               | Passes test           | Passes test           |
| Dilution Test              | Pass                  | Pass                  |
| Infrared spectrum          | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager