

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-16 11:45:57

Date of Next Testing: 2027-07-16 11:45:57

Product Name: **Formate (FA)**

CAS Number: 64-18-6

Specifications & Purity: UltraPureChrom™, for LC-MS, ≥99%

Lot #: G2510417

SKU #: **F301957**

Version: **1**

Analysis #: **536527**

Storage Temperature: Room temperature, Argon charged

| Parameter                  | Limit Values           | Result                 |
|----------------------------|------------------------|------------------------|
| Lead(Pb)                   | 0-0.2 (ppm)            | 0.10000 ppm            |
| Sodium(Na)                 | 0-0.5 (ppm)            | 0.20000 ppm            |
| Potassium(K)               | 0-0.5 (ppm)            | 0.21000 ppm            |
| Iron(Fe)                   | 0-0.5 (ppm)            | 0.34000 ppm            |
| Calcium(Ca)                | 0-0.5 (ppm)            | 0.26000 ppm            |
| Aluminum(Al)               | 0-0.2 (ppm)            | 0.01000 ppm            |
| UV Absorbance 320nm        | 0-0.01                 | 0.00100                |
| UV Absorbance 300nm        | 0-0.02                 | 0.00200                |
| UV Absorbance 280nm        | 0-0.05                 | 0.00500                |
| Absorbance (at 270 nm)     | 0-0.1                  | 0.02000                |
| UV Absorbance 260nm        | 0-1                    | 0.40500                |
| Water by Karl Fischer      | 0-1 (%)                | 0.50000 %              |
| Evaporation Residue        | 0-10 (ppm)             | 1.00000 ppm            |
| Purity (Titration by NaOH) | 98.5-101.5 (%)         | 99.40000 %             |
| Suitability For Lc Elution | pass test              | pass test              |
| Appearance(F301957)        | Colorless clear liquid | Colorless clear liquid |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager