

## Certificate of Analysis

Date of Testing: 2024-11-09 11:17:39

Date of Next Testing: 2026-11-09 11:17:39

Product Name: **Formate**

CAS Number: 64-18-6

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

Lot #: K2407514

SKU #: **F301957**

Version: **1**

Analysis #: **428368**

Storage Temperature: Room temperature

| Parameter                  | Limit Values           | Result                 |
|----------------------------|------------------------|------------------------|
| Lead(Pb)                   | 0-0.2 (ppm)            | 0.10 ppm               |
| Sodium(Na)                 | 0-0.5 (ppm)            | 0.10 ppm               |
| Potassium(K)               | 0-0.5 (ppm)            | 0.20 ppm               |
| Iron(Fe)                   | 0-0.5 (ppm)            | 0.12 ppm               |
| Calcium(Ca)                | 0-0.5 (ppm)            | 0.11 ppm               |
| Aluminum(Al)               | 0-0.2 (ppm)            | 0.01 ppm               |
| UV Absorbance 320nm        | 0-0.01                 | 0.00                   |
| UV Absorbance 300nm        | 0-0.02                 | 0.01                   |
| UV Absorbance 280nm        | 0-0.05                 | 0.02                   |
| UV Absorbance 270nm        | 0-0.1                  | 0.04                   |
| UV Absorbance 260nm        | 0-1                    | 0.45                   |
| Water by Karl Fischer      | 0-1 (%)                | 0.50 %                 |
| Evaporation Residue        | 0-10 (ppm)             | 1.00 ppm               |
| Purity (Titration by NaOH) | 98.5-101.5 (%)         | 99.90 %                |
| Appearance(F301957)        | Colorless clear liquid | Colorless clear liquid |
| Suitability For Lc Elution | pass test              | pass test              |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su  
QA & QC Manager