

## Certificate of Analysis

Date of Testing: 2022-07-05 16:36:35  
Date of Next Testing: 2024-07-04 16:36:35  
Product Name: **Formate**  
CAS Number: 64-18-6  
Specifications & Purity: LC-MS,99%  
Lot #: G2203320  
SKU #: **F301957**  
**Analysis: 105952**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lead(Pb)	0-0.2 (ppm)	0.13 ppm
Sodium(Na)	0-0.5 (ppm)	0.33 ppm
Potassium(K)	0-0.5 (ppm)	0.25 ppm
Iron(Fe)	0-0.5 (ppm)	0.27 ppm
Calcium(Ca)	0-0.5 (ppm)	0.40 ppm
Aluminum(Al)	0-0.2 (ppm)	0.10 ppm
UV Absorbance 320nm	0-0.01	0.00
UV Absorbance 300nm	0-0.02	0.00
UV Absorbance 280nm	0-0.05	0.01
UV Absorbance 270nm	0-0.1	0.02
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 (%)	100.40 %
Appearance(F301957)	Colorless clear liquid	Colorless clear liquid
Suitability For Lc Elution	pass test	pass test



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ALADDIN SCIENTIFIC CORPORATION

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

John Su  
QA & QC Manager