

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-07 17:15:36

Date of Next Testing: 2023-09-07 17:15:36

Product Name: **Formate (FA)**

CAS Number: 64-18-6

Specifications & Purity: UltraPureChrom™, for ULC-MS, 0.1% in Acetonitrile

Lot #: I2202460

SKU #: **F298778**

Version: **0**

Analysis #: **122213**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Silver(Ag)	0-10 (ppb)	0.53000 ppb
Copper(Cu)	0-10 (ppb)	0.33000 ppb
Aluminum(Al)	0-50 (ppb)	1.00000 ppb
Manganese(Mn)	0-10 (ppb)	0.62000 ppb
Calcium(Ca)	0-50 (ppb)	1.00000 ppb
Evaporation Residue	0-1 (ppm)	0.71000 ppm
Iron(Fe)	0-25 (ppb)	0.49000 ppb
Magnesium(Mg)	0-30 (ppb)	2.00000 ppb
Nickel(Ni)	0-10 (ppb)	0.53000 ppb
Potassium(K)	0-50 (ppb)	3.00000 ppb
LC GRADIENT TEST WITH PDA (200-400 NM)	0-2 (mAU)	1.00000 mAU
Color scale	0-10 (APHA)	4.00000 APHA
Lead(Pb)	0-10 (ppb)	0.43000 ppb
Optical ABS at 210nm	0-1.25	1.10000
Sodium(Na)	0-50 (ppb)	20.00000 ppb
Optical ABS at 254nm	0-0.03	0.02000
Assay (V/V) FORMIC ACID	0.095-0.105 (%)	0.09700 %
Zinc(Zn)	0-20 (ppb)	0.60000 ppb
Water	0-0.01 (%)	0.00600 %
LCMS Suit in Pos Mode (AS RESERPINE)	0-50 (ppb)	45.00000 ppb
Identification	pass	Pass
Appearance (F298778)	Clear, colorless fuming liquid	Clear, colorless fuming liquid



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager