

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-20 18:18:40
 Date of Next Testing: 2026-11-20 18:18:40
 Product Name: **Formate (FA)**
 CAS Number: 64-18-6
 Specifications & Purity: UltraPureChrom™, for ULC-MS, 0.1% in Acetonitrile
 Lot #: K2513360
 SKU #: **F298778**
 Version: **0**
 Analysis #: **581832**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Silver(Ag)	0-10 (ppb)	0.52600 ppb
Copper(Cu)	0-10 (ppb)	0.42500 ppb
Aluminum(Al)	0-50 (ppb)	2.00000 ppb
Manganese(Mn)	0-10 (ppb)	0.23500 ppb
Calcium(Ca)	0-50 (ppb)	0.02500 ppb
Evaporation Residue	0-1 (ppm)	0.00100 ppm
Iron(Fe)	0-25 (ppb)	4.00000 ppb
Magnesium(Mg)	0-30 (ppb)	0.40500 ppb
Nickel(Ni)	0-10 (ppb)	0.00400 ppb
Potassium(K)	0-50 (ppb)	5.00000 ppb
LC GRADIENT TEST WITH PDA (200-400 NM)	0-2 (mAU)	0.52600 mAU
Color scale	0-10 (APHA)	3.00000 APHA
Lead(Pb)	0-10 (ppb)	0.00200 ppb
Optical ABS at 210nm	0-1.25	1.10000
Sodium(Na)	0-50 (ppb)	16.00000 ppb
Optical ABS at 254nm	0-0.03	0.02000
Assay (V/V) FORMIC ACID	0.095-0.105 (%)	0.09800 %
Zinc(Zn)	0-20 (ppb)	2.00000 ppb
Water	0-0.01 (%)	0.00010 %
LCMS Suit in Pos Mode (AS RESERPINE)	0-50 (ppb)	2.52600 ppb
Appearance (F298778)	Clear, colorless fuming liquid	Clear, colorless fuming liquid
Identification	pass	Pass
Solvent(Acetonitrile)	Conform	Conform



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager