

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-29 11:18:05
 Date of Next Testing: 2026-08-29 11:18:05
 Product Name: **Formate (FA)**
 CAS Number: 64-18-6
 Specifications & Purity: UltraPureChrom™, for ULC-MS, 0.1% in Acetonitrile
 Lot #: H2526459
 SKU #: **F298778**
 Version: **0**
 Analysis #: **561930**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Silver(Ag)	0-10 (ppb)	0.20000 ppb
Copper(Cu)	0-10 (ppb)	0.50000 ppb
Aluminum(Al)	0-50 (ppb)	0.56000 ppb
Manganese(Mn)	0-10 (ppb)	0.30000 ppb
Calcium(Ca)	0-50 (ppb)	0.69000 ppb
Evaporation Residue	0-1 (ppm)	0.80000 ppm
Iron(Fe)	0-25 (ppb)	1.00000 ppb
Magnesium(Mg)	0-30 (ppb)	0.65000 ppb
Nickel(Ni)	0-10 (ppb)	0.24000 ppb
Potassium(K)	0-50 (ppb)	0.68000 ppb
LC GRADIENT TEST WITH PDA (200-400 NM)	0-2 (mAU)	1.00000 mAU
Color scale	0-10 (APHA)	2.50000 APHA
Lead(Pb)	0-10 (ppb)	0.54000 ppb
Optical ABS at 210nm	0-1.25	1.10000
Sodium(Na)	0-50 (ppb)	5.00000 ppb
Optical ABS at 254nm	0-0.03	0.02000
Assay (V/V) FORMIC ACID	0.095-0.105 (%)	0.10100 %
Zinc(Zn)	0-20 (ppb)	0.69000 ppb
Water	0-0.01 (%)	0.00500 %
LCMS Suit in Pos Mode (AS RESERPINE)	0-50 (ppb)	25.00000 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