



**ChemPure* Brand
Chemicals**

CERTIFICATE OF ANALYSIS..Pure Quality

Product Name: **FORMIC ACID**
Product Number: CP-L9636
CAS Number: Lot 64-18-6
Number: Z0739902CP
Retest Date: September 30, 2024

LC-MS GRADE, ULTRAPURE

Formula: HCOOH
Formula Weight: 46.03 G/MOL
Date: December 25, 2021

	Results	Units
Appearance	Clear Liquid	
Assay (acidimetry)	99.9	%
Color	≤ 10	Hazen
Al (Aluminum)	≤ 5	ppb
Ca (Calcium)	< 10.0	ppb
Cu (Copper)	< 1.0	ppb
Fe (Iron)	< 5.0	ppb
K (Potassium)	≤ 5.0	ppb
Mg (Magnesium)	≤ 2.0	ppb
Na (Sodium)	≤ 5.0	ppb
NH ₄ (Ammonium)	≤ 10	ppm
Residue on ignition (as sulfate)	≤ 2	ppm
Suitable for LC-MS	≤ 2	ppb
Intensity of background mass peak Based on reserpine (ESI positive)	—	—
Suitable for LC-MS	≤ 20	ppb
Intensity of background mass based on reserpine (ESI negative)		

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It is certified that the above copy is a true copy of the actual lot of analysis from the manufacturer.

Jorge L. Villanueva, Ph.D., General Manager

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