

Formic Acid 99%, AR

HCOOH FW. 46.03
CAS-No. 64-18-6
Code **AR1481**

Density 1 L = 1.22 Kg.
Melting Point 8.5 °C
Boiling Point 100.80 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	99.0%	min.
Appearance	Clear and colorless liquid	
Color (APHA)	10	max.
Dilution test	Passes test	
Residue after evaporation	0.003%	max.
Acetic Acid (CH ₃ COOH)	0.4%	max.
Aldehydes	Passes test	
Formaldehyde (HCHO)	0.1%	max.
Ammonium (NH ₄)	0.005%	max.
Chloride (Cl)	0.0005%	max.
Sulfate (SO ₄)	0.003%	max.
Sulfite (SO ₃)	Passes test	
Heavy metals (as Pb)	5	ppm max.
Calcium (Ca)	0.5	ppm max.
Chromium (Cr)	0.05	ppm max.
Copper (Cu)	0.5	ppm max.
Iron (Fe)	1.0	ppm max.
Lead (Pb)	0.5	ppm max.
Magnesium (Mg)	0.5	ppm max.
Nickel (Ni)	0.05	ppm max.
Potassium (K)	0.1	ppm max.
Silicon (Si)	2.0	ppm max.
Sodium (Na)	0.5	ppm max.
Zinc (Zn)	0.05	ppm max.

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S-QC03-AR-A-F099 / RV.00 / Eff.date 15-08-25