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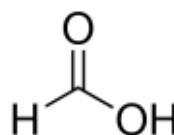
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Formic acid - ACS reagent, ≥96%

Product Number: 695076
CAS Number: 64-18-6
MDL: MFCD00003297
Formula: CH2O2
Formula Weight: 46.03 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Color Test	≤ 15 APHA
Purity (Titration by NaOH)	≥ 96.0 %
Residue on Evaporation	≤ 0.003 %
Water (by Karl Fischer)	2.0 - 2.5 %
Acetic Acid Percent	≤ 0.4 %
Dilution Test	Pass
Chloride Content	< = 0.001%
Iron (Fe)	< = 0.001%
Heavy Metals (as Lead)	< = 0.001%
Ammonium	< = 0.005%
Sulfite	Pass
Sulfate (SO4)	< = 0.003%
Meets ACS Requirements	Current ACS Specification
Expiration Date Period	-----
1 Year	

Specification: PRD.5.ZQ5.10000007974

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.