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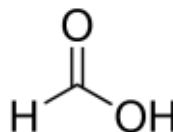
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Formic acid - ACS reagent, 88-91%

Product Number: 399388
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
Titration with NaOH	88.0 - 91.0 %
Residue on Evaporation	≤ 0.002 %
Color Test	≤ 15 APHA
Dilution Test	Pass
Chloride Content	< = 0.001%
Iron (Fe)	< = 5 ppm
Heavy Metals (as Lead)	< = 5 ppm
Acetic Acid Percent	≤ 0.4 %
Ammonium	< = 0.0005%
Sulfite	Pass
Sulfate (SO ₄)	< = 0.002%
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
2 Years	

Specification: PRD.6.ZQ5.10000008833

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.