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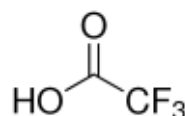
Email USA: techserv@sial.com

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Product Specification

Product Name:
Trifluoroacetic acid – for HPLC, ≥99.0%

Product Number: 302031
CAS Number: 76-05-1
MDL: MFCD00004169
Formula: C₂HF₃O₂
Formula Weight: 114.02 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared Spectrum	Conforms to Structure
Color Test	≤ 20 APHA
UV Absorbance 320nm	≤ 0.025
UV Absorbance 300nm	≤ 0.03
UV Absorbance 290nm	≤ 0.04
UV Absorbance 280nm	≤ 0.05
UV Absorbance 270nm	≤ 0.10
UV Absorbance 260nm	≤ 0.9
GC (area %)	≥ 99.00 %
Residue on Evaporation	≤ 0.005 %
Water (by Karl Fischer)	≤ 0.05 %
Titration with NaOH	99.00 - 101.00 %
Recommended Retest Period	-----
1 Year	

Specification: PRD.4.ZQ5.10000003602

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.