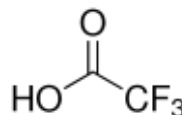


Certificate of Analysis

Product Name:

Trifluoroacetic acid - $\geq 99\%$, for protein sequencing

Product Number: 299537
Batch Number: STBL0199
Brand: SIGALD
CAS Number: 76-05-1
Formula: C₂H_F3O₂
Formula Weight: 114,02 g/mol
Quality Release Date: 20 FEB 2023



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Color Test	≤ 10 APHA	< 10 APHA
Titration with NaOH	99.0 - 101.0 %	99.6 %
Purity (GC)	≥ 99.0 %	99.6 %
Water	≤ 0.05 %	0.02 %
Residue after evaporation	≤ 0.005 %	< 0.001 %
Infrared Spectrum	Conforms to Structure	Conforms
Application Test	Suitable	Suitable
Suitable for Use as a Protein Sequencing Reagent		



Dr. Christian Matheis
Manager, Quality Control
Steinheim, Germany DE

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.

