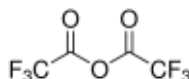


## Certificate of Analysis

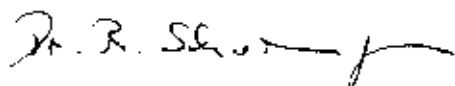
Product Name:

Trifluoroacetic anhydride - for GC derivatization, LiChropur™, ≥99.0% (GC)

**Product Number:** 91719  
**Batch Number:** BCCK3514  
**Brand:** SIAL  
**CAS Number:** 407-25-0  
**Formula:** C<sub>4</sub>F<sub>6</sub>O<sub>3</sub>  
**Formula Weight:** 210,03 g/mol  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 04 MAY 2023  
**Recommended Retest Date:** APR 2026



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Titration with NaOH	99.0 - 101.0 %	100.0 %
Purity (GC)	≥ 99.0 %	99.8 %
Density (D <sub>20</sub> /4)	1.510 - 1.512	1.511
<sup>13</sup> C NMR Spectrum	Conforms to Structure	Conforms



Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland CH

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](http://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.

