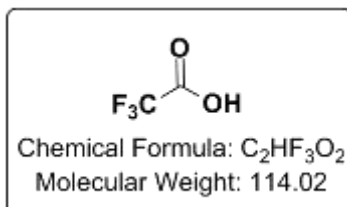




## LCMS Grade Trifluoroacetic Acid (TFA)

Product Numbers: 11204-10x1, 11204-25

## Product Information Bulletin



### Product Background

Alternative Names: TFA, Trifluoroacetic acid

Trifluoroacetic acid (TFA) is an ion pairing agent used in liquid chromatography. TFA is used to facilitate better separations for difficult to separate analytes with polar functional groups. TFA is often the first choice for HPLC and LCMS additive for separating peptides, particularly in peptide synthesis applications.

### General Protocol - TFA Ampule Guidelines

1. Carefully snap the top off of the glass ampule with thumb or ampule snapper, and dispose of the glass top.
2. Using a glass pipette or syringe, remove all of the TFA from the ampule
3. To obtain a 0.1% solution, add TFA to one liter of water or other desired elution solvent.
4. Dispose of any unused reagent in accordance with local chemical disposal laws.

### Notes and Hazardous Warning

Prior to using this chemical, refer to MSDS.

Trifluoroacetic acid (TFA) is corrosive and can be harmful if inhaled. Please take suitable precautions.

### Product Description

Package Size and Product Numbers

10x1 mL..... 11204-10x1

25 mL..... 11204-25

Product Name: [LCMS Grade TFA](#)

CAS Number:.....[76-05-1](#)

### Product Specifications

- Visual: Clear, Colorless liquid
- Gas Chromatography:  $\geq 99.5\%$
- Water Content:  $\leq 0.1\%$
- A300 (conc)  $\leq 0.03$
- A275 (conc)  $\leq 0.04$
- UV Cutoff  $\leq 262$  nm
- Aldehyde Test: Negative
- Ninhydrin Test: Passes

---

CovaChem

6260 East Riverside Blvd

Suite 119

Loves Park, IL 61111

Ph. (815) 315-1271

Fax: (815) 315.1272

Email: [info@CovaChem.com](mailto:info@CovaChem.com)