



# Trifluoroacetic acid

Synonyms:

TFA

| CF <sub>3</sub> COOH | Classification                  | Danger                                                                                                                                                                     |
|----------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight     | 114.02 ONU                      | 2699   |
| CAS                  | 76-05-1 Transport hazard class: | 8                                                                                                                                                                          |
| EEC-N:               | 200-929-3 Packing               | I                                                                                                                                                                          |

Trifluoroacetic acid

> RS - SPECTROSOL - For optical spectroscopy

Special Grade

|                           |                         |         |
|---------------------------|-------------------------|---------|
| Appearance                | Clear colourless liquid | -       |
| Identification (I.R.)     | Conform                 | -       |
| Density d <sub>20/4</sub> | 1.480 - 1.500           | -       |
| Water (K.F.)              | <= 0.05                 | % (w/w) |
| UV Absorbance             | -                       | -       |
| at 260 nm                 | <= 1.2                  | AU      |



|                        |              |         |
|------------------------|--------------|---------|
| at 270 nm              | <= 0.15      | AU      |
| at 280 nm              | <= 0.10      | AU      |
| at 290 nm              | <= 0.09      | AU      |
| at 300 nm              | <= 0.08      | AU      |
| at 320 nm              | <= 0.05      | AU      |
| Assay (acidimetric)    | 99.9 - 101.0 | % (w/w) |
| Residue on evaporation | <= 0.002     | % (w/w) |

| ID       | Size  | Packaging               |
|----------|-------|-------------------------|
| P0082746 | 1 l   | Glass bottle PVC coated |
| P0082747 | 2.5 l | Glass bottle PVC coated |



CARLO ERBA Reagents S.A.S.  
Chaussée du Vexin – 27106 Val  
de Reuil cedex  
N° TVA: FR 63391048824  
Tél : +33 (0)2 32 09 20 00  
[www.carloerbareagents.com](http://www.carloerbareagents.com)



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