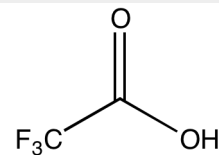


Identification

CF₃COOH
M = 114,02 g/mol
CAS [76-05-1]
EC number: 200-929-3
Taric code: 2915 90 70


Synonyms

Perfluoroacetic acid, TFA

Specifications

assay (acidimetric).....	min. 99 %	strontium (Sr)	max. 0,02 ppm
aluminium (Al).....	max. 0,05 ppm	thallium (Tl).....	max. 0,05 ppm
barium (Ba).....	max. 0,05 ppm	zinc (Zn).....	max. 0,1 ppm
cadmium (Cd).....	max. 0,05 ppm	water (K.F.).....	max. 0,05 %
calcium (Ca).....	max. 0,2 ppm		
chromium (Cr).....	max. 0,05 ppm	suitability for use in LC-MS.....	passes test
cobalt (Co).....	max. 0,02 ppm		
copper (Cu).....	max. 0,02 ppm	max. absorbance	
iron (Fe).....	max. 0,2 ppm	in a 1,0 cm cell at	
lead (Pb).....	max. 0,1 ppm	wavelength:	A (AU)
lithium (Li).....	max. 0,02 ppm	260 nm.....	0,90 AU
magnesium (Mg).....	max. 0,5 ppm	270 nm.....	0,10 AU
manganese (Mn).....	max. 0,05 ppm	280 nm.....	0,05 AU
molybdenum (Mo).....	max. 0,02 ppm	290 nm.....	0,04 AU
nickel (Ni).....	max. 0,05 ppm	300 nm.....	0,03 AU
potassium (K).....	max. 0,1 ppm	320 nm.....	0,025 AU
sodium (Na).....	max. 0,5 ppm		

Physical data

- Density: 1,48 g/cm³
- Solub. in water: (20 °C): freely miscible
- Melting point: -15 °C
- Boiling point: 72 °C
- Vapour pressure: (20 °C) 11 hPa
- Viscosity: (20 °C) 0,91 mPas
- Dielectric const.: (25 °C) 42,1
- Evap. heat: (72 °C) 292 KJ/kg
- pH(20 °C) < 1
- Hygroscopic

Safety - GHS

Signal Word: Danger


Hazard Statements:

- H314: Causes severe skin burns and eye damage.
H332: Harmful if inhaled.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements:

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- WGK: 2
- Poison class CH (Swiss): 3

Transport/storage

- ADR: 8 C3 I • UN 2699 • TRIFLUOROACETIC ACID
- IMDG: 8 I • UN 2699 • TRIFLUOROACETIC ACID
- IATA/ICAO: 8 I • UN 2699 • TRIFLUOROACETIC ACID
- PAX: 807
- CAO: 809
- Store between 15°C and 25°C