

**0.1% TRIFLUOROACETIC ACID IN WATER
(LC-MS Grade)**

Product Number LC485

Packaged in 2.5L and 1L Glass Bottles

Specifications:

Trifluoroacetic Acid(v/v): $0.10 \pm 0.01\%$

Residue: Less than one mg/L

HPLC Gradient Elution: No UV absorbing peak greater than 0.01 absorbance unit (1 cm path length)
at 254 nm, or 0.02 absorbance unit at 215nm. Record value at 235nm.

LC-MS positive mode: No greater than 50 ppb as reserpine and 100 ppb as caffeine

Trace metals:

Ag, Ba, Cd, Co, Cr, Cu, Fe, Ni, Pb, Sn, Mn, 50ppb max.
K, Mg, Ca, Na, Al

Note: Ca and Na levels may increase with time due to leaching from the glass bottle.

Physical Properties:

Molecular weight: 18.02

Boiling point: 100°C(212°F)

Vapor pressure: 17.54 Torr at 20°C(68°F)

Freezing point: 0°C(-32°F)

Solubility in water: Not applicable

Regulatory and Safety Data:

DOT Hazard Class: Not regulated

Protect from temperature extremes and sunlight, and store away from incompatible substances.

Avoid acids, bases, oxidizers and explosives.

EPA applicable waste codes: D002

Flash point: Not applicable

Lower explosive limit: Not applicable

Upper explosive limit: Not applicable

Time Weighted Average: None established

Refer to Material Safety Data Sheet for additional regulatory, health and safety information.