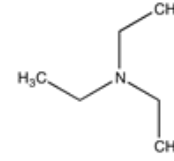


Triethylamine, eluent additive for LC-MS

Identification

C₆H₁₅N
M = 101,19 g/mol
CAS [121-44-8]
EC number: 204-469-4
Taric code: 2921 19 99

**Synonyms**

N,N-Diethylethanamine

Specifications

assay (G.C.).....	min. 99,7 %	lithium (Li).....	max. 0,1 ppm
aluminium (Al).....	max. 0,2 ppm	magnesium (Mg).....	max. 0,1 ppm
barium (Ba).....	max. 0,1 ppm	molybdenum (Mo).....	max. 0,05 ppm
cadmium (Cd).....	max. 0,05 ppm	manganese (Mn).....	max. 0,05 ppm
calcium (Ca).....	max. 0,5 ppm	nickel (Ni).....	max. 0,05 ppm
chromium (Cr).....	max. 0,05 ppm	potassium (K).....	max. 0,5 ppm
cobalt (Co).....	max. 0,05 ppm	sodium (Na).....	max. 0,5 ppm
copper (Cu).....	max. 0,05 ppm	strontium (Sr).....	max. 0,1 ppm
iron (Fe).....	max. 0,1 ppm	zinc (Zn).....	max. 0,1 ppm
lead (Pb).....	max. 0,1 ppm		
		suitability for use in LC-MS.....	passes test

Physical data

- Density: 0,73 g/cm³
- Solub. in water: (20 °C): 133 g/l
- Melting point: -115 °C
- Boiling point: 90 °C
- Flash point: -11 °C
- Ignition temperature: 215 °C
- Vapour pressure: (20 °C) 69 hPa
- Saturation conc.: (20 °C) 256 g/m³
- Expl. limit (upper): 9,3 Vol%
- Expl. limit (lower): 1,2 Vol%
- pH(100 g/l H₂O, 15 °C) 12,7

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled.
H314: Causes severe skin burns and eye damage.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
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.
P310: Immediately call a POISON CENTER or doctor / physician.
P370+P378: In case of fire: Use ... for extinction.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 3 FC II • UN 1296 • TRIETHYLAMINE
- IMDG: 3 II • UN 1296 • TRIETHYLAMINE
- IATA/ICAO: 3 II • UN 1296 • TRIETHYLAMINE
- PAX: 305
- CAO: 307
- 10°C - 30°C