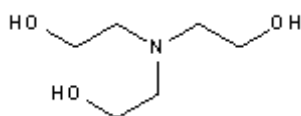
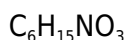
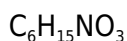


**PRODUCT CODE: 121750****Triethanolamine for analysis**

M.= 149,19 CAS [102-71-6] EINECS 203-049-8

TARIC 2922 15 00 00

**SYNONYMS:** 2,2?,2??-Nitrilotriethanol, 2,2?,2??-Trihydroxytriethylamine, TEA, Tris (2-Hydroxyethyl)Amine, Trolamine

**PHYSICAL DATA:** Miscible with water · Hygroscopic · D 20/4 1,126 · M.P.: 21 C · B.P.: 335,4 C · pH10 - 13 · n<sub>20</sub>/D : 1,4852 · Flash P.:179 C · Ign. T.:335 C · Vap. press. (20 C) 0,02 hPa · Clear colorless to pale yellow liquid. The product has tendency to darker depending on the environmental, the storage and temperature conditions, passing through a pink color and ending in an orange.

**BIBLIOGRAPHY:** Merck Index **12**, 9.798 13, 9.739 Sax **TKP500** · Safety **2** , **3426 B** · K?hn-Birett **T 15** · Ullmann **(5.)10** , 1 · Beilstein **4** , **285 II** , **729 III** , **695 IV** , **1522** · BRN 1699263 · Fieser **11196** · BP.**2020** · USP **-NF 37** · Ph. Eur. **10.0 10.0** (2020) ·

**HAZARDOUS:**RTECS: KL 9275000 · LD50 oral rat 8.000 mg/kg · LD50 ipr mus 1.450 mg/kg VLA-ED 5 mg/m3

**WEIGHT/VOLUME INFORMATION:** 1l~1,124 kg 1kg~0,89 l

**OBSERVATIONS:** Product controlled as dual purpose. · Storage away from direct light. ·

**SPECIFICATIONS:**

Minimum assay (Acidim.)	99,0%
Identity :	
Identity	IR passes test

**Maximum limit of impurities**

APHA colour	50
Residue on ignition (as SO <sub>4</sub> )	0,01 %
Chloride (Cl)	0,001%
Ethanolamine (G.C.)	0,1%
Diethanolamine (G.C.)	0,5%
Water (H <sub>2</sub> O)	0,1 %
Heavy metals (as Pb)	0,0001%
Fe	0,0001 %

Ed.: 4 . Vig.: 28.05.2021 .

Prod.: 121750