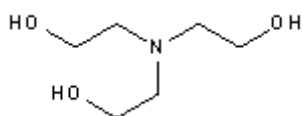


**PRODUCT CODE: 121750****Triethanolamine for analysis**

 $C_6H_{15}NO_3$ $C_6H_{15}NO_3$ 

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: liquid, Clear, Colourless, Miscible with water • Hygroscopic • D 20/4 1,126 • M.P.: 21 °C • B.P.: 335,4 °C • pH10 - 13 • n₂₀/D : 1,4852 • Flash P.:179 °C • Ign. T.:335 °C • Vap. press. (20 °C) 0,02 hPa •

BIBLIOGRAPHY: Merck Index **12**, 9.798 13, 9.739 Sax **TKP500** • Safety **2** , **3426 B** • Kühn-Birett **T 15** • Ullmann **(5.)10** , 1 • Beilstein **4** , **285 II** , **729 III** , **695 IV** , **1522** • BRN 1699263 • Fieser **11196** • BP.**2018** • USP -**NF 36** • Ph. Eur. **9.0** **9.0** (2017) •

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 ₄)	0,01 %
Chloride (Cl)	0,001%
Ethanolamine (G.C.)	0,1%
Diethanolamine (G.C.)	0,5%
Water (H ₂ O)	0,1 %
Heavy metals (as Pb)	0,0001%
Fe	0,0001 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 121750