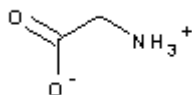
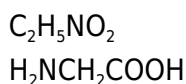


**PRODUCT CODE: 131340****Glycine (Reag. USP) for analysis, ACS**

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M.= 75,07

CAS [56-40-6]

EINECS 200-272-2

TARIC 2922 49 85 45

**SYNONYMS:** Aminoacetic Acid, Glycocol**PHYSICAL DATA:** crystalline powder, White, Soluble in water 250 g/l at 20 °C D 1,607 • M.P.: 232 °C • pH(aqueous solution 0.2 M)4 •**BIBLIOGRAPHY:** Merck Index **12**, 4.500 13, 4.504 Sax **GHA000** • Safety **2**, **1786 D** • Beilstein **4**, **333 IV**, **2349** • BRN 635782 • Fieser **1412** • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •**HAZARDOUS:** RTECS: MB 7600000 • LD50 oral mus 4.920 mg/kg • LD50 oral rat 7.930 mg/kg • LD50 ipr mus 4.450 mg/kg**SPECIFICATIONS:**

Minimum assay (Perchl. Ac.)

99,0%

Identity :

Identity

IR passes test

pH of 5% solution

5,9-6,3

T.L.C.

passes test

**Maximum limit of impurities**

Insoluble matter in H <sub>2</sub> O	0,005 %
Darkened substances by H <sub>2</sub> SO <sub>4</sub>	passes test
Loss on drying at 105°C	0,2%
Residue on ignition (as SO <sub>4</sub> )	0,05 %
Chloride (Cl)	0,005%
Ammonium (NH <sub>4</sub> )	0,005%
Sulfate (SO <sub>4</sub> )	0,005%
Hydrolizable substances	passes test
Heavy metals (as Pb)	0,001%
As	0,0001 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %