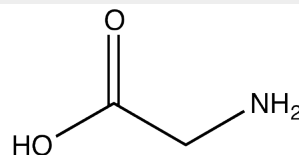


Identification

$C_2H_5NO_2$
M = 75,07 g/mol
CAS [56-40-6]
EC number: 200-272-2
Taric code: 2922 49 85



Synonyms

Aminoacetic acid, Glycocol

Applications

analytical chemistry, in buffer solutions (for electrophoresis), for pharmaceuticals synthesizing, in food industry.

Specifications

assay (titration with HClO ₄).....	min. 99,7 %	heavy metals (as Pb).....	max. 0,001 %
identity (IR-spectrum).....	passes test	iron (Fe).....	max. 1 ppm
insoluble in water.....	max. 0,003 %	lead (Pb).....	max. 1 ppm
pH (5 %, H ₂ O).....	5,9 - 6,3	hydrolyzable substances.....	passes test
chlorides (Cl).....	max. 0,003 %	other ninhydrin positive substances (as glycine).....	max. 0,1 %
sulfates (SO ₄).....	max. 0,0025 %	other aminoacids.....	max. 0,1 %
ammonium (NH ₄).....	max. 0,005 %	substances darkened by H ₂ SO ₄	passes test
copper (Cu).....	max. 1 ppm	residue on ignition (600 °C).....	max. 0,05 %
		water (K.F.).....	max. 0,1 %

Physical data

- Appearance: crystals, bright white
- Spec. Density: 1,595 g/cm³
- Bulk density: ~ 920 kg/m³
- Solub. in water: (20 °C): 225 g/l
- Melting point: 232 - 236 °C (decomposes)
- pH(50 g/l H₂O, 20 °C) 5,9 - 6,4

Transport/storage

- 10°C - 30°C