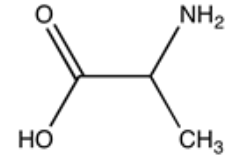


Identification

C₃H₇NO₂
M = 89,09 g/mol
CAS [302-72-7]
EC number: 206-126-4
Taric code: 2922 49 95

**Synonyms**

2-Aminopropionic acid, Ala

Applications

in biochemistry, in food industry.

Specifications

assay (titration with HClO ₄).....	min. 99 %	copper (Cu).....	max. 0,001 %
identity (IR-spectrum).....	passes test	heavy metals (as Pb).....	max. 0,001 %
insoluble in water.....	max. 0,05 %	iron (Fe).....	max. 0,001 %
chlorides (Cl).....	max. 0,01 %	lead (Pb).....	max. 0,001 %
sulfates (SO ₄).....	max. 0,01 %	nickel (Ni).....	max. 0,001 %
ammonium (NH ₄).....	max. 0,02 %	related substances (TLC).....	passes test
arsenic (As).....	max. 1,5 ppm	residue on ignition.....	max 0,1 %
		loss on drying (105 °C).....	max. 0,5 %

Physical data

- Spec. Density: 1,42 g/cm³
- Bulk density: ~ 580 kg/m³
- Solub. in water: (25 °C): 167 g/l
- Melting point: 264 - 296 °C (decomposes)
- pH(100 g/l H₂O, 20 °C) 5,5 - 6,5

Transport/storage

- 5°C - 30°C