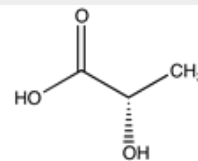


**Identification**

C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>  
M = 90,08 g/mol  
CAS [79-33-4]  
EC number: 200-018-0  
Taric code: 2918 11 00

**Synonyms**

2-Hydroxypropanoic acid, Lactol

**Applications**

in food industry.

**Specifications**

assay (acidimetric).....	min. 88 %	copper (Cu).....	max. 5 ppm
density (20°/20°).....	1,20 - 1,21	heavy metals (as Pb).....	max. 5 ppm
insoluble in C <sub>2</sub> H <sub>5</sub> OC <sub>2</sub> H <sub>5</sub> .....	passes test	iron (Fe).....	max. 2 ppm
aldehydes.....	passes test	lead (Pb).....	max. 5 ppm
chlorides (Cl).....	max. 0,001 %	nickel (Ni).....	max. 5 ppm
sulfates (SO <sub>4</sub> ).....	max. 0,002 %	substances darkened by H <sub>2</sub> SO <sub>4</sub> .....	passes test
arsenic (As).....	max. 0,1 ppm	residue on ignition.....	max. 0,01 %

**Physical data**

- Density: 1,21 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: 18 °C
- Boiling point: (20 hPa) 122 °C
- Flash point: 112 °C
- pH(10 g/l H<sub>2</sub>O, 20 °C) ~ 2,8

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

- H315: Causes skin irritation.  
H318: Causes serious eye damage.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P264: Wash thoroughly after handling.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321: Specific treatment (see on this label).  
P332+P313: If skin irritation occurs: Get medical advice / attention.  
P337+P313: If eye irritation persists: Get medical advice / attention.

**Transport/storage**

- 15°C - 25°C