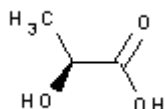


PRODUCT CODE: 201034

L(+)-Lactic Acid (F.C.C.) food grade

$C_3H_6O_3$



M.= 90,08

CAS [79-33-4]

EINECS 201-196-2

TARIC 2918 11 00 00

Purity ranges from 85% to 92% according to application .

SYNONYMS: (S)-2-Hydroxypropanoic Acid

PHYSICAL DATA: liquid, Clear, viscous, Colourless, Miscible with water • D 20/4 1,209 • M.P.: 18 °C • B.P.: 122 °C
 • pH2,8 • n₂₀/D : 1,4251 • Flash P.:110 °C •

BIBLIOGRAPHY: Merck Index **12**, 5.350 13, 5.352 Safety **2** , **2061 C** • Kühn-Birett **G 4** • Beilstein **3** , **268 IV** , **633** • BRN 1720251 • ACS **XI** • BP.**2021** • USP **43** • Ph. Eur. **9.0** (2017) 5.2 , 3227 **10.0** (2020) 5.2 , 3227 • F.C.C **12 13** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: OD 3100000 • LD50 oral rat 3.543 mg/kg • LD50 ipr mus 3.194 mg/kg



H: H314 •

P: P264 • P280 • P302+P352 • P305+P351+P338 • P321 • P501 • P332+P313 • P337+P313 • P362 •

WEIGHT/VOLUME INFORMATION: 1l-1,20 kg 1kg-0,83 l

SPECIFICATIONS:

Assay (as $C_3H_6O_3$) , not less than 85,0%

Residue on ignition
 , not more than 0,1 %

Chloride (Cl) , not more than	0,02%
Sulfate (SO4) , not more than	0,05%
Cyanide, not more than	5 ppm
Citric, Oxalic, Phosphoric, or Tartaric Acids	passes test
Sugars and other reducing substances	passes test
Arsenic (as As), not more than	3 ppm
Iron, not more than	10 ppm
Mercury (Hg), not more than	1 ppm
Lead, not more than	0,5 ppm
Heavy metals (as Pb) , not more than	10 ppm

Specifications F.C.C. 12

For use in foodstuffs according to F.C.C.