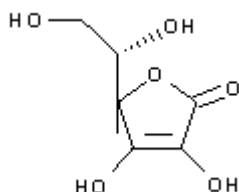
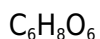


**PRODUCT CODE: 201013****L(+)-Ascorbic Acid (E-300, F.C.C.) food grade**



M.= 176,13

CAS [50-81-7]

EINECS 200-066-2

TARIC 2936 27 00 00

SYNONYMS: (R)-5-[(S)-1,2-Dihydroxyethyl]-3,4-Dihydroxy-5-(H)-Furan-2-one, Vitamin C**PHYSICAL DATA:** Small crystals, White, Soluble in water 333 g/l at 20 °C M.P.: 192 °C • pH(50g/l)2,2 •**BIBLIOGRAPHY:** Merck Index **12**, 867 13, 837 Sax **ARN000** • Safety **2** , **312 A** • Beilstein **18** , **5 III** , **3038 V** , **26** • BRN 84272 • ACS **XI** • ISO 6353-3/1987 R - 70 , 39 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) 6.3 6.6 • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •**HAZARDOUS:** RTECS: CI 7650000 • LD50 oral mus 3.367 mg/kg • LD50 oral rat 11.900 mg/kg • LD50 ipr mus 643 mg/kg**OBSERVATIONS:** Storage away from direct light. •**SPECIFICATIONS:**

Assay (as C ₆ H ₁₄ O ₆) (after drying)	99,0-100,5%
pH of 2%	2,4-2,8
Melting range	189-193°C

Specific rotation [α] 20/D	+20,5 - +21,5°
Insoluble matter in H ₂ O at 20°C, not more than	0,003 %
Loss on drying , not more than	0,4%
Residue on ignition , not more than	0,1 %
Arsenic (as As), not more than	3 ppm
Mercury (Hg), not more than	1 ppm
Lead, not more than	2 ppm
Heavy metals (as Pb) , not more than	0,001%

Specifications Regulation (UE) nº 231/2012 , F.C.C. 11, R.D. 1466/2009

For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C.

Ed.: 5 . Vig.: 15.01.2011 .

Prod.: 201013