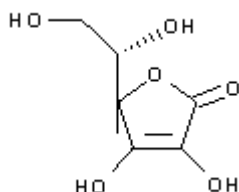




PRODUCT CODE: 201013

L(+)-Ascorbic Acid (E-300, F.C.C.) food grade

$C_6H_8O_6$



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.2020 USP **42** Ph. Eur. **9.0** (2017) **10.0** (2020) 6.3 6.6 F.C.C **11 12** 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	189-193C
Specific rotation [α] 20/D	+20,5 - +21,5
Insoluble matter in H ₂ O at 20C, 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) n 231/2012 , F.C.C. 12, R.D. 1466/2009

For use in foodstuffs according to Regulation (EC) n 1333/2008 and F.C.C.

Ed.: 5 . Vig.: 15.01.2011 .

Prod.: 201013