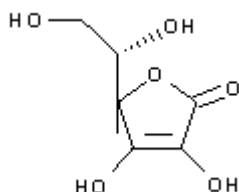
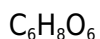


**PRODUCT CODE: 131013****L(+)-Ascorbic Acid for analysis, ACS**



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:**

Minimum assay (Iodom.)

99,0%

Identity :

Identity

IR passes test

Melting range

188-192 °C

Specific rotation [α] 20/D c=10 (in H2O)

+20,5 - +21,5°

Maximum limit of impurities

Insoluble matter in H ₂ O	0,01 %
Loss on drying at 105°C	0,1%
Residue on ignition (as SO ₄)	0,1 %
Chloride (Cl)	0,005%
Sulfate (SO ₄)	0,002%
Heavy Metals (ICP-OES)	0,001 %
Cu	0,0002 %
Fe	0,0002 %
Ni	0,001 %
Pb	0,001 %

Ed.: 5 . Vig.: 27.02.2017 .

Prod.: 131013