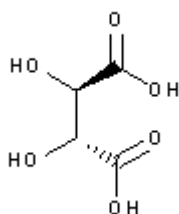
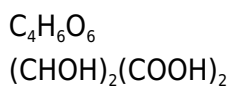


**PRODUCT CODE: 141066****L(+)-Tartaric Acid pure**



M.= 150,09

CAS [87-69-4]

EINECS 201-766-0

TARIC 2918 12 00 00

SYNONYMS: (2R, 3R)-(+)-Tartaric Acid, 2,3-Dihydroxybutanedioic Acid**PHYSICAL DATA:** Small crystals, White, Soluble in water 1.390 g/l at 20 °C D 1,76 • M.P.: 170 °C • pH1,6 •**BIBLIOGRAPHY:** Merck Index **12**, 9.237 13, 9.158 Sax **TAF750** • Safety **2**, **3213 B** • Römp **8**, **4609** • Ullmann **(5.)13**, 508 • Beilstein **3**, **481 I**, **169 II**, **308 III**, **995 IV**, **1219** • BRN 1725147 • ACS **XI** • ISO 6353/3-1987 R - 93, 71 • BP.**2018** • USP -**NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •**HAZARDOUS:** RTECS: WW 7875000 • LD L0 oral rbt 5.000 mg/kg • LD L0 rbt 5g/Kg •

H: H319 •

P: P264 • P280 • P305+P351+P338 • P337+P313 •

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	99,5%
Specific rotation $[\alpha]_{20/D} c=20$ (in H ₂ O)	+12,0 - +13,0°
Insoluble matter in H ₂ O	0,005 %
Loss on drying at 105°C	0,2%
Residue on ignition (as SO ₄)	0,1 %
Chloride (Cl)	0,003%
Phosphate (PO ₄)	0,005 %
Sulfate (SO ₄)	0,015%
As	0,0001 %
Ca	0,02 %
Cu	0,001 %
Fe	0,001 %
Mg	0,02 %
Ni	0,001 %
Pb	0,001 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 141066