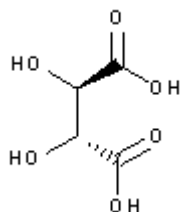


PRODUCT CODE: 131066

L(+)-Tartaric Acid (Reag. USP) for analysis, ACS

$C_4H_6O_6$

$(CHOH)_2(COOH)_2$



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.**2021** • USP -**NF 37** • Ph. Eur. **9.0** (2017) **10.0** (2020) • F.C.C **11 12** • 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:

Minimum assay (Acidim.)

99,0%

Identity :

Identity IR passes test
Specific rotation [α]_D²⁰ c=10 (in H₂O) +12,0 - +14,0°

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 105°C	0,5%
Residue on ignition (as SO ₄)	0,01 %
Chloride (Cl)	0,0005%
Sulfur compounds (as SO ₄)	0,002 %
Phosphate (PO ₄)	0,001 %
Oxalate (C ₂ O ₄)	0,03%
Heavy metals (as Pb)	0,0005%
As	0,00002 %
Ca	0,002 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,002 %
Ni	0,0005 %
Pb	0,0005 %