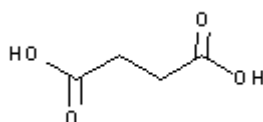
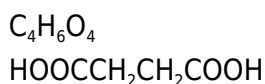




PRODUCT CODE: 131883

Succinic Acid (Reag. USP) for analysis, ACS



M.= 118,09

CAS [110-15-6]

EINECS 203-740-4

TARIC 2917 19 80 90

SYNONYMS: Butanedioic Acid

PHYSICAL DATA: Small crystals, White, Soluble in water 70 g/l at 20 °C Thermal decom. above 235 °C • D 1,55 • M.P.: 187 °C • B.P.: 235 °C • Flash P.:206 °C • Ign. T.:630 °C •

BIBLIOGRAPHY: Merck Index **12**, 9.083 13, 8.953 Sax **SMY500** • Safety **2** , **3188 C** • Römpe **8** , **414** • Beilstein **2** , **601 I** , **259 II** , **540 III** ,**1643 IV** , **1908** • BRN 1754069 • ACS **XI** • USP **42** • F.C.C **11 12** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: WM 4900000 • LD50 oral rat 2.260 mg/kg • LD50 ipr mus 2.702 mg/kg



H: H318 •

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

SPECIFICATIONS:

Minimum assay (Acidim.)
Identity :

99,0%

Identity IR passes test
Melting range 185,0-190,0°C

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Residue on ignition	0,02 %
Chloride (Cl)	0,001%
Nitrogen compounds (as N)	0,001%
Phosphate (PO ₄)	0,001 %
Sulfate (SO ₄)	0,003%
Heavy metals (as Pb)	0,0005%
As	0,0001 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,005 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %