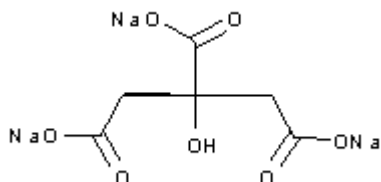


PRODUCT CODE: 131655

tri-Sodium Citrate 2-hydrate (Reag. USP) for analysis, ACS

$C_6H_5Na_3O_7 \cdot 2H_2O$



M.= 294,10

CAS [6132-04-3]

EINECS 200-675-3

TARIC 2918 15 00 10

SYNONYMS: 2-Hydroxy-1,2,3-Propanetricarboxylic Acid SodiumSalt, Citric Acid Trisodium Salt, Sodium Citrate

PHYSICAL DATA: Small crystals, White, Soluble in water 720 g/l at 25 °C D 1,98 • M.P.: 150 °C • pH7,5 - 9,0 •

BIBLIOGRAPHY: Merck Index **12**, 8.746 13, 8.675 Safety **2**, **893 C** • Römp **8**, **2723** • Beilstein **3**, **IV**, **1272** • ACS **XI** • ISO 6353-3/1987R - 94, 72 • BP.2021 • USP **42** • 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: GE 8300000 • LD50 ipr mus 1.364 mg/kg

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0%
Identity :	
Identity	passes test
pH of 5% solution	7,5-9,0

Maximum limit of impurities

Insoluble matter in H2O	0,003 %
Darkened substances by H2SO4	passes test

Reducing substances	passes test
Chloride (Cl)	0,003%
Ammonium (NH ₄)	0,001%
Sulfate (SO ₄)	0,005%
Oxalate (C ₂ O ₄)	0,01%
Heavy Metals (ICP-OES)	0,0005 %
Water	11,0 - 13,0 %
As	0,00004 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,01 %
Ni	0,0005 %
Pb	0,0005 %