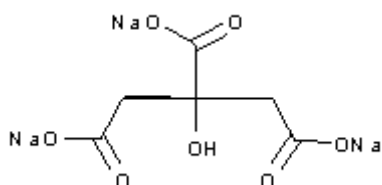
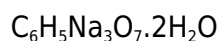


**PRODUCT CODE: 131655****tri-Sodium Citrate 2-hydrate for analysis, ACS**



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** • Römpp **8**, **2723** • Beilstein **3**, **IV**, **1272** •ACS **XI** • ISO 6353-3/1987R - 94, 72 • BP.**2018** • USP **41** • 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: 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 H ₂ O | 0,003 % |
| Darkened substances by H ₂ SO ₄ | 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 % |