

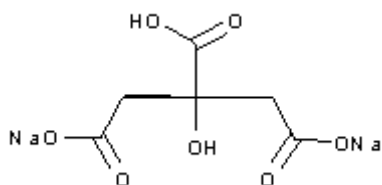


PRODUCT CODE: 121654

di-Sodium Hydrogen Citrate 1 1/2-hydrate (Reag. Ph. Eur.) for analysis

$C_6H_6Na_2O_7 \cdot 1\ 1/2H_2O$

$Na_2HC_6H_5O_7 \cdot 1\ 1/2H_2O$



M.= 263,11

CAS [144-33-2]

EINECS 205-623-3

TARIC 2918 15 00 10

SYNONYMS: 2-Hydroxy-1,2,3-Propanetricarboxylic Acid Disodium Salt, Citric Acid Disodium Salt, Sodium Citrate Dibasic

PHYSICAL DATA: crystalline powder, White, Soluble in water. Thermal decom. above 137 °C • M.P.: 149 °C •

BIBLIOGRAPHY: Merck Index **12**, 8.747 13, 8.676 Sax **DXC400** • Beilstein **3**, **563 II**, **359** • BRN 3770069 • BP.2020 • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: GE 7580000 •

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,0%

pH of 5% solution 4,9-5,2

Maximum limit of impurities

Insoluble matter in H₂O 0,005 %

Darkened substances by H2SO4	passes test
Reducing substances	passes test
Chloride (Cl)	0,001%
Ammonium (NH4)	0,001%
Phosphate (PO4)	0,002 %
Oxalate (C2O4)	0,01%
Heavy metals (as Pb)	0,001%
As	0,00004 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

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