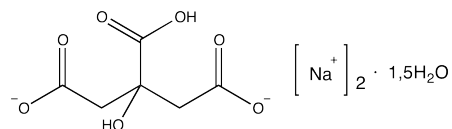


di-Sodium hydrogen citrate 1,5-hydrate, for analysis, ExpertQ®, Reag. Ph Eur

Identification

$C_6H_6Na_2O_7 \cdot 1,5H_2O$
M = 263,11 g/mol
CAS [6132-05-4]
EC number: 205-623-3
Taric code: 2918 15 00



Applications

for pharmaceuticals synthesizing (anticoagulant).

Specifications

assay (titration with $HClO_4$)..... 98 - 104 %
identity (IR-spectrum)..... passes test
pH (3 %, H_2O)..... 4,9 - 5,2
chlorides (Cl)..... max. 0,033 %
oxalates (C_2O_4)..... max. 0,01 %

sulfates (SO_4)..... max. 0,12 %
arsenic (As)..... max. 1 ppm
heavy metals (as Pb)..... max. 0,002 %
lead (Pb)..... max. 5 ppm
substances darkened by H_2SO_4 passes test
water (K.F.)..... max. 13 %

Physical data

- Appearance: crystals or powder, white
- Melting point: 149 °C

Transport/storage

- 10°C - 30°C