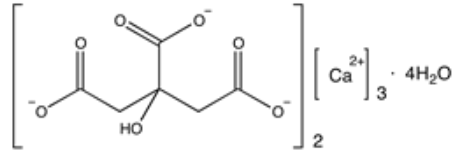


tri-Calcium dicitrate tetrahydrate, powder, Pharmpur®, USP

Identification

$C_{12}H_{10}Ca_3O_{14} \cdot 4H_2O$
M = 570,51 g/mol
CAS [5785-44-4]
EC number: 212-391-7
Taric code: 2918 15 00

**Synonyms**

Calcium citrate, 2-Hydroxy-1,2,3-propanetricarboxylic acid calcium salt (2:3)

Applications

pharmaceutical and food industries, in pharma industry.

Specifications

assay (HPLC, on dried basis) 98,0 - 102,0 %
Identification A (USP).....passes test
Identification B (USP).....passes test
acid-insoluble matter.....max. 0,2 %

fluorides (F).....max. 0,003 %
arsenic (As).....max. 3 ppm
lead (Pb).....max. 10 ppm
loss on drying (150°C, 4 h)..... 10,0 - 13,3 %

Physical data

- Bulk density: ~ 350 kg/m³
- Solub. in water: (20 °C): ~ 1 g/l

Transport/storage

- 10°C - 30°C