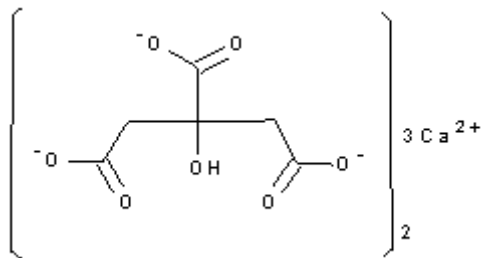
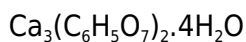
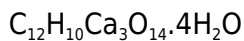


**PRODUCT CODE: 201213****tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.) food grade**

M.= 570,51 CAS [5785-44-4] EINECS 212-391-7

TARIC 2918 15 00 10

SYNONYMS: 2-Hydroxy-1,2,3-Propanetricarboxylic Acid Calcium Salt (2:3), Calcium Citrate, Citric Acid tri-Calcium Salt

PHYSICAL DATA: crystalline powder, White, Soluble in water 1 g/l at 20 C pH(25 g/l)6,5 ·

BIBLIOGRAPHY: Merck Index **12**, 1.701 13, 1.662 Beilstein **3** , **IV** , **1275** · USP **42** · F.C.C **11 12** · BOE **243**(8-10-2009) · Regulation (EU) n 231/2012 ·

HAZARDOUS:RTECS: GE 7810000 ·

SPECIFICATIONS:

| | |
|------------------------------------------------------------------------------------------|-------------|
| Assay (as C ₁₂ H ₁₀ Ca ₃ O ₁₄) after drying | 97,5-100,5% |
| Identity : | |
| Identity Calcium | passes test |
| Identity Citrate | passes test |
| Appearance | passes test |
| Loss on drying | 10,0-14,0 % |

| | |
|------------------------------------------------|-------------|
| Carbonate | passes test |
| Fluoride, not more than | 0,003% |
| Oxalate (as oxalic acid) a.a.s., not more than | 0,01% |
| Arsenic (as As), not more than | 1 ppm |
| Mercury (Hg), not more than | 1 ppm |
| Lead, not more than | 1 ppm |
| Aluminium, not more than | 30 ppm |
| Heavy metals (as Pb) , not more than | 5 ppm |

Specifications Regulation (UE) n 231/2012, F.C.C. 12, R.D. 1466/2009

For use in foodstuffs according to Regulation (EC) n 1333/2008 and F.C.C.

Ed.: 6 . Vig.: 26.10.2012 .

Prod.: 201213