

**NAME AND CODE**

**Calcium Citrate Tetrahydrate USP Low HM
Fine Granular**

Code 2201

CHEMICAL FORMULA

$\text{Ca}_3(\text{C}_6\text{H}_5\text{O}_7)_2 \cdot 4\text{H}_2\text{O}$ Mol. Wt. 570.50

CAS NUMBER

5785-44-4

USE

Nutrient; Dietary Supplement; Pharmaceuticals

DESCRIPTION

Fine, white granule with characteristic odor

CHEMICAL SPECIFICATION**TESTS****SPECIFICATIONS****IDENTIFICATION**

| | |
|-------------------------|------------------------------|
| Test A | To pass test |
| Test B | To pass test |
| Assay (anhydrous basis) | 97.5 –100.5% |
| Arsenic (As) | 0.5 ppm maximum |
| Fluoride | 0.003% maximum |
| Lead (Pb) | 0.2 ppm maximum |
| Cadmium | 1 ppm maximum |
| Mercury (Hg) | 0.1 ppm maximum |
| Heavy Metals | 0.002% maximum |
| LOD | 10.0-13.3% |
| Acid Insolubles | 0.2% maximum |
| Residual Solvents | Conforms to USP requirements |
| Appearance | Fine White Granule |

Microbial Tests

| | |
|----------------------|------------------------|
| Aerobic Plate Count | 1000 cfu/ gram maximum |
| Yeast and Mold Count | 100 cfu/ gm maximum |
| Total Coliforms | Negative |

CONTAINERS

50 kg / 110 lb fiber drums; 25 kilogram packs EU only

STORAGE

Store in a clean, dry warehouse in the original unopened containers.

REVISION DATE

03/04/14