

**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

**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**

08/08/11