

**NAME AND CODE****Ferric Ammonium Citrate USP Brown Powder**

Code 2399

CHEMICAL FORMULA

A complex salt of undetermined structure composed of iron, ammonia and citric acid.

CAS NUMBER

1185-57-5

USE

Nutritional Supplement; Pharmaceuticals

DESCRIPTION

Brown powder very soluble in water and having a mild iron-metallic taste. FAC has an ammoniacal and ferruginous odor. It may deliquesce in air and is affected by light.

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

| | |
|----------------|----------------|
| Assay | 16.5-18.5% |
| Ferric Citrate | Pass test |
| Lead | 10 ppm maximum |
| Mercury | 1 ppm maximum |
| Oxalate | Pass test |
| Sulfate | 0.3% maximum |
| pH (5%) | 5.0 – 8.0 |

Microbial Test Results

| | |
|----------------------|-------------------------|
| Aerobic Plate Count | 1000 cfu / gram maximum |
| Yeast and Mold Count | 100 cfu / gram 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. Store in light resistant containers.

REVISION DATE

11/05/08