

**NAME AND CODE****Ferric Ammonium Citrate FCC, Brown Powder**

Code 2391

CHEMICAL FORMULA

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

CAS NUMBER

1185-57-5

USE

Nutritional Supplement; Specialized Plant Nutrient

DESCRIPTION

Ferric ammonium citrate, brown, occurs as thin, transparent brown, red-brown or garnet red scales or granules, or as a brown-yellow powder. It is very soluble in water, but is insoluble in alcohol. The pH of a 1:20 aqueous solution is about 5.0 to 8.0. It is deliquescent in air and is affected by light.

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

Identification

Test A

Pass test

Test B

Pass test

Test C

Pass test

Assay

16.5-18.5% Fe³⁺

Ferric Citrate

Pass test

Lead

2 ppm maximum

Mercury

1 ppm maximum

Oxalate

Pass test

Sulfate

0.3% maximum

pH

5.0 - 8.0

CONTAINERS50 kg / 110 lb. fiber drums; 25 kilogram packs EU only
Store in light resistant containers.**STORAGE**

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

REVISION DATE

02/24/06