



# PRODUCT SHEET

## 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 Ingredient; 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

ID Test A	Pass
ID Test B	Pass
ID Test C	Pass
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 kg packs EU only

## STORAGE

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

## REVISION DATE

4/08/21