

**NAME AND CODE****Ferrous Fumarate USP Powder**

Code 2360

CHEMICAL FORMULA $\text{FeC}_4\text{H}_2\text{O}_4$

Mol. Wt. 169.90

CAS NUMBER

141-01-5

USE

Nutrient, Dietary Supplement

DESCRIPTION

An odorless reddish orange to red-brown powder. It may contain soft lumps that produce a yellow streak when crushed.

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

Identification

Test A

Pass test

Test B

Pass test

Assay (dried basis)

97.0 - 101.0%

LOD

1.5% maximum

Ferric Iron

2.0% maximum

Lead

1 ppm maximum

Mercury

0.10 ppm maximum

Sulfate

0.2% maximum

Arsenic (USP only)

3 ppm maximum

Cadmium

1 ppm maximum

Chromium

10 ppm maximum

Residual Solvents

Conforms to USP

Microbial test Results

Aerobic Plate Count

1000 cfu/g maximum

Yeast and Mold Count

100 cfu/g maximum

Total Coliforms

Negative

IRON CONTENT

31.9 - 33.2%

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

07/07/08