

**NAME AND CODE****Ferrous Fumarate EP Powder****CHEMICAL FORMULA**FeC₄H₂O₄

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

Passes test

Test B

Passes test

Test C

Passes test

Assay (dried basis)

93.0 - 101.0%

LOD

1.0% maximum

Ferric Ion

2.0% maximum

Lead

2 ppm maximum

Mercury

1 ppm maximum

Cadmium

10 ppm maximum

Chromium

10 ppm maximum

Nickel

200 ppm maximum

Zinc

500 ppm maximum

Sulfate

0.2% maximum

Arsenic

5 ppm maximum

Microbial Test Results

Aerobic Plate Count

1000 cfu / gm maximum

Yeast and Mold Count

100 cfu / gm maximum

Total Coliforms

Negative

IRON CONTENT (As Is)

30.3 – 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

02/23/09