

**NAME AND CODE****Ferrous Gluconate EP Powder**

Code 2397

**CHEMICAL FORMULA** $\text{Fe}(\text{C}_6\text{H}_{11}\text{O}_7)_2 \cdot 2\text{H}_2\text{O}$  Mol. Wt. 482.17**CAS NUMBER**

299-29-6

**USE**

Nutrient; Dietary Supplement

**DESCRIPTION**

Brown, Tan or Gray to Greenish Yellow powder

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

Test A

Pass Test

Test B

Pass Test

Appearance of Solution

Clear/Not Turbid

Assay as iron(II) (dry basis)

11.8-12.5%

Arsenic

2 ppm maximum

Barium

Pass Test

Chloride

0.06% maximum

Ferric Iron

1.0% maximum

Heavy Metals

20 ppm maximum

Loss on Drying

5.0-10.5 %

Oxalates

Pass Test

pH (10% solution)

4.0-5.5

Sucrose and Reducing Sugars

Pass Test

Sulfate

500 ppm maximum

Microbial Plate Count

Aerobic Plate Count

1000 cfu / gm maximum

Yeast and Mold Count

100 cfu / gm 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.

**REVISION DATE**

02/25/11