

**NAME AND CODE****Ferrous Lactate Dihydrate FCC Powder**

Code 2398

CHEMICAL FORMULA $\text{Fe}[\text{CH}_3\text{CH}(\text{OH})\text{COO}]_2 \cdot 2 \text{H}_2\text{O}$

Mol. Wt. 269.99

CAS NUMBER

5905-52-2

USE

Nutrient; Dietary Supplement

DESCRIPTION

Fine, Greenish-white powder w/ characteristic odor

CHEMICAL SPECIFICATION**TESTS****SPECIFICATIONS**Identification: Lactate
Ironto pass test
to pass test

Water

12.0 – 14.0%

Assay (Anhydrous Basis)

97.0 – 100.5%

Chloride

0.05% maximum

Sulfate

0.1% maximum

Lead

1 ppm maximum

Ferric Iron

0.2% maximum

Oxalic Acid

to pass test

Specific Rotation $[\alpha]_D^{20}$ (Anhydrous Basis)

+6.0° to +11.0°

pH (2%)

5.0 – 6.0

IRON CONTENT

Anhydrous Basis 23.2 – 24.0%

Dihydrate Basis 20.1 – 20.8%

CONTAINERS

50 kg / 110 lb. fiber drums; 25 kilogram packs EU only

STORAGE

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

REGULATORY

This substance has not been found on the TSCA inventory. This substance is manufactured for use only as a dietary supplement.

REVISION DATE

12/22/05