

**NAME AND CODE****Manganese Citrate FCC Powder**

Code 2569

CHEMICAL FORMULA $Mn_3(C_6H_5O_7)_2 \cdot 10H_2O$ Mol. Wt. 723.17**CAS NUMBER**

10024-66-5

USE

Nutrient, Dietary Supplement

DESCRIPTION

Pale pink powder; must match reference standard

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

ID Test Manganese

Passes Test

ID Test Citrate

Passes Test

Assay (dry basis)

96.5 – 104.8%

LOD

23.0 – 26.0 %

Sulfate

0.02% maximum

Lead

2 ppm maximum

Arsenic

3 ppm maximum

Particle Size

30 Mesh

100% through

70 Mesh

>90% through

MANGANESE CONTENT

Anhydrous Basis

29.3 - 31.8 %

Decahydrate Basis

22.0 - 23.9 %

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

05/14/08