

**NAME AND CODE**

**Manganese Gluconate Dihydrate USP/FCC Low HM Powder**

Code: 2597

**CHEMICAL FORMULA**

$MnC_{12}H_{22}O_{14} \cdot 2H_2O$  Mol. Wt. Dihydrate 481.27

**CAS NUMBER**

6485-39-8

**USE**

Nutrient; Dietary Supplement

**DESCRIPTION**

pink fine powder

**CHEMICAL SPECIFICATION**

TESTS	SPECIFICATIONS
Assay (on a dry basis)	98.0 - 102.0%
Heavy Metals	0.002% maximum
Lead (Pb)	1 ppm maximum
Arsenic (As)	1 ppm maximum
Cadmium (Cd)	1 ppm maximum
Mercury (Hg)	0.1 ppm maximum
Reducing Substances	1.0% maximum
Identification	
Test A	Passes test
Test B	Passes test
Water	6.0 - 9.0% (dihydrate)
Chloride	0.05% maximum
Sulfate	0.2% maximum
Residual Solvents	Meets requirements
<u>Microbial Test Results</u>	
Aerobic Plate Count	1000 cfu/gm maximum
Yeast and Mold Count	100 cfu/gm maximum
Total Coliforms	Negative

**MANGANESE CONTENT**

Dihydrate basis 11.0-11.9%

**CONTAINERS**

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

**STORAGE**

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

**REGULATORY**

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

**REVISION DATE**

11/19/09