

**NAME AND CODE****Manganese Sulfate Monohydrate USP / FCC Fine Powder**

Code 2571

CHEMICAL FORMULA $MnSO_4 \cdot H_2O$

Mol. Wt. 169.01

CAS NUMBER

10034-96-5

USE

Nutrient; Dietary Supplement

DESCRIPTION

Pale pink fine powder product

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

Manganese Sulfate	Positive
Assay (as is basis)	Positive
LOI	98.0-102.0%
Substances not precipitated by Ammonium Sulfide	10.0-13.0%
Residual Solvents	0.5% maximum
Heavy Metals	Conforms to USP
Arsenic	0.002% maximum
Lead	3 ppm maximum
Selenium	4 ppm maximum
	0.003% maximum

Microbial Test Results

Aerobic Plate Count	1000 cfu / gram maximum
Yeast and Mold count	100 cfu / gram maximum
Total Coliforms	Negative

MANGANESE CONTENT

Anhydrous Basis	35.6-37.2%
Monohydrate Basis (As Is)	31.8-33.2%

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

11/05/08