

**NAME AND CODE****Magnesium Sulfate Heptahydrate USP Granular**

Code 2589

CHEMICAL FORMULA $MgSO_4 \cdot 7 H_2O$ Mol. Wt. 246.48**CAS NUMBER**

10034-99-8

USE

Nutrient; Dietary Supplement:Pharmaceutical

DESCRIPTION

White granules

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

ID Test A	Pass
ID Test B	Pass
Assay	99.0 - 100.5%
LOI	40.0 – 52.0%
pH (5%)	5.0 – 9.2
Chloride	0.014% maximum
Iron	0.002% maximum
Heavy Metals	0.001% maximum
Selenium	30 ppm maximum

Microbial Test Results

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

MAGNESIUM CONTENT

(As-Is) 9.76 – 9.91%

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

Not intended for use in preparing Parenteral Dosage Forms

REVISION DATE

12/21/09