

**NAME AND CODE****Magnesium Gluconate USP Granular**

Code 2567

CHEMICAL FORMULA $C_{12}H_{22}MgO_{14} \cdot xH_2O^*$

Mol. Weight 414.6

(Anhydrous)

*The USP water specification covers the range from monohydrate to trihydrate.

CAS NUMBER

3632-91-5

USE

Nutrient; Dietary Supplement; Pharmaceuticals

DESCRIPTION

white / off-white granules

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

Identification

Test A

Pass Test

Test B

Pass Test

Assay

98.0-102.0%

Arsenic (as As)

3 ppm maximum

Chloride

0.05% maximum

Heavy Metals

0.002% maximum

Lead

0.1 ppm maximum

OVI

Meets USP Requirements

pH (5%)

6.0 – 7.8

Reducing Substances

1.0% maximum

Sulfate

0.05% maximum

Water

3.0 – 12.0%

MAGNESIUM CONTENT

Anhydrous Basis

5.7 – 6.0%

Dihydrate

5.3 – 5.5%

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

12/29/05