

**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
Residual Solvents	Meets USP Requirements
pH (5%)	6.0 – 7.8
Reducing Substances	1.0% maximum
Sulfate	0.05% maximum
Water	3.0 – 12.0%
<u>Microbial Test Results</u>	
Aerobic Plate Count	1000 cfu / gm maximum
Yeast and Mold Count	100 cfu / gm maximum
Total Coliforms	Negative
Anhydrous Basis	5.7 – 6.0%
Dihydrate	5.3 – 5.5%

**MAGNESIUM CONTENT**  
(Typical)**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**

08/09/11