

**NAME AND CODE****Magnesium Gluconate USP Powder**

Code 2559

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

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

Mol. Wt. 414.6 (Anhydrous)

CAS NUMBER

3632-91-5

USE

Nutrient; Dietary Supplement; Pharmaceuticals

DESCRIPTION

white / off-white powder

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
OVI	Meets USP Requirements
pH (1 in 20)	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	5.0 – 5.5%
As- Is	5.0 - 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

01/10/06