

**NAME AND CODE****Magnesium Aspartate Monobasic Dihydrate, EP Powder**

Code: 2518

CHEMICAL FORMULAMg (C₄H₆NO₄)₂ · 2H₂O Mol. Wt. 324.5**CAS NUMBER**

18962-61-3

USE

Nutrient; Dietary Supplement

DESCRIPTION

White to off-white Crystalline Powder

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

| | |
|-------------------------------|---------------------|
| ID Test A | Pass |
| ID Test B | Pass |
| ID Test C | Pass |
| Solution Appearance | Clear and Colorless |
| Assay | 98.0 to 102.0% |
| pH | 6.0 to 8.0 |
| Water | 10.0% to 14.0 % |
| Ninhydrin Positive Substances | 0.5 % maximum |
| Specific Rotation | +20.5 to + 23.0 |
| Chloride | 200 ppm maximum |
| Sulfate | 500 ppm maximum |
| Iron | 50 ppm maximum |
| Ammonium | 200 ppm maximum |
| Heavy Metals (as Pb) | 10 ppm maximum |

Microbial Test results

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

CONTAINERS

50 kg / 110 lb. fiber drums; 25 kg packs EU only

STORAGE

Store in a clean, dry warehouse in the original unopened containers.

REVISION DATE

10/26/07