

# Technical Data Sheet

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## **LiposoMore™ Liposomal Magnesium Bisglycinate Powder (10% Magnesium)**

LiposoMore™ Liposomal Magnesium Bisglycinate is a highly bioavailable magnesium supplement ingredient designed for superior absorption and digestive comfort. Standardized to 10% elemental magnesium, it uses liposomal encapsulation to shield the active mineral, improve intestinal uptake, and enhance delivery at the cellular level. This makes it an ideal solution for nutritional supplements targeting muscle function, relaxation, energy metabolism, and overall well-being—especially in individuals sensitive to traditional magnesium forms.

### **Product Details**

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Product Name: Liposomal Magnesium Bisglycinate Powder

Brand: LiposoMore™

Active Compound: Magnesium Bisglycinate

Magnesium Content: 10% (Elemental Magnesium, ICP-OES)

Appearance: Off-white to light beige powder

Form: Liposomal-encapsulated powder

Solubility: Water-dispersible

Shelf Life: 24 months when properly stored

Packaging: 1 kg/foil bag, 10 kg/carton

### **Product Description**

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Magnesium bisglycinate is a chelated form of magnesium known for its gentle gastrointestinal profile and high bioavailability. LiposoMore™ enhances this further through liposomal delivery technology, encapsulating the mineral in a phospholipid layer to protect it from digestive breakdown. This facilitates better absorption, reduced gastric irritation, and more efficient delivery into muscle and nerve tissues, making it ideal for wellness, relaxation, and recovery supplements.

### **Specifications**

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| ITEMS                 | SPECIFICATIONS                  | RESULTS     |
|-----------------------|---------------------------------|-------------|
| Appearance            | White to slightly yellow powder | Pass        |
| Odor                  | odorless                        | Pass        |
| Assay(Magnesium)      | ≥10%                            | 10.5%       |
| Loss on Drying        | ≤7.0%                           | 4.6%        |
| Total Heavy Metal     | ≤10ppm(ICP-MS)                  | < 10ppm     |
| Lead(Pb)              | ≤3ppm(ICP-MS)                   | < 3ppm      |
| Mercury(Hg)           | ≤0.1ppm(ICP-MS)                 | < 0.1ppm    |
| Cadmium(Cd)           | ≤1.0 ppm(ICP-MS)                | < 1.0ppm    |
| Arsenic(As)           | ≤1.0 ppm(ICP-MS)                | < 1.0ppm    |
| Total Plate Count     | ≤1000cfu/g(USP2021)             | < 100 cfu/g |
| Molds & Yeasts        | ≤100cfu/g(USP2021)              | < 10 cfu/g  |
| E.Coli                | Negative/gram(USP2022)          | Negative    |
| Salmonella            | Negative in 25 gram(USP2022)    | Negative    |
| Staphylococcus Aureus | Negative in 25 gram             | Negative    |

## Applications

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- Muscle relaxation and cramp relief formulas
- Stress, anxiety, and sleep support products
- Sports recovery and hydration supplements
- Bone and cardiovascular health complexes
- Clean-label multivitamins and functional drinks

## Storage & Handling

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Store in a tightly sealed container in a cool, dry place away from direct sunlight, moisture, and heat. Recommended storage temperature: 15–25°C. Handle in accordance with GMP standards.

## Contact Information

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Web: [www.liposomore.com](http://www.liposomore.com)  
Email: [sales@liposomore.com](mailto:sales@liposomore.com)  
Tel: +86 755 23769458