

# Technical Data Sheet

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## LiposoMore™ Liposomal Magnesium Oxide Powder (32.0–38.0% Magnesium)

LiposoMore™ Liposomal Magnesium Oxide is a premium magnesium supplement ingredient engineered for superior bioavailability and digestive comfort. Utilizing high-purity magnesium oxide encapsulated in liposomes, it enhances intestinal absorption and minimizes typical gastrointestinal side effects. Standardized to deliver 32.0–38.0% elemental magnesium, it is ideal for daily use in formulations promoting energy production, muscle relaxation, and overall wellness.

### Product Details

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Product Name: Liposomal Magnesium Oxide Powder  
Brand: LiposoMore™  
Active Ingredient: Magnesium Oxide (Encapsulated in Liposomes)  
Magnesium Content: 32.0–38.0% (Elemental Magnesium)  
Appearance: White to light gray 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 oxide is a potent source of elemental magnesium but typically suffers from low absorption. LiposoMore™ addresses this limitation by applying liposomal encapsulation, allowing for better solubility, protection in the digestive tract, and improved cellular uptake. This makes it a highly effective ingredient for magnesium supplementation aimed at supporting cardiovascular, neurological, muscular, and metabolic functions.

### Specifications

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ITEMS	SPECIFICATIONS	RESULTS
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Appearance	Faint yellow particles and powders, no peculiar smell, no corruption or mildew, no visible foreign impurities	Pass
Odor	odorless	Pass
Assay(Zinc)	32.0~38.0%	33.6%
Loss on Drying	≤6.0%	4.2%
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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- Daily magnesium supplements
- Stress and relaxation formulas
- Sleep support products
- Muscle and nerve function support
- Functional beverages and powders

## 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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