



# Technical Data Sheet

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## **LiposoMore™ Liposomal Berberine Hydrochloride Powder (50% & 70% Purity)**

LiposoMore™ Liposomal Berberine Hydrochloride is a next-generation ingredient designed for improved metabolic, cardiovascular, and digestive support. Available in 50% and 70% purity, this advanced formula utilizes liposomal encapsulation to dramatically enhance berberine's bioavailability and absorption. It supports blood sugar regulation, lipid metabolism, and gut microbiota balance with superior clinical performance at lower dosages. Suitable for capsules, sachets, and functional powders, it's ideal for clean-label formulations targeting metabolic health and longevity.

### **Product Details**

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Product Name: Liposomal Berberine Hydrochloride Powder

Brand: LiposoMore™

Active Compound: Berberine Hydrochloride

Purity: 50% and 70% (HPLC)

Appearance: Yellow to yellow-brown powder

Form: Liposomal-encapsulated powder

Solubility: Dispersible in water

Shelf Life: 24 months when properly stored

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

### **Product Description**

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Berberine is widely recognized for its support in glucose and lipid metabolism, but traditional forms suffer from poor absorption. LiposoMore™ Liposomal Berberine Hydrochloride overcomes this limitation by using phospholipid-based liposomes to protect and transport berberine across cellular membranes. This results in significantly improved bioavailability and longer systemic retention, allowing for lower dosage and better efficacy in blood sugar, cholesterol, and gut health applications.

### **Specifications**

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ITEMS	SPECIFICATIONS	RESULTS
Appearance	Yellowish powder	Pass
Odor	odorless	Pass
Solubility	Dispensible in water	Pass
Assay(Berberine Hcl)	> 50.0% or 70%	51.8%/ 71.6%
Loss on Drying	≤10.0%	6.9%
Total Heavy Metal	≤10ppm(ICP-MS)	< 10ppm
Lead(Pb)	≤2.0ppm(ICP-MS)	< 2.0ppm
Mercury(Hg)	≤0.1ppm(ICP-MS)	< 0.1ppm
Cadmium(Cd)	≤1.0 ppm(ICP-MS)	< 1.0ppm
Arsenic(As)	≤2.0 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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- Blood sugar and glucose control supplements
  - Weight management and metabolic support blends
  - Cardiovascular and cholesterol-balancing products
  - Gut health and microbiome-focused formulations
  - Functional powders, capsules, and sachets

## 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 according to GMP standards.

## Contact Information

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