



## Technical Data Sheet

**\*\*Product Name:\*\*** Liposomal Calcium Citrate

**\*\*Brand:\*\*** LiposoMore

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### Summary

Liposomal Calcium Citrate under the LiposoMore brand is a premium nutritional ingredient designed for optimal calcium supplementation. By utilizing liposomal encapsulation, this product improves calcium delivery and bioavailability, while minimizing gastrointestinal discomfort. It is particularly suited for use in advanced dietary supplement formulations targeting bone health, muscle function, and overall wellness.

### Product Details

**\*\*Ingredient Name:\*\*** Liposomal Calcium Citrate

**\*\*Liposomal Technology:\*\*** Applied to enhance intestinal absorption and reduce gastric irritation

**\*\*Appearance:\*\*** Off-white to light yellow powder

**\*\*Solubility:\*\*** Dispersible in water

**\*\*Carrier Material:\*\*** Phospholipids (typically from sunflower or soy lecithin)

### Specifications

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White Powder	Pass
Odor	odorless	Pass
Assay(Calcium)	$\geq 16\%$	17.22%
Assay(Calcium Citrate)	$\geq 80.0\%$	82%
Loss on Drying	$\leq 10.0\%$	4.2%
Total Heavy Metal	$\leq 10\text{ppm(ICP-MS)}$	$< 10\text{ppm}$
Lead(Pb)	$\leq 3\text{ppm(ICP-MS)}$	$< 3\text{ppm}$
Mercury(Hg)	$\leq 0.1\text{ppm(ICP-MS)}$	$< 0.1\text{ppm}$

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

- Bone health supplements
- Functional beverages
- Gummy vitamins
- Capsules and tablets
- Senior nutrition formulations
- Children's calcium products

### Storage & Shelf Life

Store in a cool, dry place away from direct sunlight. Recommended storage temperature: below 25°C. Shelf life is 24 months when stored in original, sealed packaging.

### Packaging

Available in 1kg aluminum foil bags or 10kg fiber drums with food-grade inner liners. Custom packaging available upon request.

### Contact Information

\*\*LiposoMore – Powered by Joyful Nutritional\*\*



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