

Technical Data Sheet

Liposomal Zinc Citrate 24% (Brand: LiposoMore)

Summary

Liposomal Zinc Citrate under the LiposoMore brand is a premium zinc ingredient formulated for advanced nutritional supplements. With a standardized zinc purity of 24%, this product utilizes liposome encapsulation technology to ensure superior stability, enhanced bioavailability, and optimal gastrointestinal tolerance. The liposomal form protects zinc ions during digestion, facilitating efficient delivery to cells and maximizing functional benefits. It is ideal for use in various health supplements, including immunity boosters, anti-inflammatory blends, and cognitive support formulations.

Product Details

Product Name: Liposomal Zinc Citrate

Brand: LiposoMore

Zinc Purity: 24%

Appearance: Light yellow to yellow powder

Solubility: Water dispersible

Particle Size: Typically < 200 nm (liposome vesicles)

Packaging: 1kg, 5kg aluminum foil bags or customized packaging

Shelf Life: 24 months when stored in original sealed packaging

Product Description

Liposomal Zinc Citrate is developed through advanced encapsulation techniques where zinc citrate is enclosed within a phospholipid bilayer structure. This delivery system protects the active zinc compound from degradation in the digestive tract, thereby improving the bioavailability and tolerability. Zinc is a crucial mineral involved in numerous physiological processes including enzyme activity, immune defense, and cellular signaling. The citrate form offers good solubility and absorption, while liposomal encapsulation further enhances its stability and effectiveness.

Specifications

Item	Specification
Zinc Content	24.0% \pm 2.0%
Appearance	Light yellow to yellow powder
Odor	Characteristic
Loss on Drying	\leq 5.0%
Particle Size	< 200 nm (D90)

Heavy Metals	≤ 10 ppm
Arsenic (As)	≤ 1 ppm
Lead (Pb)	≤ 1 ppm
Cadmium (Cd)	≤ 0.5 ppm
Mercury (Hg)	≤ 0.1 ppm
Total Plate Count	≤ 1,000 CFU/g
Yeast & Mold	≤ 100 CFU/g
E. Coli / Salmonella	Negative/10g

Applications

Liposomal Zinc Citrate is suitable for incorporation into dietary supplements such as capsules, sachets, powdered drink mixes, and functional foods. It is especially recommended for formulations targeting immune health, antioxidant protection, skin repair, male fertility, and inflammation control. Its enhanced bioavailability and gastric tolerance make it ideal for sensitive individuals and premium nutraceutical products.

Key Benefits

- Superior absorption and bioavailability compared to non-liposomal zinc.
- Gentle on the stomach, minimizing gastrointestinal discomfort.
- Sustained release and improved cellular uptake of zinc.
- Supports immune function, wound healing, and enzymatic activities.
- Suitable for a wide range of delivery formats.
- Clean-label, non-GMO, allergen-free formulation.

Storage & Handling

Store in a cool, dry, and well-ventilated area, away from direct sunlight and moisture. Reseal the packaging tightly after opening. Recommended storage temperature: 15–25°C.

Contact Information

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