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UMP318

Taking minerals to the next level

With enhanced-absorption and bioavailable mineral technology

Special Features:

- ✓ Liposome-like microencapsulation technology utilizes a phospholipid bilayer to protect the mineral in the gastrointestinal tract, increase dissolvability, and promote absorption across membranes
- ✓ Novel delivery form creates an envelope around the mineral, mimicking techniques like micellization used in the body to assist with absorption of nutrients
- ✓ Exclusive first to market among professional brands

†These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.



UltraMag Magnesium

Enhanced-absorption and bioavailability mineral technology

- Exclusive first to market among professional brands
- Phospholipid bilayer microencapsulation technology protects mineral in gastrointestinal lumen, increases dissolvability, and easily crosses membranes
- Clinically studied
- Promotes muscle relaxation, bone and cardiovascular health[‡]

UltraMag Magnesium utilizes an innovative microencapsulation technology to enhance the absorption of magnesium. This technology creates a phospholipid bilayer around the mineral that is similar to a liposome, increasing solubility in the gastrointestinal fluids and facilitating absorption across membranes. In a comparative crossover study, magnesium in the Sucrosomial[®] matrix was compared to other forms of magnesium in human subjects. Twenty-four-hour blood and urinary magnesium measurements indicated superior absorption of Sucrosomial[®] magnesium compared to magnesium citrate, glycinate, and oxide.[‡]

each vegetarian capsule contain   v

magnesium (as Sucrosomial[®] magnesium)225 mg
 other ingredients: pregelatinized rice starch, sucrose esters of fatty acids, vegetarian capsule (cellulose, water), hypoallergenic plant fiber (cellulose), sunflower lecithin, tricalcium phosphate, rice flour

Sucrosomial[®] is a registered trademark of Alesco S.r.l.

1 capsule daily, with or between meals.

UltraMag Magnesium	Quantity	Order Code
	120	UM1

UltraZin Zinc

Enhanced-absorption and bioavailability mineral technology

- Exclusive first to market among professional brands
- Phospholipid bilayer microencapsulation technology protects mineral in gastrointestinal lumen, increases dissolvability, and easily crosses membranes
- Promotes immune defenses, enhancing healthy immune cell proliferation, activation and function[‡]

UltraZin Zinc utilizes an innovative microencapsulation technology to enhance the absorption and bioavailability of zinc. This technology creates a phospholipid bilayer around the mineral similar to a liposome, increasing solubility and absorbability.[‡]

each vegetarian capsule contains   v

zinc (as Sucrosomial[®] zinc)30 mg
 other ingredients: hypoallergenic plant fiber (cellulose), vegetarian capsule (cellulose, water), pregelatinized rice starch, sucrose esters of fatty acids, sunflower lecithin, tricalcium phosphate, rice flour

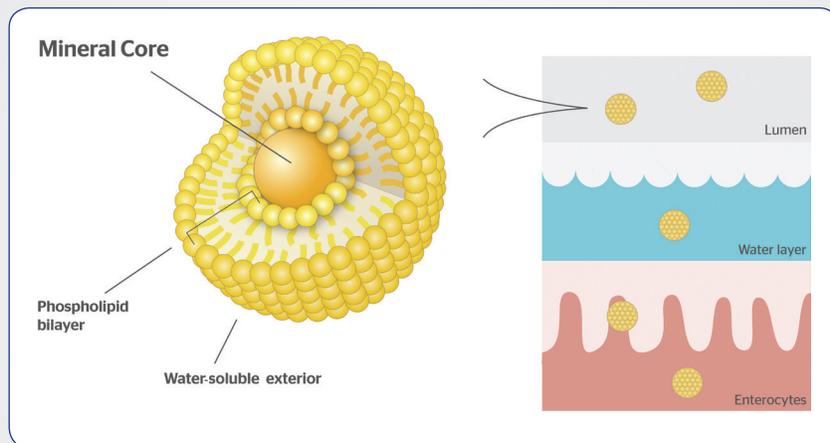
Sucrosomial[®] is a registered trademark of Alesco S.r.l.

1 capsule daily, with a meal.

UltraZin Zinc	Quantity	Order Code
	90	UZ9

Enhanced-Absorption and Bioavailability Mineral Technology

UltraMag Magnesium and UltraZin Zinc utilize an innovative microencapsulation technology to enhance the absorption and bioavailability of minerals. This technology creates a phospholipid bilayer around the mineral similar to a liposome, increasing solubility and absorption.



Liposome-like microencapsulation enhances absorption and allows the mineral to pass undamaged through the gastrointestinal environment

In the GI tract, stabilization is enhanced between the water (aqueous phase) and oil (fatty phase) with sucrose esters, which form a bilayer around the mineral core. Tricalcium phosphate helps maintain the molecular bonds in this structure. The bilayer has an outer membrane that is comparable in structure and properties to cell membranes, which allows for ease of transport into cellular membranes and improved absorption. By sequestering the minerals away from the mucous membranes, this form also prevents the minerals from premature degradation and supports tolerability.

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