

Biotics Research's Superior Emulsified Products



Bio-Ae-Mulsion® supplies 5,000 IU/drop of vitamin A, (palmitate) in an emulsified form. Vitamin A has been found to be beneficial in immune depletion, as well as in cases associated with high levels of free radicals.

🇨🇦 **NPN #: 800019578**

Bio-D-Mulsion® supplies 400 IU/drop of vitamin D3 (cholecalciferol). Independent clinical experience suggests this emulsified form of vitamin D provides significant improvements in serum levels of 25-OH-vitamin D following supplementation.

🇨🇦 **NPN #: 80020888**

Bio-D-Mulsion 1000 provides 1,000 IU/drop of emulsified vitamin D3. Recent scientific evidence has indicated the physiologic requirement of vitamin D may be as high as 4,000 IU, which is less than half of the 10,000 IU that can be produced endogenously with just a few minutes of sun exposure. Both the peripheral and central nervous systems have sites of vitamin D action. It appears likely vitamin D modulates serotonin and melatonin synthesis and metabolism.

🇨🇦 **NPN #: 80007438**

E-Mulsion 200® supplies 200 mg of emulsified vitamin E per tablet (d-alpha-tocopheryl acetate and mixed tocopherols), along with SOD and catalase. Vitamin E has proven results as an effective antioxidant and it potentiates the action of glutathione peroxidase via its action as a free radical scavenger, resulting in the prevention of lipid hydroperoxide formation. It has also shown to be effective in protecting the integrity of the cell membrane by means of preventing membrane lipid degradation.

🇨🇦 **NPN #: 80023303**

CoQ-Zyme 30™ supplies an emulsified preparation of CoQ10, (ubiquinone) which plays an essential role in energy production particularly with the heart and skeletal muscle. Daily ingestion of emulsified **CoQ-Zyme 30™** showed an increase in plasma CoQ10, by 210%, which was equivalent to between 90-110 mg of dry, non-emulsified CoQ10. Additionally, serum CoQ10 levels increased in 80% of the test individuals.

🇨🇦 **NPN #: 80007114**

Bio-E-Mulsion Forte® supplies 30 IU/serving (5 drops) of emulsified vitamin E. A potent antioxidant, vitamin E also protects the fats in low density lipoproteins (LDL's) from oxidation. Oxidized LDL's have been implicated in the development of cardiovascular degeneration.

🇨🇦 **NPN #: 80021751**

**BIOTICS**
RESEARCH
CORPORATION
"The Best of Science and Nature"
www.bioticsresearch.com

To place your order for Biotics Research's emulsions or for additional information please contact us:

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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.

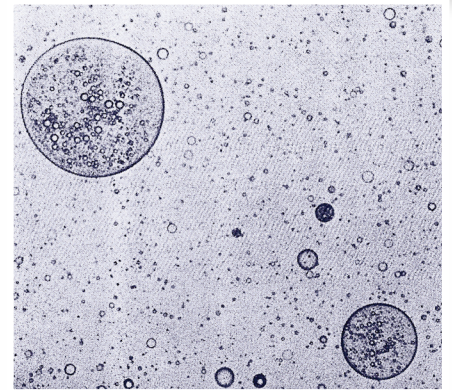
All Emulsions Are NOT Created Equal

Experiments published in peer-reviewed nutrition journals have confirmed Biotics Research's emulsified fat-soluble vitamins:

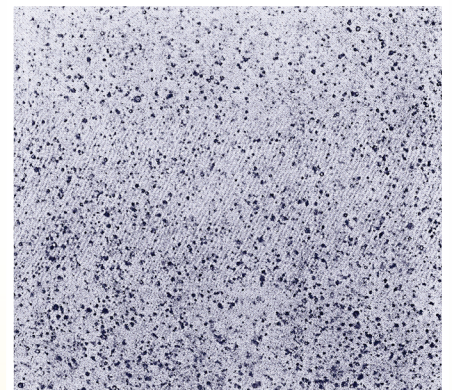
- Possess the smallest particle sizes of commercial emulsions tested
- Have equal or greater uptake and bioavailability than micellized products
- Show significantly less toxicity than micellized preparations
- Are the most cost-effective form of fat-soluble vitamin supplementation

These results signify the beneficial effects of emulsified fat-soluble preparations, a result of over forty years of scientific literature.

- **CoQ-Zyme 30™**
- **E-Mulsion 200®**
- **Bio-D-Mulsion®**
- **Bio-Ae-Mulsion®**
- **Bio-D-Mulsion 1000**
- **Bio-E-Mulsion Forte®**

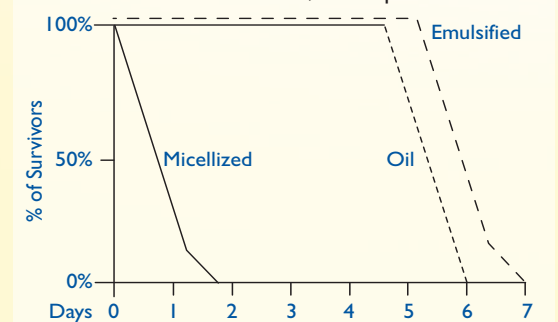


Competitors emulsified vitamin A product
Magnification 160x



Biotics Research's **Bio-Ae-Mulsion®**
Magnification 160x

Survival time of mice after 100,000 IU p.o. of vitamin A*



* Journal of Nutrition (1986) 116(6), R27