

VESISORB

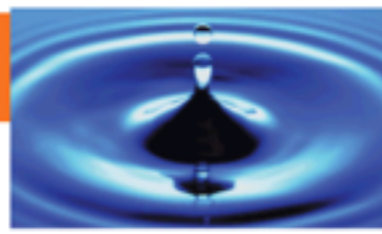
The logo for VESISORB features the brand name in a blue, serif font. The letter 'O' is replaced by a stylized red drop with a white highlight and a subtle orange ripple effect beneath it.

*unmatched
absorption*

*superior
heart health
benefits*



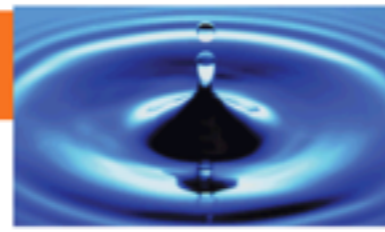
unmatched absorption



superior heart health benefits

Vesifact World Class Facility





Global Recognition

- *The Journal of Nanotechnology* has ranked Vesifact #8 in global institutions with health-related nanotechnology patent activity
- As one of the top ten institutions, Vesifact is part of an elite group that accounts for 22% of all patents in this sector.



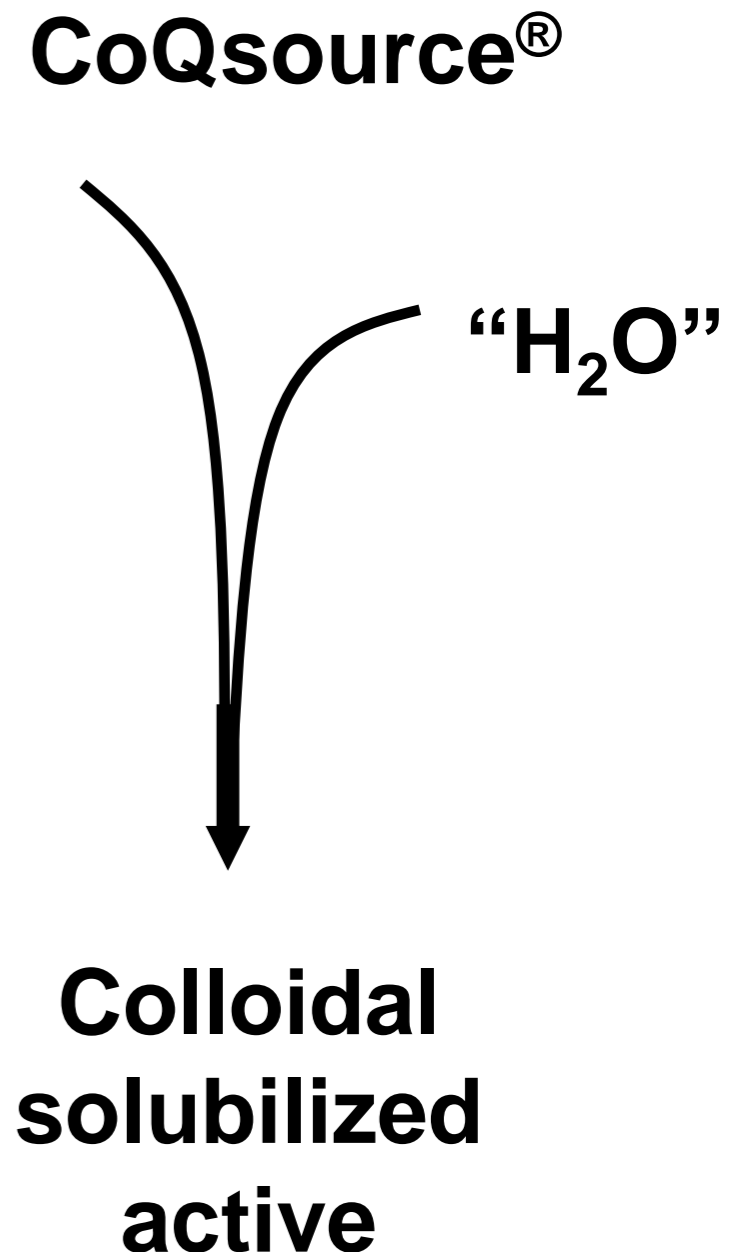
Journal of Nanotechnology **Top Nanotechnology Patent Activity**

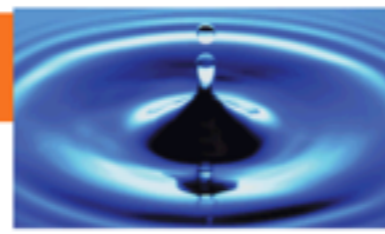
- | | |
|-------------------------------------|----------------------------|
| 1. L'oreal | 6. Sanofi-Aventis |
| 2. Elan Pharma International | 7. Amorepacific |
| 3. Nanosystems | 8. Vesifact |
| 4. Henkel | 9. Japan S&T Agency |
| 5. Cognis Deutschland | 10. GlaxoSmithKline |



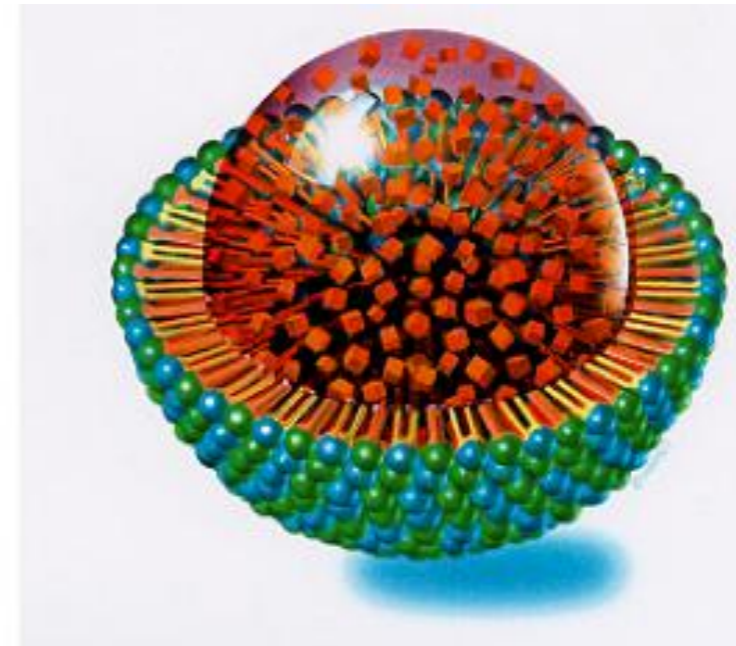
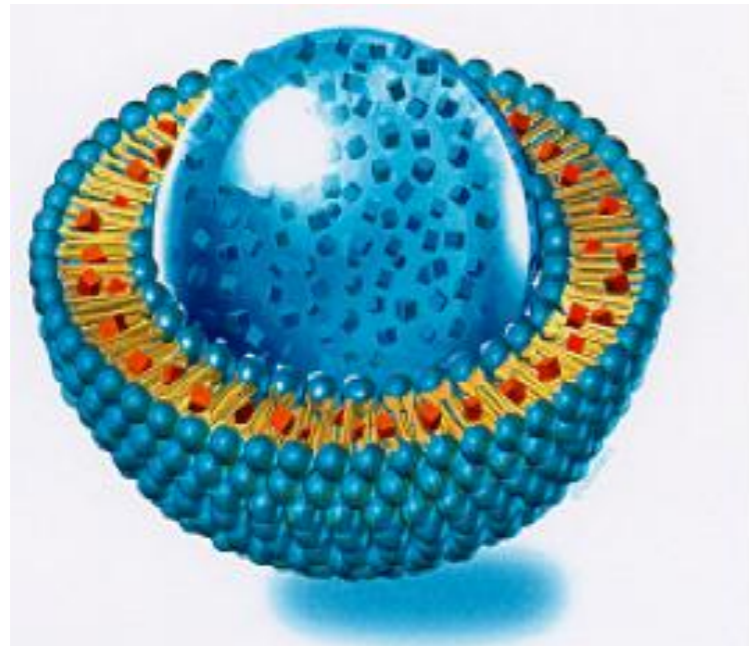
Advantages in Technology

- Non-aqueous lipid-based composition containing an active ingredient
- On contact with an aqueous phase a colloidal delivery system containing the active ingredients is spontaneously formed (self-assembling)
- Superior Characteristics of the colloidal delivery system
 - Size <100nm, typically <50nm
 - Highly uniform size distribution





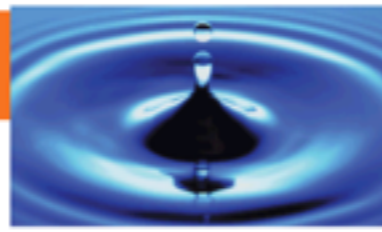
Liposome vs. Colloidal Delivery System



- Liposome
- Bi-Layer Structure
- Core: Water

- Colloidal Delivery System
- Mono-Layer structure
- Core: Oil

unmatched absorption



superior heart health benefits

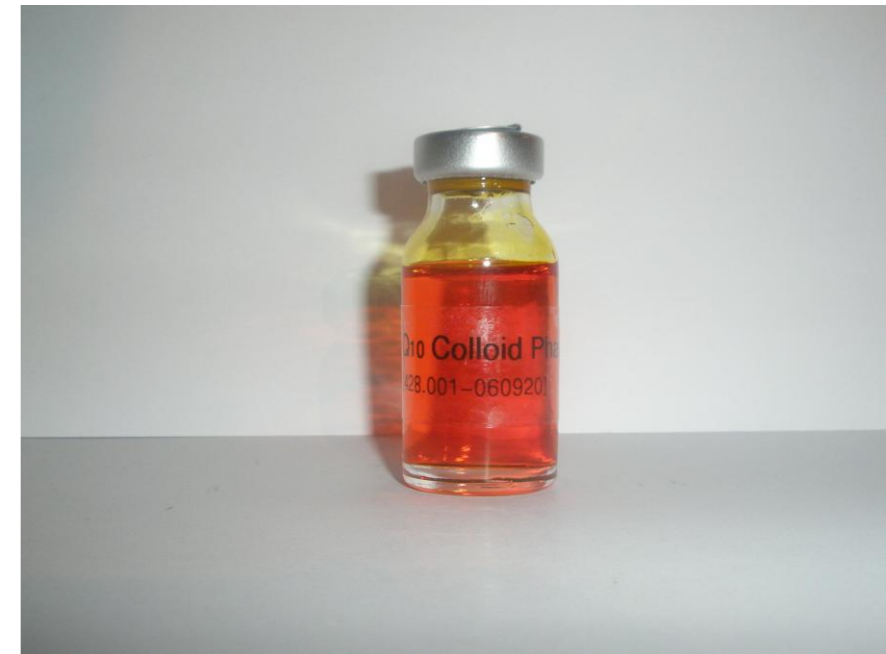
Patented All-Natural Colloidal Delivery System



**CoQ10
(Ubiquinone)**

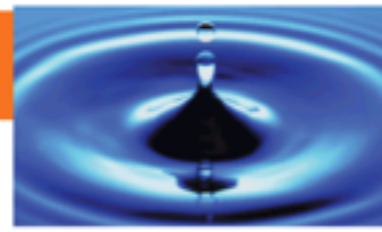


CoQ10 Pre-Colloid Phase



**CoQ10 Colloid Phase
CoQsource®**

unmatched absorption

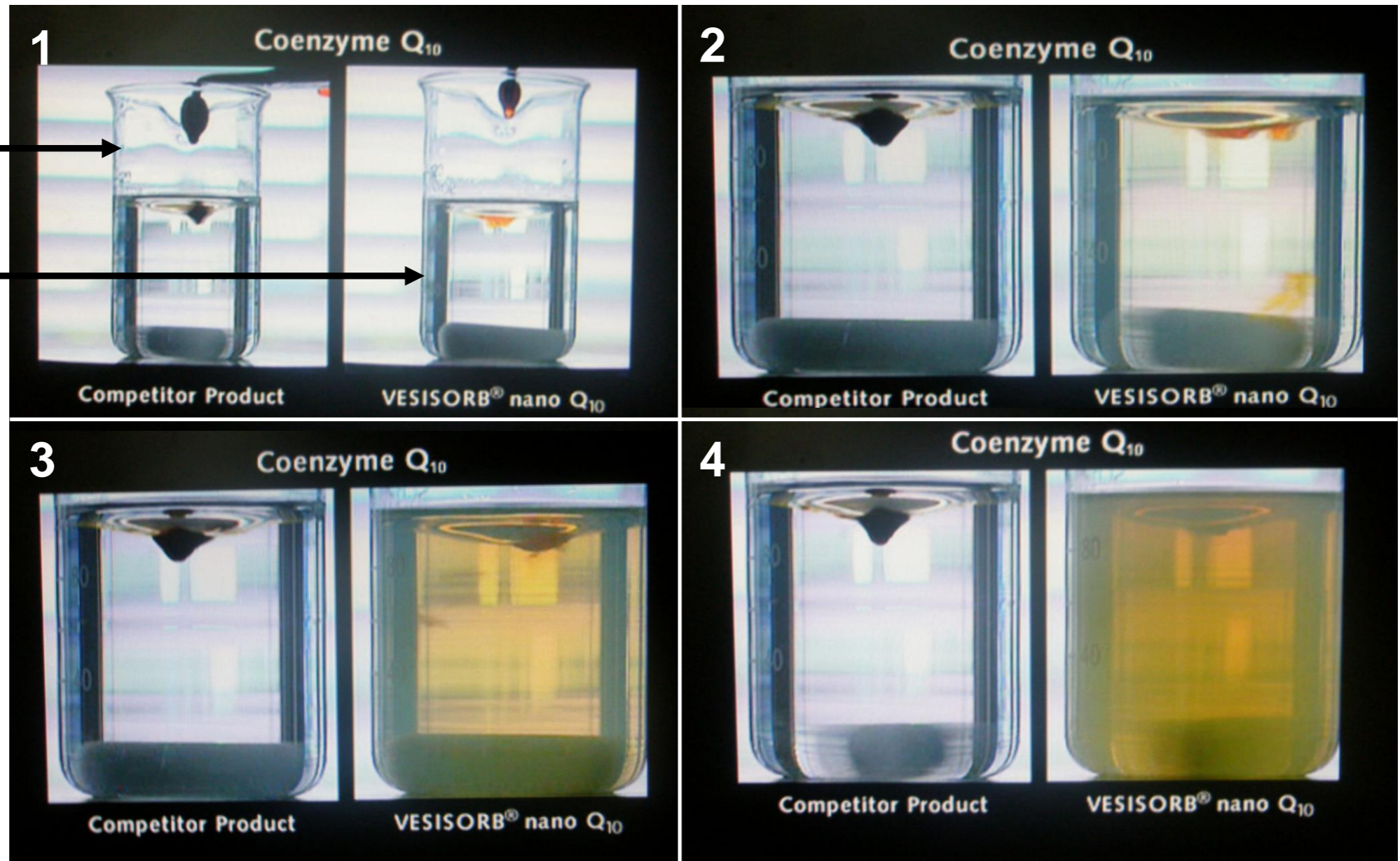


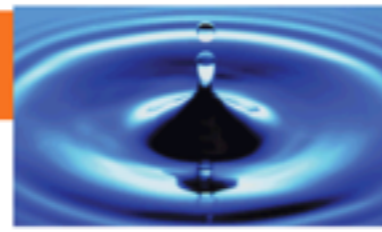
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Colloidal Delivery System Conversion

Oil
Suspension

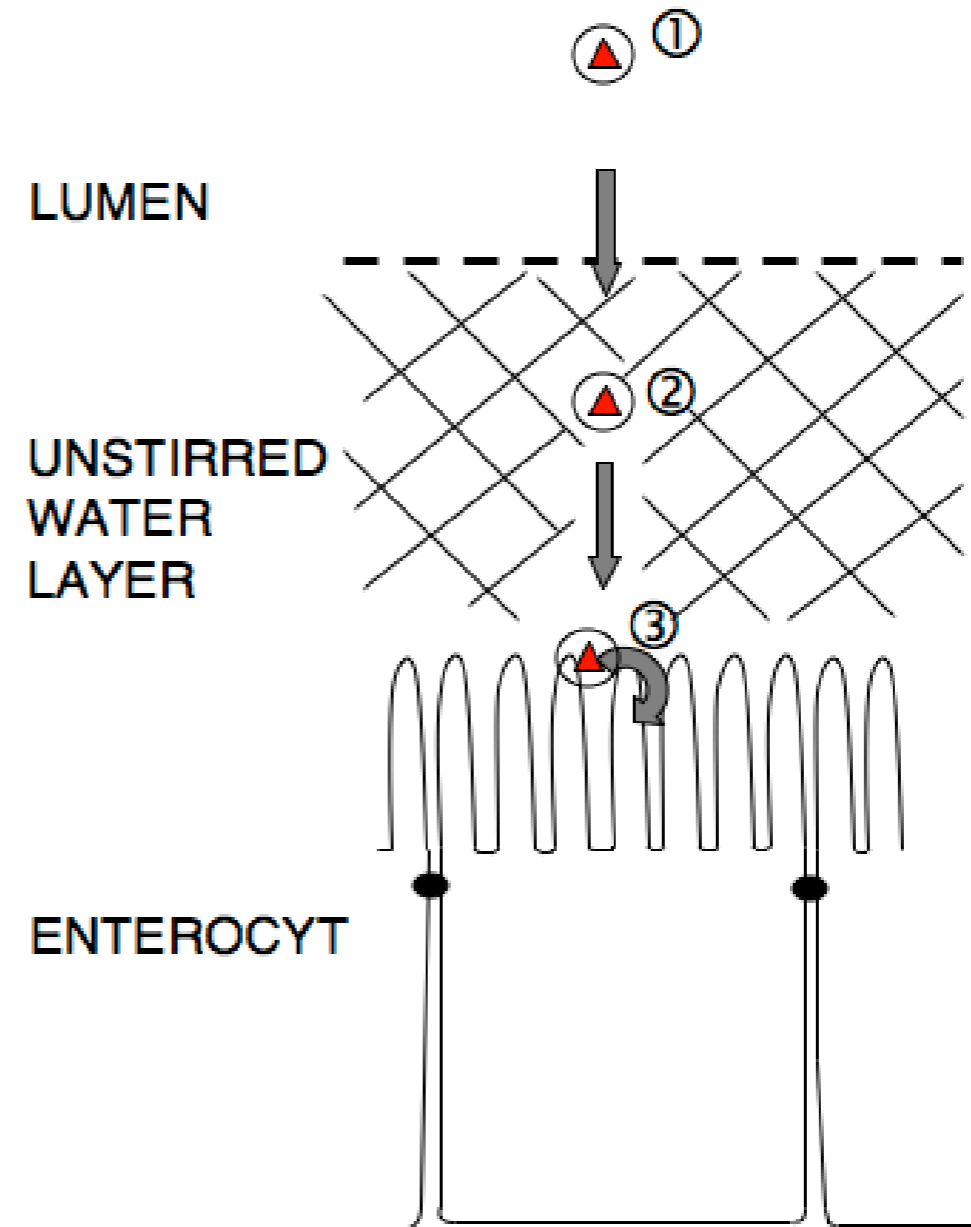
CoQsource®





Absorption Pathway

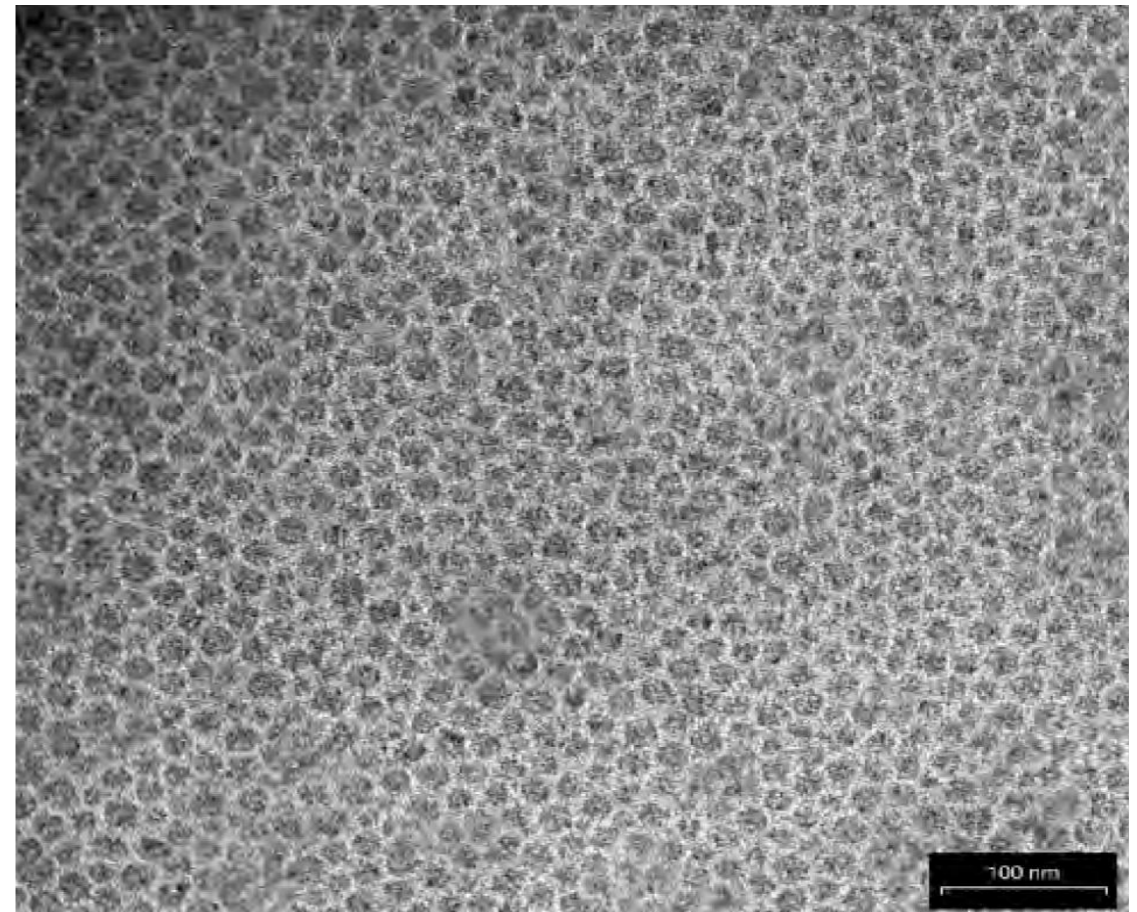
- **Step 1**
 - Formation of the colloidal delivery system
- **Step 2**
 - Diffusion across the unstirred water layer
- **Step 3**
 - Transfer to the absorption epithelium



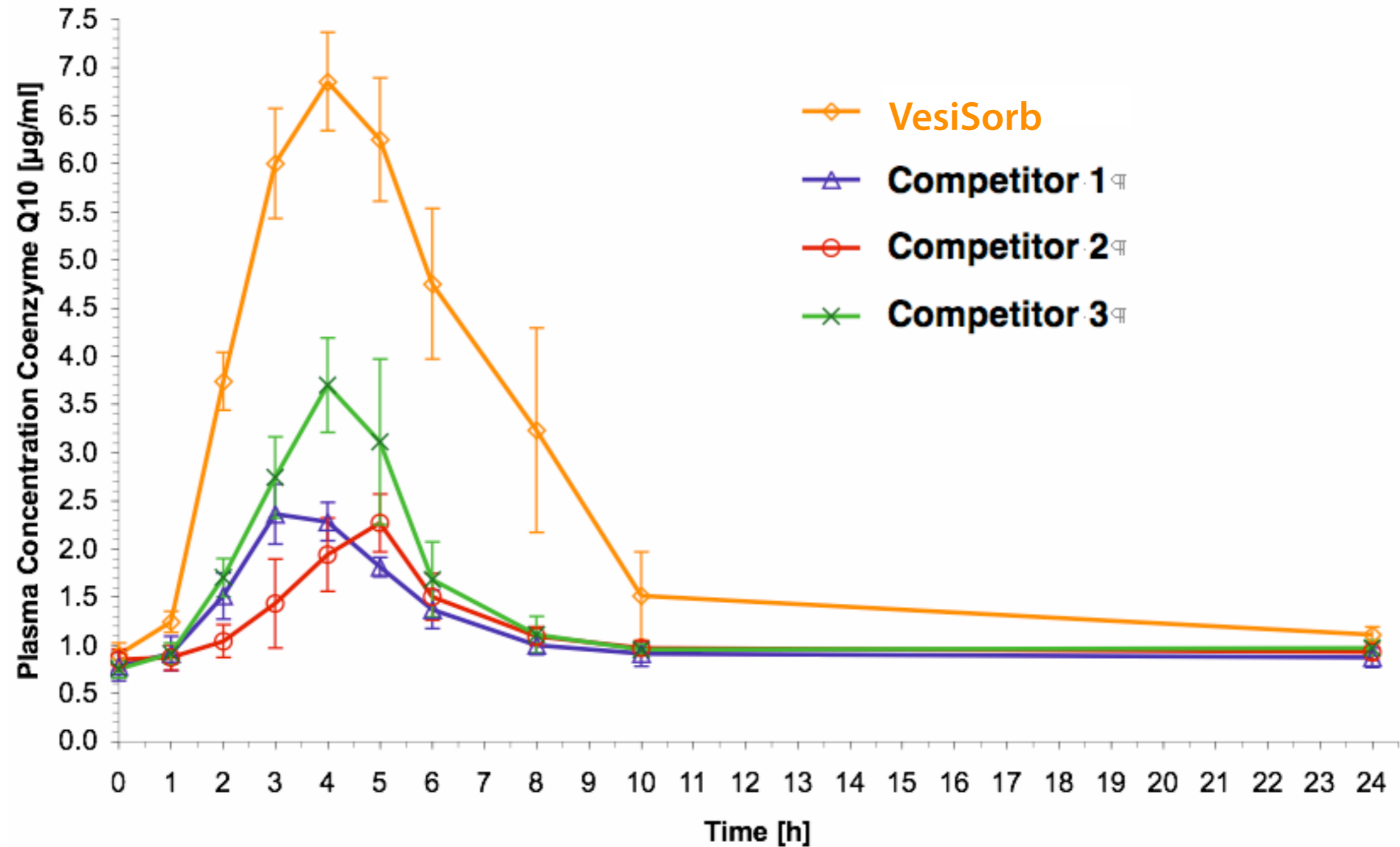


Technical Characteristics

- Homogeneous Colloidal Delivery System
- Naturally self assembling nanocolloid fluid droplets
- High reproducibility



Plasma Concentration Time Profile





Potency, Purity, and Safety

- Comprehensively recognized by the most prestigious scientific compendiums worldwide
 - **The United States Pharmacopoeia / National Formulary (USP/NF)**
 - **The European Pharmacopoeia**
 - **The Society of Japanese Pharmacopoeia (SJP)**
- All materials are produced under GMP conditions
- The components in CoQsource have been established and recognized as **Generally Regarded as Safe (GRAS)** per FDA's Code of Federal Regulations (CFR 21) and European regulatory standards

