

NovaSOL® active liquids

Superior health solutions



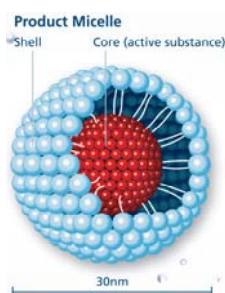
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Bioavailability – necessity for efficient supplementation

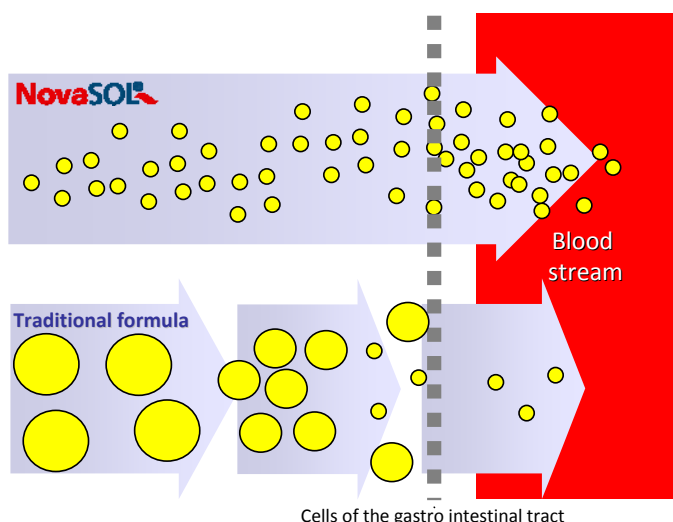
Fat soluble actives, such as coenzyme Q10 or vitamin E are very difficult to handle in water based liquids. NovaSOL® overcomes these difficulties and makes them available for an easy and stable integration. Thus they become "active liquids".

NovaSOL active liquids fully utilize the benefits of AQUANOVA's advanced biomimetic formula with its nature like micelle structure. The bioavailabilities of micellized actives from the nanosized carriers ("product micelles") are significantly higher than of the straight compounds and conventional formulations. AQUANOVA has proven this benefit in double blinded placebo controlled clinical trials.



An easy way to analyze a formula's bioavailability is its transparency analysis: The lower the turbidity at pH 1.1 (gastric acid) the better the bioavailability of fat soluble compounds. This is due to the fact, that human body can only absorb fat soluble actives such as coenzyme Q10 or vitamin E into the blood stream when they have been cut down into a size and into a (micelle) structure, which allows the active to pass the membrane of the small intestine to blood plasma.

NovaSOL® active liquids fulfil these requirements and therefore are ideal for highly bioavailable supplementation.



AQUANOVA offers

- Ready to use liquid formulations
- Bulk service (solubilisates)
- Full service (liquid supplements)
- Custom development & manufacturing
- Scientific and technical support
- Technology brand "NovaSOL®"
- Patent protection



Key benefits

- ☑ High Bioavailability
- ☑ Ready to use solubilisates
- ☑ Ready to use flavored Q10/Vit E formula
- ☑ Scientific evidence & backup
- ☑ Private Label options
- ☑ Patent protection
- ☑ NovaSOL® cobranding option
- ☑ State of the art manufacturing
- ☑ Broad choice of nutrients

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NovaSOL® Q10/E drinking vials – ready to use

If you would like to start with an innovative product right away, the NovaSOL® Q10/E drinking vials can be your choice.

- Drinking vials with 22 ml filling each
- Active nutrients per 22ml filling:
 - 30 mg Q10 (NovaSOL® solubilized)
 - 30 mg Vitamin E (NovaSOL® solubilized)
- Transparent liquid (< 10 FNU) with micellized structure
- Pleasing natural flavor
- 12 months shelf life stabilization
- Private labeling
- Full Service available
- Typical packaging: 30 vials (monthly supply)
- Nutritional values per 100 gram:
 - Energy: 60 kcal/251 kJ
 - Fat: 2 g
 - Carbohydrates: 10 g
 - Protein: 0 g



NovaSOL® - a great choice of actives

AQUANOVA's solubilisates cover a broad set of actives. Therefore you have a very good choice for designing your product lines.

- NovaSOL® Lutein - Lutein solubilisate
- NovaSOL® Chondroitin - Chondroitin solubilisate
- NovaSOL® ISO - Isoflavone solubilisate
- NovaSOL® Lipoic - α-Lipoic acid-solubilisate
- NovaSOL® ADEKQ10 - Mixed solubilisate of the fat soluble vitamins + CoQ10
- NovaSOL® Q - Coenzyme Q10 solubilisate
- NovaSOL® E - Vitamin E solubilisate
- NovaSOL® βC - β-Carotene Solubilisate
- NovaSOL® Omega - Omega3 fatty acids solubilisate

Quality guaranteed

NovaSOL® products create crystal clear, liquid end products and can comply with high industry and quality standards such as

- ISO 9001:2000
- GMP
- Kosher
- Halal
- GMO-free



Customer Support

We back our products with serious science and support our customers technically and scientifically with literature and studies as well as extensive product documentation. The AQUANOVA team is well experienced in supporting your product development and marketing media for successful and sustainable sales.

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Excellence in Technology Award

Documentation & samples

On request we provide you with

- Product Data Sheet
- Safety Data Sheet
- Studies and analysis
- Samples

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AQUANOVA is a supplier of innovative and versatile formulations of food and cosmetic ingredients, nutrients and pharmaceutical actives with superior properties providing new application opportunities. AQUANOVA in close cooperation with renowned scientists develops and manufactures (under ISO / GMP) liquid formulas (solubilisates with product brand "NovaSOL®") utilizing its proprietary technology. The solubilisates have a micelle structure, which is thermally, mechanically and pH stable, even in gastric acid. Owing to the special properties of this micelle structure, the solubilisates support the development of novel innovative and pioneering dietary supplements, functional foods and beverages, cosmetic products and pharmaceuticals. The company's headquarter is located in Darmstadt (near Frankfurt), Germany.

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Francesco ("chilla-killa")