



BTSA is the first European manufacturer of Natural Vitamin E and Natural Antioxidants for Food, Dietetic, Cosmetic and Pharmaceutical industries.

Since 2003, BTSA has incorporated to its activities new business lines strengthening its position in the market and becoming a world reference in applied biotechnology.

Continual development and growth confirm BTSA's commitment to provide customers with products and services of the highest quality.

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FOOD

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BTSA, using TOCOBIOL® as base product, has developed a wide range of natural and semi-natural antioxidants, always seeking greater efficiency in each and every one of their applications. The use of antioxidants as technological adjuvants reduce the natural effect of oxidation, slowing down rancidity and improving effectiveness over time.

TOCOBIOL®

It is unique for its antioxidant properties and its active ingredients naturally present in the product.

100% natural, TOCOBIOL® is the best and most effective way to protect food preparations against rancidity and to protect the active ingredients they contain.

MAIN ADVANTAGES

- + NATURAL ORIGIN
- + HIGH ANTIOXIDANT POWER
- + STABLE AT HIGH TEMPERATURES
- + HIGH AVAILABILITY OF PRODUCT
- + PRICE STABILITY
- + AVAILABLE IN SOYBEAN AND SUNFLOWER BASE
- + LIQUID AND POWDER FORM

TOCOBIOL® MIXTURES

Range of TOCOBIOL® based antioxidants that combine different natural and synthetic active ingredients, looking for a synergistic effect that enhances the activity of TOCOBIOL® as an antioxidant, while recovering TOCOBIOL® activity by a red-ox reaction in food preparations.

MAIN ADVANTAGES

- + NATURAL ORIGIN
- + MAXIMUM ANTIOXIDANT POWER
- + SOLUTIONS TAILORED TO THE NEEDS OF EACH CLIENT
- + EFFECTIVE AT LOW CONCENTRATION
- + COST EFFECTIVE
- + AVAILABLE IN SOYBEAN AND SUNFLOWER BASE



NUTRABIOL® T

Mixed tocopherols that give stability to fat and oils susceptible to rancidity.

Our mixed tocopherols ensure increased food shelf life and reduce the risk of oxidation.

It is shown that mixtures α , β , γ and δ of NUTRABIOL®T are more active and more efficient than individual isomers.

MAIN ADVANTAGES

- + NATURAL ORIGIN
- + EUROPEAN QUALITY
- + AVAILABLE IN DIFFERENT CONCENTRATIONS
- + MORE EFFECTIVE THAN INDIVIDUAL ISOMERS
- + AVAILABLE IN SOYBEAN AND SUNFLOWER BASE

BTSA's wide range of active ingredients, provide high technology solutions based on natural and stable products for a secure and easy incorporation into any kind of formulation for food and nutrition.

NUTRABIOL® E

Nutrabiol® E is the natural Vitamin E (d-alpha-tocopherol) of BTSA. With European quality, improves its performance by having a higher bioavailability than synthetic Vitamin E.

We have different concentrations and international units, as well as products in liquid, powder, oil soluble or water dispersible form.

MAIN ADVANTAGES

- + NATURAL VITAMIN E (D-ALPHA TOCOPHEROL)
- + AVAILABLE IN DIFFERENT CONCENTRATIONS (IU)
- + ABSORBED AND RETAINED IN HUMAN TISSUES
- + HIGHER BIOLOGICAL ACTIVITY THAN DL-ALPHA TOCOPHEROL
- + AVAILABLE IN LIQUID AND POWDER FORM



BIOMEGA-TECH® FISH

Fish oils rich in Omega 3 (EPA, DHA). We have microemulsioned products, water dispersible, oil-soluble in both liquid and powder, which are stabilized using our own natural antioxidants

MAIN ADVANTAGES

- + STABILIZED OILS
- + AVAILABLE UP TO 90% EPA (TG OR EE)
- + AVAILABLE UP TO 80% DHA (TG OR EE)
- + AVAILABLE IN LIQUID AND POWDER FORM

BIOMEGA-TECH® ALGAE

Algae oil rich in DHA (Omega 3). It is the best vegetal alternative to fish oils due to its high content of DHA. Complies with European Novel Food Legislation.

MAIN ADVANTAGES

- + VEGETAL ORIGIN
- + MINIMUM 40% OF DHA
- + KOSHER CERTIFICATE
- + NOVEL FOOD

ECOFLAX®

Flaxseed oil rich in Omega 3 (ALA). Available in microemulsioned products, in water dispersible or oil-soluble format, both liquid and powder forms, which are stabilized using our own natural antioxidants.

MAIN ADVANTAGES

- + VEGETAL ORIGIN
- + MORE THAN 50% ALA
- + KOSHER CERTIFICATE
- + AVAILABLE IN LIQUID AND POWDER FORM



PREMIXES

Vitamin and Mineral Premixes from LycoRed Ltd. Working hand in hand with our clients we can provide solutions to your needs quickly and efficiently. LycoRed Ltd., based on technological innovation as the microencapsulation, has developed a number of technical solutions for the enrichment of a wide variety of foods and beverages.

NATURAL COLOURS

Natural Colours and Pigments from Food Ingredient Solutions LLC. We have a wide range of natural colours for the food industry and for the different needs of each client, tailored to their manufacturing processes and all type of food applications. Our colours are used primarily to improve and standardize the colour and appearance of products or to restore the lost colour during the production process.

SQUABIOL®

Olive oil extract rich in squalene (minimum 75%). It is the vegetable alternative to animal-based squalene and is used as a nutritional supplement to reduce cholesterol and strengthen the immune system.

Since 2003 BTSA has incorporated to its activities new lines of business strengthening its position in the market, emphasizing the commercialization of Butter and Powdered Milk for food companies

BUTTER

Normandy butter for the pastry industry, from Flechard S.A. (France). We have a wide variety of references for all types of applications, with different melting points and in different formats.

POWDER MILK

Powder milk from Normandy (France), both skimmed (1%) and whole (26%), Instant and Classic versions.

FOOD

ALL PRODUCTS
 LIQUID
 POWDER
 WATER DISPERSIBLE
 OIL SOLUBLE



Natural product Semi - natural product Sunflower origin Soy origin Olive origin Antioxidant Active ingredient Kosher Non - Gmo

| Product | Natural product | Semi - natural product | Sunflower origin | Soy origin | Olive origin | Antioxidant | Active ingredient | Kosher | Non - Gmo |
|---------------------|-----------------|------------------------|------------------|------------|--------------|-------------|-------------------|--------|-----------|
| Tocobiol® | ● | | ● | | ● | ● | ● | ● | ● |
| Tocobiol® Mixtures | ● | ● | ● | | ● | ● | ● | ● | ● |
| Nutrabiol® T | ● | | ● | | ● | ● | ● | ● | ● |
| Nutrabiol® E | ● | | | | ● | | ● | ● | ● |
| Biomega-Tech® Fish | ● | | | | | | ● | ● | ● |
| Biomega-Tech® Algae | ● | | | | | | ● | ● | ● |
| Ecoflax® | ● | | | | | | ● | ● | ● |
| Squabiol® | ● | | | | ● | | ● | | |

PRODUCT LINE

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