Natural Source Vitamin E and Mixed Tocopherols

**Natural Source d-alpha Tocopherols**

Natural source d-alpha tocopherol oil, or RRR-d-alpha tocopherol, is a natural source form of Vitamin E derived from edible vegetable oils. It is widely used as a source of Vitamin E in food and dietary supplement applications, such as softgel encapsulations. The acetate form of Vitamin E provides better long term stability where exposure to light or oxygen may be a concern, and the powder acetate form is used in tableting. The succinate form is widely used as a source of Vitamin E in dietary supplement applications such as tableting.

Natural source d-alpha tocopherol is different from synthetic Vitamin E. Since synthetic Vitamin E is produced by chemical reactions from petrochemicals, it contains reaction products (stereoisomers) not normally found in nature. For this reason, natural source Vitamin E contains two times the Vitamin E activity of synthetic Vitamin E on an equivalent weight basis.

- Natural source d-alpha Tocopherol oil (1000iu/g - 1200iu/g - 1300iu/g - 1400iu/g)
- Natural source Tocopheryl Acetate oil (1000iu/g - 1100iu/g - 1200iu/g)
- Natural source d-alpha Tocopheryl Acetate Powder (700iu/g)
- Natural source d-alpha Tocopheryl Succinate (1185iu/g – 1210iu/g)

**Natural Source Mixed Tocopherols**

Mixed tocopherols are natural antioxidants which are isolated from edible vegetable oils. They are a widely used ingredient in foods and dietary supplements to help protect finished products from the damaging effects of oxidation. In doing so, they extend product shelf life and help prevent chemical reactions which can lead to undesirable changes in finished product flavor, odor, or color.

Mixed tocopherols contain naturally occurring mixtures of alpha, beta, gamma, and delta tocopherols. Their purpose in nature is to protect the oils and other essential lipids in living products such as seeds. These same natural properties can be used to protect foods and other products.

- Natural Mixed Tocopherols oil (<50% - 70% - 90% - 95%)
- Natural Tocopherol powder (>30%)

Natural source d-alpha tocopherol and mixed tocopherols all conform to FCC requirements, are produced under certified ISO 9001 and 14001 programs, and are certified Kosher and Halal. Soybean or sunflower oil may be added to standardize concentration. Non-GMO products are available on request.