

Plant-based Mixed Tocopherols for Human Nutrition

Covi-ox[®] and Vitapherole[®]



Highly versatile mixed tocopherols that protect food, beverage, and supplement formulations from oxidative rancidity. They are suitable for fats, oils, meat and poultry, baked goods, cereals, and more.

Higher Efficacy. The Natural Advantages of Covi-ox[®] and Vitapherole[®] Antioxidants.

Plant-based mixed tocopherols are 2 to 3 times more effective compared to other natural and synthetic antioxidants. Mixed tocopherols increase resistance to oxidation, extending shelf life and freshness. Mixed tocopherols have lower volatility, therefore, more antioxidants are retained after heat processing, ensuring better protection of your product.

Protect your formulation like nature intended. Kensing is one of the world's purest plant-based mixed tocopherol producers. We deliver products that are sourced from plant-derived raw materials that are clean-label compatible, and backed by our commitment to quality, consistency, safety, and sustainability.

Kensing Produces High-purity Mixed Tocopherols That Will:

Prevent lipid oxidation (rancidity) in products

Protect flavor and color

Preserve freshness and extend shelf life

Clean-label compatible

Plant-based

The Benefits of Covi-ox® and Vitapherole®

Natural mixed tocopherols are plant-based antioxidants isolated from vegetable oils and concentrated to contain naturally occurring d-alpha, d-beta, d-gamma, and d-delta tocopherols. They protect fats and oils from oxidation, are highly versatile and suitable for applications in food, beverages, and supplements. They are available in non-GM grades and all products are Kosher and Halal certified.

Product Benefits:

Comprehensive Range – Highly versatile mixed tocopherols to fit broad formulation requirements.

100% Natural Solution – Natural tocopherols allow you to use an all-natural ingredient statement, giving your product greater consumer appeal.

Industry Leading Quality Control – Stringent quality control compliant to GFSI and ISO standards.

High Purity Products – Superior quality, higher purity, and lower trace contaminants compared to competitors.

Superb Sensory Characteristics – They do not impart any flavor, color, or odor to the final food product.

Application Benefits:

Exceptional Physical Stability – Unlike the more volatile synthetic antioxidants BHA/BHT, Covi-ox natural mixed tocopherols have low volatility at high temperatures. Combined with their excellent oil solubility, this results in optimum protection from oxidation during food heat processing steps such as baking, drying, extruding, or frying.

Easy Blending – Product range includes fat-soluble oils for trouble-free mixing, as well as water-dispersible powders which can be easily added to spice blends and other dry ingredients or dispersed in beverages.

Reduced Manufacturing Costs – Natural mixed tocopherols can be incorporated at an early stage in processing to reduce waste and simplify operations.

Kensing Human Nutrition Portfolio

Product*	Description	Form
Covi-ox® T-95 ND	95% mixed tocopherols	Liquid
Covi-ox® T-93 ND	93% mixed tocopherols	Liquid
Covi-ox® T-90	90% mixed tocopherols	Liquid
Covi-ox® T-90 EU	90% mixed tocopherols, non-GMO/IP	Liquid
Covi-ox® T-70	70% mixed tocopherols	Liquid
Covi-ox® T-70 EU	70% mixed tocopherols, non-GMO/IP	Liquid
Covi-ox® T-50	50% mixed tocopherols	Liquid
Covi-ox® T-50 EU	50% mixed tocopherols, non-GMO/IP	Liquid
Covi-ox® T-30 P	30% water-dispersible mixed tocopherols	Powder
Covi-ox® T-30 P EU NA	30% water-dispersible mixed tocopherols, non-GMO/IP	Powder
Vitapherole® T-90 nGM	90% mixed tocopherols, non-GMO/IP	Liquid
Vitapherole® T-70 nGM	70% mixed tocopherols, non-GMO/IP	Liquid
Vitapherole® T-70-ORG nGM	70% mixed tocopherols, non-GMO/IP, ECOCERT	Liquid
Vitapherole® T-50 nGM	50% mixed tocopherols, GMO/IP	Liquid
Vitapherole® T-50-ORG nGM	50% mixed tocopherols, GMO/IP, ECOCERT	Liquid
Vitapherole® T-30 nGM	30% mixed tocopherols, GMO/IP	Liquid
Vitapherole® TP-300 WD nGM	30% water-dispersible mixed tocopherols, non-GMO/IP	Powder
Vitapherole® TP-300 WD-ORG nGM	30% water-dispersible mixed tocopherols, non-GMO/IP, ECOCERT	Powder
Vitapherole® TP-300 WDA nGM	30% water-dispersible mixed tocopherols, non-GMO/IP	Powder
Vitapherole® TP-350 PA nGM	35% mixed tocopherols + ascorbyl palmitate, non-GMO/IP	Powder

*Covi-ox mixed tocopherols contain d-alpha, d-beta, d-gamma, and d-delta tocopherols. Covi-ox natural mixed tocopherols are available in non-GM grades, denoted by "EU" and all products are Kosher and Halal certified.