

## Blends

## Advantiox 30 P Non GMO

Product Code: 10022130

Version WFU

## Description

ADVANTIOX 30 P Non GMO is a cream to beige powder with bland odor and taste characteristic of vegetable oil. It contains natural mixed tocopherols which are obtained from Non GMO sources. ADVANTIOX 30 P Non GMO contains not less than 30% of total tocopherols of which not less than 80% are non-alpha tocopherols.

## Ingredients

- Natural mixed tocopherols: Active substance; vegetable; E 306.
- Modified Food Starch: Carrier; vegetable.
- Silicon Dioxide: Additive; mineral.

## Product Specifications

(Measured on each lot)

Total Tocopherols (%)	Min. 30.0	Acidity (ml 0.1 N NaOH/g)	Max. 0.5
d-β + d-γ + d-γ-tocopherol	Min. 24.0		

## Other Characteristics

## Additional descriptive data (Tests are run sporadically)

## Microbiology

Total plate count (CFU/g)	Max. 1000	Salmonella (/25g)	Absent
Yeast and moulds (CFU/g)	Max. 100	Escherichia coli (CFU/g)	Max. 10
Coliforms (CFU/g)	Max. 10	Staphylococcus aureus (CFU/g)	Max. 10

## Contaminants

Aflatoxin B1 (μg/kg)	Max. 2.0	Cadmium (mg/kg)	Max. 0.20
Sum of Aflatoxins (B1, B2, G1, G2) (μg/kg)	Max. 4.0	Pesticide Residues (mg/kg)	Meets regulations
Benzo(a)pyrene (μg/kg)	Max. 2.0	Sulphated Ash (%)	Max. 0.10
PAH4 (μg/kg)	Max. 10.0	Sum of dioxins (WHO-PCDD/F-TEQ) (pg/g)	Max. 0.75
Organic Volatile Impurities USP	Passes	Sum of dioxins and dioxin like PCBS (WHO-PCDD/F-PCB-TEQ) (pg/g)	Max. 1.25
Heavy Metals as Pb (mg/kg)	Max. 10	Sum of PCB28, PCB52, PCB101, PCB138, PCB153 & PCB180 (ICES-6) (ng/g)	Max. 40.0
Arsenic (mg/kg)	Max. 0.10		
Lead (mg/kg)	Max. 0.10		
Mercury (mg/kg)	Max. 0.10		

## Use Information

Used as a natural antioxidant in food and pharmaceutical industries.  
Depending on the oil the use level shall be between 0,10 - 0,50 % relative to fat content.  
We suggest to carry out tests at different concentrations to determine most appropriate level for each specific case.

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## Source and Manufacturing

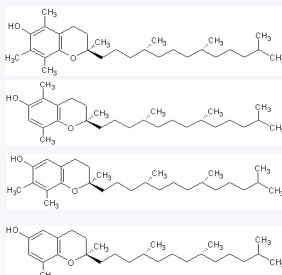
ADVANTIOX 30 P Non GMO is produced in a non-chemical, purely physical process under GMP, Codex Alimentarius conditions from Non GMO sources. FSSC 22000 certified. These principles safeguard the high quality of ADVANTIOX 30 P Non GMO.

## Additional Ingredient Statements

Product is BSE/TSE free, Ethanol free, and Residual Solvent free. It does not require labeling declaration as being potential allergen. It does not contain palm oil and it is not palm oil derived. No animal or animal derivatives are used. It complies with Nagoya protocol.

This product is PCR negative. The product is GMO-free according to certified Non-GMO Program.

## Chemical Composition

d- $\alpha$ -Tocopherol (%): 2 - 6d- $\beta$ -Tocopherol (%): 1 - 2d- $\gamma$ -Tocopherol (%): 10 - 15d- $\delta$ -Tocopherol (%): 3 - 7C<sub>29</sub>H<sub>50</sub>O<sub>2</sub> MW 431C<sub>28</sub>H<sub>48</sub>O<sub>2</sub> MW 417C<sub>28</sub>H<sub>48</sub>O<sub>2</sub> MW 417C<sub>27</sub>H<sub>46</sub>O<sub>2</sub> MW 403

Slight variations of typical composition due to variability of vegetable oil feedstocks from tocopherols origin can occur.

## Solubility

Dispersible in water. Sparingly soluble in ethanol, miscible with organic solvents.

## Packaging and Storage

Available in 20 kg containers.

ADVANTIOX 30 P Non GMO shall be stored in sealed containers, at room temperature and dry conditions, given that the product is sensitive to light, oxygen, high temperatures or alkaline environment. Keep container tightly closed; once opened use content quickly.

If stored appropriately in unopened containers ADVANTIOX 30 P Non GMO has a shelf life of 18 months.

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## Regulatory Information

The U.S. FDA has recognized tocopherols as safe (GRAS) as a nutrient and as preservative (21 CFR, Part 182.8890 & 182.3890); and are GRAS exempt for the requirement for pre-market approval (21 CFR, Part 170.36) for certain food categories.

EU chemical legislation (Reg. EC 1881/2006).

Kosher and Halal certified.

Please ask for our Regulatory statement for further information on the global registration status of the product.

## Nutritional Information

Calories (kcal/100g)	340	Sodium (mg/100g)	26
Total Carbohydrate (%)	46.6	Potassium (mg/100g)	Max. 0.5
Protein (%)	0.3	Calcium (mg/100g)	14
Total fat (%)	14	Lead (mg/100g)	0
Dietary Fiber (%)	0.2	Sugars / Added Sugars	0 / 0
Humidity (%)	4.2	Starch	52.4
Ashes (%)	0	Cholesterol (mg/100g)	0
<u>Fatty Acids</u>		Vitamin A	0
Saturated (%)	1.7	Vitamin C	0
Monounsaturated (%)	3.0	Vitamin D	0
Polyunsaturated (%)	9.4	Vitamin E (mg/100g)	Min. 2500
Trans Fat (%)	0	Other, Tocopherols (%)	32

## Overview

- Ingredients Natural Mixed Tocopherols E306; Modified food starch
- Appearance: Cream to beige powder
- Function: Antioxidant
- Assay Min. 30% active
- Origin: Vegetable
- Use level 0,10 - 0,50%
- Regulatory Status Europe, US, Japan, China, Australia, Canada
- Certifications: FSSC 22000, GMP+, Kosher, Halal
- Shelf life: 18 months

## DISCLAIMER

This Product Data Sheet contains information based on our laboratory analysis. Advanced Organic Materials S.A. assumes no responsibility with regards to the suitability of the products for any specific purposes intended by the user. Recommendations for use and application of the product are given for information purposes. These suggestions do not release customers for conducting the necessary tests as suitability of the product is dependent on the characteristics of the intended process. The user of the product is solely re-sponsible for compliance with all laws and regulations applied to the use of the product, including intellectual property rights of third parties.

The information represent typical values, analytical methods are available at customers request.