



Technical Data Sheet

Vitamin E - Mixed Tocopherol TP 300 WD P. (16370)

PRODUCT INFORMATION

Chemical Name	Mixed tocopherols	Standard	FSSC 22000
Part Used	Soybeen	Origin	Spain

The raw materials of Vitamin E - Mixed Tocopherol TP 300 WD P. are: acacia gum (E-414) and mixed tocopherols 90% concentrated (E-306).

Vitamin E - Mixed Tocopherol TP 300 WD P. is made by spray drying the active ingredient (E-306) onto a carrier (E-414).

Uses The Product is used as a natural antioxidant in nutrition as dietary supplements, food and cosmetic industry. the Product mixes well with dry ingredients and disperses also well in water.

Name	Empirical formula	Molecular weight	CAS
Mixed tocopherols	Not applicable	≥ 402 – ≤ 431	1406-66-2
d-alpha tocopherol	C29H50O2	430.69	59-02-9
d-beta tocopherol	C28H48O2	416.66	16698-35-4
d-gamma tocopherol	C28H48O2	416.66	54-28-4
d-delta tocopherol	C27H46O2	402.64	119-13-1

ITEM SPECIFICATION

Ingredients	Mixed tocopherols concentrated (E-306) Gum Acacia (E-414)		
Tocopherols content as mixed tocopherol	300 mg/g (min.)	(30%) min.	1
Non RRR-alpha tocopherol	240 mg/g min.	(24 %) min.	(80%) min.
RRR-alpha tocopherol:	0 - 60 mg/g	(0 - 6 %)	(0-20%)
RRR-beta tocopherol:	0 - 30 mg/g	(0 - 3 %)	(0-10%)
RRR-gamma tocopherol:	150 - 210 mg/g	(15 - 21%)	(50-70%)
RRR-delta tocopherol:	30 - 90 mg/g	(3 - 9 %)	(10-30%)

Assay			
Appearance*	White to cream fine powder		
Odor & Taste	Bland, characteristic		
Identification	Positive		
Sulphated Ash:	Not more than 4%		
Loss on Drying	max 5%		
Total Ash	max 5%		
Bulk Density	0.35-0.80 g/cm ³	Based on Regulation (EU) N° 231/2012 for E-414	

*The color may vary

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002 Yes, we hereby confirm that the product including all it's ingredients, adjuvants and accessories is in conformity with European Food Law.
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Contaminants	According to Reg. (EC) 2023/915
Preservative	Preservative Free
Residual Solvents	Passes USP <467> Method IV
Pesticides	According to Reg. (EC) 396/2005 and amendments



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Microbiology

Bacterial Count: TAMC-Bacteria: <10,000 cfu/g, E. Coli:None/g(EP, RD 3177/83) Salmonella: None/25 gListeria Monocytogenes: None/10 gShigella: None/10 gClostridium Perfringens: None/gStaphylococcus Aureus: None/gEnterobacteriaceae: max 100/gTotal Aerobic Count: max 1000/gYeast & Moulds: max 100/g

GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen status	No allergens requiring labeling according to Reg. (EC) 1169/2011
Allergen labeling	Subject to labeling according to Reg. (EC) 1169/2011:
Unintentional contact (traces) in the supply chain cannot be excluded.	
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Solubility	Dispersible in water. Insoluble in vegetable oils and organic solvents.
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Cosmetic quality	Complies with all requirements for cosmetics in Germany and the EU
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments
Kosher/ Halal	Certified

STORAGE AND HANDLING

Storage	Protection from light, heat, alkaline, moisture environments is recommended
Shelf Life	2 years if sealed and properly stored
Packaging	20 kg paper bags with internal
Document status template	19.02.2024
Issue date	05.03.2024

All above information according to the manufacturer

Nutritional Values

TYPICAL NUTRITIONAL INFORMATION (for 100g of product)

Calories from fat (Kcal)	157.8
Calories from saturated fat (Kcal)	4.4
Total fat (%g)	3
Saturated fatty acids* (%g)	0.5
Monounsaturated fatty acids* (%g)	0.8
Polyunsaturated fatty acids* (%g)	1.7
Trans fat (%) (referred to total fat content)	<1
Total Carbohydrates (%g)	64
Dietary fiber (%g)	>64
Sugar (%g)	0
Protein (%g)	<1.6
Moisture (%g)	3
Ash (%g)	<0.1
Cholesterol by GC (mg/100g)	<1
Sodium (mg/100g)	<0.3
Potassium (mg/100g)	<0.6
Total tocopherols (%)	31.5

*calculated as triglyceride

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