

Tocomix L70-IP Organic CO



Product data sheet | item ref. 406422

Description and listings

Tocomix L70-IP Organic CO contains the vegetable sourced tocopherols, standardised to a 70 % tocopherols concentration with organic sunflower oil. The tocopherols profile ensure an optimised, high efficacy focused on product protection. The tocopherols are obtained via a non-GMO Identity Preserved (IP) supply chain – this product is certified non-GMO IP. The Tocomix L70-IP Organic CO is meant to protect personal care products against oxidation, while retaining compliance to several natural / organic standards.

Ingredient name EU (2019/701):	INCI name US (PCPC):	CAS no:
Tocopherol	Tocopherol	1406-66-2
Helianthus Annuus Seed Oil	Helianthus Annuus (Sunflower) Seed Oil	8001-21-6

Specifications

Appearance at 20°C:	clear-slightly hazy liquid	08 LAB MV
Tocopherols level:	min. 70.0 %	ISO 9936 / QA-EC-I-089
Colour:	yellow-brown	08 LAB MV
Odour:	typical	08 LAB MV
Relative density (20 /20°C):	0.938 – 0.963	ISO 12185
Refractive index n_D^{20} :	1.495 – 1.510	ISO 6320
Benzo(a)pyrene:	max. 2 ppb (microg/kg)	
PAH-4 (*):	max. 10 ppb (microg/kg)	
PCR analysis (**):	CaMV35S, NOS, FMV35S: negative	

Some items may be determined on surveillance basis

(*) sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene (lowerbound, see Regulation 1881/2006). Benzo(a)pyrene and PAH-4 specifications are based on the limits for edible vegetable oils in the food legislation.

(**) with reference to the tocopherol concentrate – please refer to the certified IP status as well

Typical properties

d-gamma + d-delta-tocopherol level is around ca. 85 %, expressed as a percentage of the total tocopherol content. The tocopherol content is measured every batch, results are given on the certificate of analysis.

Organic certification

Certified as 26 % organic PPAI by Ecocert GREENLIFE according to COSMOS Standard.

Halal certification

Tocomix L70-IP Organic CO is Halal certified.

GMO status

Tocomix L70-IP Organic CO is not derived from genetically modified organisms (GMO).

Tocomix L70-IP Organic CO is manufactured in compliance with the FoodChain ID Certification NON-GMO Certification Standard under – in case of the tocopherols – an Identity Preserved (IP) regime. We are certified by FoodChain ID Certification (formerly known as Cert ID), and we operate in compliance with the above NON-GMO Standard.

Tocomix L70-IP Organic CO (406422)

Directions of use and use levels

Tocomix L70-IP Organic CO is soluble in oil/fat and insoluble in water. Add Tocomix L70-IP Organic CO into fat or oil of 20 – 50 °C while stirring until the product is homogeneously mixed. Usual use levels are 0.03 – 0.2 %.

Storage and shelf life

Tocomix L70-IP Organic CO should be stored in a cool place in closed containers. Shelf life is 36 months after production when stored under the above-mentioned conditions in original unopened packaging.

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