

**TECHNICAL DATA SHEET**

Effective date: 04.2019

Natural Vitamin E, ECOCERT**INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Tocopherol, Helianthus annuus seed oil
Composition	Blend of Natural Tocopherols --- min. 50% Rest --- sunflower oil
Manufacturing process	Natural mixed Tocopherol concentrate from sunflower oil

TECHNICAL DATA**Physical parameters**

Appearance	Viscous liquid
Color	Light amber to amber brown
Odor	Characteristic
Solubility	Insoluble in water. Soluble in fats and oils.
Relative density at 25°C	0,95 - 1,00 g/cm ³

Biological parameters

Total plate count	≤ 1000 cfu/g
Yeast and molds	≤ 25 cfu/g
Escherichia coli	≤ 40 MPN/100g

Contaminants

Heavy metals	≤ 10 ppm
Lead (Pb)	≤ 2 ppm
Arsenic (As)	≤ 2 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 0,1 ppm
Pesticides	According to current legislation.

LEGISLATION

Certifications	Produced under ISO 9001:2008 ECOCERT/ COSMOS raw material approved
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Halal Status	HALAL Certificate
Kosher Status	KOSHER Certificate
GMO	The product contains no ingredients of GMO origin and no GMO (e.g. enzymes) were used during the production process
BSE/TSE	The raw materials used in the manufacture of the product are not derived from any source of what may be considered "Specific Risk Materials" involved in the transmission of BSE (Bovine Spongiform Encephalopathy)
EINECS	200-412-2 / 240-747-1 / 200-201-5 / 204-299-0
CAS	59-02-9 / 16698-35-4 / 54-28-4 / 119-13-1

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	We recommend storing the product in tightly closed containers under room temperature conditions away from oxygen, heat and light. Once opened, use immediately. The product could crystallize at room temperature. A warming and homogenization before use could be necessary (around 60°C for 5 minutes). Due the natural origin of the product, and depending on the batch and the harvest campaign, changes in color and odor may be observed.
Shelf Life	36 months under good storage conditions.

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.