

**TECHNICAL DATA SHEET**

Effective date: 04.2019

**Organic Raspberry Seed Oil, ECOCERT/COSMOS****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Rubus idaeus seed (Raspberry) extract, Rosmarinus officinalis (Rosemary) leaf extract
Botanical name	Rubus idaeus
Manufacturing process	By supercritical fluid extraction with natural carbon dioxide, no solvent residues, no inorganic salts, no heavy metals, no reproducible microorganisms. The extract is stabilized with 0,1 % Rosemary Antioxidant Extract (organic).
Description	Contains all CO <sub>2</sub> -soluble lipophilic components
Part used	Seeds, dried (from organic farming)
Composition	Fatty oil with a high content of polyunsaturated fatty acids including 48 - 63 % linoleic acid (C18:2) and 23 - 30 % alpha-linolenic acid (C18:3), tocopherols and tocotrienols.

**TECHNICAL DATA****Physical parameters**

Appearance	Liquid
Color	Yellow-brown
Odor	Characteristic
Solubility	Soluble in oil, insoluble in water.
Peroxide value	2,6 meq O <sub>2</sub> /kg
Acid value	8,0 mg KOH/g
Relative density at 20°C	0,915 – 0,940 g/cm <sup>3</sup>
Refractive index at 20°C	1,470 - 1,495

**Chemical parameters**

<b>Fatty acid composition</b>	<b>%</b>
Palmitic Acid (C16:0)	2,2
Palmitoleic Acid (C16:1)	0,20
Stearic Acid (C18:0)	0,89
Oleic Acid (C18:1)	12,7
Vaccenic Acid (C18:1)	0,62
Linoleic Acid (C18:2)	59,0
alpha Linolenic acid (C18:3)	24,1

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Arachidic Acid (C20:0)	0,39
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**TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Store in closed containers, keep dry and avoid humidity. The product can lose its ability to flow during cool storage or a longer standing at room temperature. However warming it up to 40°C it gets back its oily consistency.
Shelf Life	24 months, in closed packaging and the recommended conditions.
Custom tariff	-

**LEGISLATION**

Certification	Certified as 100% organic by Ecocert Greenlife according to COSMOS-standard.
Kosher Status	Certified by London Beth Din Kashrut Division (KLBD)
Halal Status	Certified by Halal Certification Services (HCS)
EINECS	284-554-0/ 283-291-9
CAS	84929-76-0/ 84604-14-8

**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.