



## MEDXTRACT FENNEL 1:2 ORGANIC

<b>INCI NAME:</b>	FOENICULUM VULGARE FRUIT EXTRACT, GLYCERIN, AQUA, BENZYL ALCOHOL, SODIUMBENZOATE, POTASSIUM SORBATE
<b>CAS NUMBER:</b>	84625-39-8/ 85085-33-2, 56-81-5,7732-18-5, 100-51-6, 532-32-1, 24634-61-5 / 590-00-1

MEDXTRACT FENNEL 1:2 ORGANIC is the extract of fruits of organically grown Foeniculum Vulgare in vegetable glycerin and is produced by ultrasounds at low temperature (25 °C).

Foeniculum Vulgare belongs to the botanical family of Umbelliferae and is a hardy, perennial, umbelliferous herb, indigenous to the shores of the Mediterranean.

MEDXTRACT FENNEL 1:2 ORGANIC possesses mainly stimulant, antiseptic, tonic and vulnerary properties and is widely used in cosmetics and personal care formulations, at concentrations ranging from 1 to 10%.

Certificate of Conformity COSMOS Standard (n. 091 CS.019)

has been issued by ICEA (Istituto per la Certificazione Etica e Ambientale)



**COSMOS  
CERTIFIED**

39,1% organic content

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## PHYSICAL / CHEMICAL PROPERTIES

Appearance (20 °C):	clear or slightly opalescent liquid
Colour:	yellow green
Odour:	characteristic
Used parts of plant:	fruits
Concentration (plant/extract):	1:2
Glycerin:	80% max.
Water:	20% min.
Dry residue (180 °C - 30'):	1 - 2%
Specific gravity (20 °C):	1,15 - 1,19
pH (as is):	5,5 - 6,5
Refraction index:	1,42 - 1,46
Heavy metals (Pb, Cd, Cr, Hg, As):	10,0 ppm max.
Pesticides:	Conform to Reg. (EC) 834/2007 and amendments
Total Microbial Count:	< 100 UFC/ml
Preservatives:	Benzyl Alcohol (0,60%) Sodium Benzoate (0,18%) Potassium Sorbate (0,12%)