



## MEDXTRACT NETTLE 1:2 ORGANIC

<b>INCI NAME:</b>	URTICA DIOICA EXTRACT, GLYCERIN, AQUA, BENZYL ALCOHOL, SODIUM BENZOATE, POTASSIUM SORBATE
<b>CAS NUMBER:</b>	84012-40-8, 56-81-5, 7732-18-5, 100-51-6, 532-32-1, 24634-61-5/590-00-1

MEDXTRACT NETTLE 1:2 ORGANIC is the extract of aerial parts of organically grown *Urtica Dioica* in vegetable glycerin and is produced by ultrasounds at low temperature (25 °C).

*Urtica Dioica* belongs to the botanical family of Urticaceae and is a herbaceous flowering plant, native to Europe, Asia, northern Africa, North America and is the best known member of the nettle genus *Urtica*.

MEDXTRACT NETTLE 1:2 ORGANIC mainly possesses hair conditioning, antidandruff, tonic, astringent, soothing 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.046)  
has been issued by ICEA (Istituto per la Certificazione Etica e Ambientale)



## PHYSICAL / CHEMICAL PROPERTIES

Appearance (20 °C):	clear to slightly opalescent liquid
Colour:	dark amber
Odour:	characteristic
Used parts of plant:	aerial parts
Concentration (plant/extract):	1:2
Glycerin:	80% max.
Water:	20% min.
Dry residue (180 °C - 30'):	1 - 2%
Specific gravity (20 °C):	1,16 - 1,18
pH (as is):	6,0 - 7,5
Refraction index:	1,42 - 1,45
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%)