



## MEDXTRACT HOP 1:2 ORGANIC

<b>INCI NAME:</b>	HUMULUS LUPULUS FLOWER EXTRACT, GLYCERIN, AQUA, BENZYL ALCOHOL, SODIUM BENZOATE, POTASSIUM SORBATE
<b>CAS NUMBER:</b>	8060-28-4, 56-81-5, 7732-18-5, 100-51-6, 532-32-1, 24634-61-5/ 590-00-1

**MEDXTRACT HOP 1:2 ORGANIC** is the extract of flowers of organically grown Humulus Lupulus in vegetable glycerin and is produced by ultrasounds at low temperature (25 °C).

Humulus Lupulus is a species of Humulus in the Cannabaceae family. Common hop is a perennial, herbaceous climbing plant, native to the temperate Northern Hemisphere. The flower cones of the plant, known as hops, are used in the production of beer to impart bitterness and flavour and for their preservatives qualities.

**MEDXTRACT HOP 1:2 ORGANIC** possesses mainly calming, antiseptic, antibacterial, skin and hair restructuring 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.025)

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



**COSMOS  
CERTIFIED**

**39,1% organic content**

MEDOLLA SPECIALITY CHEMICALS  
di Federico Medolla

Via dei Tigli, 28/D  
06083 Bastia Umbra (PG)  
Italy

Tel. +39.075.8626826  
info@medollaspecialitychem.com  
www.medollaspecialitychem.com

## PHYSICAL / CHEMICAL PROPERTIES

Appearance (20 °C):	clear to slightly opalescent liquid
Colour:	yellow ambered
Odour:	characteristic
Used parts of plant:	flowers
Concentration (plant/extract):	1:2
Glycerin:	80% max.
Water:	20% min.
Dry residue (180 °C - 30'):	1 - 2%
Specific gravity (20 °C):	1,14 - 1,19
pH (as is):	5,0 - 7,0
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%)