



## MEDXTRACT BURDOCK 1:2

<b>INCI NAME:</b>	ARCTIUM LAPPA ROOT EXTRACT, PROPYLENE GLYCOL, AQUA
<b>CAS NUMBER:</b>	84012-13-5, 57-55-6, 7732-18-5

MEDXTRACT BURDOCK 1:2 is the glycolic extract of roots of Arctium Lappa, produced by ultrasounds at low temperature (25°C).

Arctium Lappa is a biennial plant in the family Compositae, cultivated in gardens for its root used as a vegetable. It is rather tall, reaching as much as 2 meters.

MEDXTRACT BURDOCK 1:2 possesses mainly antiseptic, cleansing, anti-rheumatic and sebum regulator properties and is widely used in cosmetics and personal care formulations at concentrations ranging from 1 to 10 %.

PHYSICAL / CHEMICAL PROPERTIES	
Appearance (20° C):	clear liquid
Colour:	light ambered
Odour:	faint characteristic
Used parts of plant:	roots
Concentration (plant/extract):	1:2
Propylene Glycol:	80 - 90%
Water:	10 - 20%
Dry residue (180° C - 30'):	1 - 2%
Specific gravity (20° C):	1,02 - 1,05
pH (as is):	5,5 - 7,0
Refraction index:	1,39 - 1,44
Heavy metals (Pb, Cd, Cr, Hg, As):	10 ppm max.
Pesticides:	5 ppm max.
Total Microbial Count:	< 100 UFC/ml
Preservatives:	Benzyl Alcohol (0,4%) Sodium Benzoate (0,12%) Potassium Sorbate (0,08%)

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