

MEDXTRACT BLACK CURRANT 1:2

INCI NAME:	RIBES NIGRUM LEAF EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	68606-81-5, 57-55-6, 7732-18-5

MEDXTRACT BLACK CURRANT 1:2 is a glycolic extract of leaves of Ribes Nigrum and is obtained by ultrasounds at low temperature (25°C).

Ribes Nigrum belongs to the botanical class of Saxifragaceae and is a species of Ribes berry native to Central and Northern Europe and Northern Asia. It is a small shrub growing to 2 m.

MEDXTRACT BLACK CURRANT 1:2 possesses mainly emollient, skin conditioning and astringent 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:	green ambered
Odour:	characteristic
Used parts of plant:	leaves
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%)

Revision n.00 Date: 08.2015