



MEDXTRACT LIQUORICE 1:2

INCI NAME:	GLYCYRRHIZA GLABRA ROOT EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	84775-66-6, 57-55-6, 7732-18-5

MEDXTRACT LIQUORICE 1:2 is the glycolic extract of Glycyrrhiza Glabra's roots produced by ultrasounds at low temperature (25°C).

Glycyrrhiza Glabra belongs to the botanical family of Leguminosae and is a herbaceous perennial, native to southern Europe and parts of Asia.

MEDXTRACT LIQUORICE 1:2 possesses mainly antispasmodic, cleansing, emollient, refreshing, tonic, antioxidant and bleaching 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:	ambered
Odour:	faint characteristic
Used parts of plant:	root
Concentration (plant/extract):	1:2
Propylene Glycol:	80 - 90%
Water:	10 - 20%
Dry residue (180° C - 30'):	1 - 2%
Specific gravity (20° C):	1,03 - 1,05
pH (as is):	5,5 - 7,0
Refraction index:	1,40 - 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

