

MEDXTRACT GINGER 1:2

INCI NAME:	ZINGIBER OFFICINALIS ROOT EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	84696-15-1, 57-55-6, 7732-18-5

MEDXTRACT GINGER 1:2 is a glycolic extract of the rhizomes of Zingiber Officinale and is obtained by ultrasounds at low temperature (25°C).

Zingiber Officinale belongs to the botanical class of Zingiberaceae. The underground stem of the ginger plant, Zingiber Officinale, is a spice used for cooking and is also consumed whole as a delicacy or medicine.

MEDXTRACT GINGER 1:2 possesses mainly stimulant, tonic, rubefacient, aromatic 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:	yellow ambered
Odour:	faint characteristic
Used parts of plant:	rhizomes
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:	1,40 - 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%)

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