



MEDXTRACT HIBISCUS 1:2

INCI NAME:	HIBISCUS SABDARIFFA FLOWER EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	84775-96-2, 57-55-6, 7732-18-5

MEDXTRACT HIBISCUS 1:2 is the glycolic extract of Hibiscus Sabdariffa flower calyces, produced by ultrasounds at low temperature (25°C).

Hibiscus Sabdariffa is a species of Hibiscus in the family Malvaceae, native to the OldWorld tropics, used for the production of bast fibre and as an infusion. It is an annual or perennial herb or sub-shrub, growing to 2 – 2,5m tall.

MEDXTRACT HIBISCUS 1:2 possesses mainly spasmolytic, antibacterial, anti-oedema, refreshing, tonic and astringent properties and is widely used in cosmetics and personal care formulations, at concentrations ranging from 1 to 5 %.

PHYSICAL / CHEMICAL PROPERTIES

Appearance (20° C):	clear liquid
Colour:	violaceous red
Odour:	faint characteristic
Used parts of plant:	flowers calyces
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):	3,5 - 5,0
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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