

MEDXTRACT ALOE 1:2

INCI NAME:	ALOE BARBADENSIS LEAF EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	85507-69-3 / 94349-62-9, 57-55-6, 7732-18-5

MEDXTRACT ALOE 1:2 is a glycolic extract of condensed dried juice of leaves of Aloe Barbadensis and is obtained by ultrasounds at low temperature (25°C).

Aloe Barbadensis belongs to the family of Liliacea and is a species of succulent plant that probably originated in northern Africa.

MEDXTRACT ALOE 1:2 possesses mainly moisturizing, anti-inflammatory, anti-bacterial and emollient 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 to slightly opalescent liquid
Colour:	dark yellow brown
Odour:	strong characteristic
Used parts of plant:	condensed dried juice of leaves
Concentration (plant/extract):	1:2
Propylene Glycol:	80 - 90%
Water:	10 - 20%
Dry residue (180° C - 30'):	1 - 2%
Specific gravity (20° C):	1,13 - 1,15
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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