



MEDXTRACT CALENDULA 1:2

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| INCI NAME: | CALENDULA OFFICINALIS FLOWER EXTRACT, PROPYLENE GLYCOL, AQUA |
| CAS NUMBER: | 84776-23-8, 57-55-6, 7732-18-5 |

MEDXTRACT CALENDULA 1:2 is the glycolic extract of flowers of Calendula Officinalis and is produced by ultrasounds at low temperature (25°C).

Calendula Officinalis belongs to the botanical family of Compositae and is an herbaceous plant native to Europe, North Africa and Middle East.

MEDXTRACT CALENDULA 1:2 possesses mainly soothing, moisturizing, anti-redness, healing and bacteriostatic 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: | characteristic |
| Used parts of plant: | flowers |
| 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%) |

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