

Zábila Aloe Vera s.l.
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TECHNICAL INFORMATION SHEET
ALOE VERA 100 % GELLED Without pulp.

Synonyms:

Aloe barbadensis miller

Frame formula:

- Aloe vera barbadensis miller: 98.48%.
- Xantam gum 1.1%
- Potassium Metabisulfite: 0.15%
- Potassium Sorbate: 0.15 %
- Citric acid: 0.1%
- Ascorbic acid 0.02%

Description:

It is a concentrated gel stabilized from the fresh parenchyma of the leaves of Aloe barbadensis (Aloe vera), carefully processed at low temperatures and preserved. The ratio of active ingredients to the plant is 1: 1.

Aloe vera employee has its origin in plantations located in Tenerife (Fasnia, Güímar and Candelaria) and certified by the Regulatory Council of Organic Agriculture of the Canary Islands (CRAE). It is 100% natural and fresh.

Aloe vera gel contains almost 99% water by weight, the rest plus 5% of carbohydrates must be mucilage and the solids must be greater than or equal to 0.46%. It does not contain the sap of Aloe vera that contains anthraquinones, so it shows a very low level of this type of compound (<10 ppm) and therefore lacks the associated gastrointestinal irritant effects.

Physical-Chemical Data:

Liquid gel colorless or slightly opalescent, sometimes with yellow, brown or green tones. Soluble in water and 96% ethanol, insoluble in chloroform and ether. Ph between 3.6 and 4.0.

Properties and uses:

It has topical effect mainly as emollient, soothing, refreshing, moisturizing and anti-inflammatory.

Because of its water retention capacity, the gel is used when hydration and softness are required and produces synergistic effects in combination with other moisturizers and skin moisturizers such as glycerin and propylene glycol.

It is anti-inflammatory, but unlike corticosteroids, it also acts at the cellular level, causing the reparation of the tissue. Also being stabilized with food preservatives, it makes it possible for aloe vera to be used in beverages, syrups, food products and dietary supplements.

Observations:

- Thermolabile.
- Photosensitive.
- Suitable for food use.
- Suitable for diabetics and coeliacs.

Conservation:

In tightly closed containers and protected from light.

Bibliography: Phytotherapy. Prescription vademecum. Medicinal plants. Ed. Masson. 3rd ed. (1998) z

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