

Aloe

DuoLife ALOE – 100% natural food supplement, created for people caring for their condition, vitality, youthful looks and beautiful body. A combination of aloe juice and pulp with honey and oregano, to support functions of the gastrointestinal tract, the immune system, the liver and the kidneys. Over 200 active ingredients, including valuable antioxidants, amino acids, vitamins and minerals, to keep the body and the mind in a perfect shape.



When?

Aloe vera has been known for its beneficial, health-supporting properties for thousands of years¹. It is a wealth of active compounds that support the functioning of the body on many levels. This effect is enhanced by honey and oregano found in the formula.

The ingredients of DuoLife Aloe food supplement have a supporting effect in case of:

- ▶ people wishing to maintain youthful looks, normal body weight and vitality;
- ▶ those weakened, during periods of physical and mental exhaustion;
- ▶ people suffering from gastrointestinal disorders;
- ▶ those suffering from recurring infections, badly healing wounds;
- ▶ convalescents;
- ▶ elderly people/seniors.

How?

DuoLife Aloe contains not only the juice and pulp of aloe vera from Mexico, but also beneficial honey and healthy oregano herbal extract – all these ingredients are natural sources of antioxidants²⁻⁴.

i **DuoLife Aloe – usage:**
25–50 ml/day, before meal.

i **Ingredients:** aloe juice with pulp (*Aloe vera*), wildflower honey, oregano (*Origanum vulgare*) extract, acidity regulator: citric acid.

Do not exceed the recommended daily intake. The product should not be used as a substitute for a varied diet. Balanced diet and a healthy lifestyle are the basis for proper functioning of human body.

How valuable is aloe vera?

Very! Its multidirectional health-supporting effect cannot be overestimated!

- ▶ Antioxidants contained in the pulp and juice of this plant support the functioning of the heart and blood vessels, help to maintain proper cholesterol levels^{2,5}.

But this is just the beginning of the advantages of aloe vera!

- ▶ The abundance of active ingredients helps support the body's immunity and helps fight bacterial, viral and fungal infections^{6,7}.
- ▶ Aloe vera also contributes to the maintenance of proper intestinal function and regular bowel emptying; thanks to the content of natural prebiotics it helps ensure a favourable bacterial balance in the large intestine⁶⁻⁸.
- ▶ It also supports liver function and cleansing the body of toxins and helps maintain proper body weight and blood sugar levels⁶⁻⁹.
- ▶ The richness of amino acids – a valuable building block of proteins, including collagen – supports the healing of wounds and proper skin functions, helping to maintain skin firmness and youthful appearance^{7,10,11}.

Honey and oregano synergistically support the beneficial properties of aloe vera!

- ▶ Honey provides the body with valuable energy, structural and regulatory ingredients that improve its mental and physical shape. It is a source of antioxidants, enzymes, vitamins and minerals³. It supports primarily the functions of the digestive tract, immune system and cardiovascular system¹²⁻¹⁴.
- ▶ Honey also supports the recovery of the body after intensive physical and mental effort; it is valuable in people exposed to chronic stress¹²⁻¹⁴.
- ▶ The addition of honey improves assimilation of mineral and vitamin ingredients contained in the product¹²⁻¹⁴.
- ▶ Oregano herb supports the effect of aloe vera in the processes of recovery of damaged tissues, helps alleviate gastrointestinal tract disorders, supports the immunity of the organism, contributing to protection against bacterial, fungal and viral infections^{4,15-17}.

What makes DuoLife Aloe different?

- ▶ **The liquid form of the preparation with the preserved biological background of the components**, facilitating the release of active compounds and their absorption into the bloodstream, as well as increased absorption, translate into more efficient distribution to the place of action (beneficial effect on LADME processes*).
- ▶ **The product is preserved using IHHP™ by DuoLife** – (Innovation High Hydrostatic Process™ by DuoLife), a method based on the concept of „minimal processing“. The advantage of the method is high health quality and durability and preservation of the natural nutritional and sensory qualities, compared to products preserved by classical methods. The technological process employed is conducted at a low temperature (to protect active ingredients) and is based on the principle of synergy of multiple fixatives, allowing to maintain the highest quality of the product without using preservatives.
- ▶ **Natural ingredients**, including the particularly valuable juice and pulp of the aloe from Mexico.
- ▶ **Formulation prepared in consideration of the principles of synergy and antagonism.**
- ▶ **The product DOES NOT CONTAIN preservatives and is GMO FREE** – the raw materials used to develop the supplement ARE NOT DERIVED from genetically modified plants.
- ▶ **The product is GLUTEN-FREE** – can be used by people with gluten intolerance.
- ▶ **Special bottle from pharmaceutical-grade glass** – the dark glass protects against light and temperature fluctuations, and is resistant to release to the formulation of mineral substances from its inner surface.
- ▶ **Concentrated form** – easy to use.
- ▶ **Umbrella brand** – the effect of the liquid form is complemented by cosmetics with a high naturalness index from the DuoLife Beauty Care Aloes line.

📄 The references for DuoLife Liquid Form Aloe Vera can be found on a separate binder sheet.

*LADME – is an English abbreviation describing processes to which an active substance is subjected in the body: release from the preparation form -> absorption into a bloodstream -> distribution in the body -> metabolism -> excretion

References

1. Atherton, P. (1998). Aloe vera: magic or medicine?. *Nursing Standard (through 2013)*, 12(41), 49.
2. Hu, Y., Xu, J., & Hu, Q. (2003). Evaluation of antioxidant potential of Aloe vera (*Aloe barbadensis* Miller) extracts. *Journal of agricultural and food chemistry*, 51(26), 7788-7791.
3. Godlewska, M., & Świsłocka, R. (2015). Fizykochemiczne i przeciwdrobnoustrojowe właściwości miodów z rejonu Podlasia. *Kosmos*, 64(2), 347-352.
4. Cervato, G., Carabelli, M., Gervasio, S., Cittera, A., Cazzola, R., & Cestaro, B. (2000). Antioxidant properties of oregano (*Origanum vulgare*) leaf extracts. *Journal of Food Biochemistry*, 24(6), 453-465.
5. Flora, S. J. S. (2007). Role of free radicals and antioxidants in health and disease. *Cellular and Molecular Biology*, 53(1), 1-2.
6. Cieślak, E., & Turcza, K. (2015). Właściwości prozdrowotne aloesu zwyczajnego Aloe vera (L.) Webb. (*Aloe barbadensis* Mill.). *Postępy Fitoterapii*, 2, 117-124.
7. Matejczyk, M., Golonko, A., & Chilmon, E. (2017). Aloe vera – wybrane właściwości biologiczne. *Budownictwo i Inżynieria Środowiska*, 8(4).
8. Pothuraju, R., Sharma, R. K., Onteru, S. K., Singh, S., & Hussain, S. A. (2016). Hypoglycemic and hypolipidemic effects of Aloe vera extract preparations: A review. *Phytotherapy research*, 30(2), 200-207.
9. Kumar S., Yadav J.P. (2014). Ethnobotanical and pharmacological properties of Aloe vera: A review. *Journal of Medicinal Plant Research*, Vol. 8, 1387-1398.
10. Radha M.H., Laxmipriya N.P. (2015). Evaluation of biological properties and clinical effectiveness of Aloe vera: A systematic review. *Journal of Traditional and Complementary Medicine*, Vol 5, Issue 1, 21-26.
11. Attah M.O., Ishaya H.B., Chiroma M.S., Amaza D.S., Balogun S.U., Jacks T.W. (2015). Effect of *Tamarindus indica* (Linn) on the rate of wound healing in adult rabbits. *IOSR Journal of Dental and Medical Sciences*, Vol. 14, Issue 8, 80-84.
12. Bąkowska, M., & Janda, K. (2018). Właściwości prozdrowotne wybranych miodów. *Pomeranian Journal of Life Sciences*, 64(3).
13. Kumar, K. S., Bhowmik, D., Biswajit, C., & Chandira, M. R. (2010). Medicinal uses and health benefits of honey: an overview. *J Chem Pharm Res*, 2(1), 385-395.
14. Pasupuleti, V. R., Sammugam, L., Ramesh, N., & Gan, S. H. (2017). Honey, propolis, and royal jelly: a comprehensive review of their biological actions and health benefits. *Oxidative medicine and cellular longevity*, 2017.
15. Ożarowski A, Łańcucki J, Gąsiorowska K. Leki roślinne. Zjednoczenie Przemysłu Zielarskiego Herbapol. Warszawa 1978.
16. Dorman HJ, Deans SG. Antimicrobial agents from plants: antibacterial activity of plant volatile oils. *J Appl Microbiol* 2000; 88:308-16.
17. Manohar V, Ingram C, Gray J et al. Antifungal activities of origanum oil against *Candida albicans*. *Mol Cell Biochem* 2001 Dec; 228(12):111-7.