

**DUOLIFE Aloe** is a food supplement based on ingredients of natural origin, created for people who want to promote fitness, vitality, youthful appearance and a beautiful body shape. 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.

IHHP<sup>™</sup> fixation

Glass bottle



100% natural origin



Preservative and GMO-free



Gluten-free

# When to use DUOLIFE Aloe?

Aloe vera has been known for its beneficial, health-supporting properties for thousands of years<sup>1</sup>. It is a treasure trove of active compounds that support the optimal functioning of the body. This effect is enhanced by honey and oregano found in the formula. The ingredients of the DUOLIFE Aloe food supplement have a supporting effect for:

Aloe

- > people who want to maintain a youthful appearance, proper body weight and vitality;
- weakened, during periods of physical and mental exhaustion;
- suffering from gastrointestinal disorders;
- suffering from recurring infections, badly healing wounds;
- convalescents;
- elderly people/seniors.

# How to use the DUOLIFE Aloe food supplement?

DUOLIFE Aloe contains the juice and pulp of aloe vera from Mexico as well as beneficial honey and healthy oregano herbal extract – all these ingredients are natural sources of antioxidants<sup>2-4</sup>.

#### (i) Instructions for use:

25–50 ml/day, before meal.

Do not exceed the recommended daily dose. Food supplements should not be a substitute for a varied diet. A balanced diet and healthy lifestyle are essential for the proper functioning of the body.

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

Very! It is impossible to overestimate its multidirectional valuable effects!

- Antioxidants contained in the pulp and juice of this plant support the functioning of the heart and blood vessels, and help to maintain proper cholesterol levels<sup>2, 5</sup>.
- The abundance of active ingredients helps to support the body's immunity and helps to fight bacterial, viral and fungal infections<sup>6,7</sup>.
- ► Aloe vera also contributes to the maintenance of proper intestinal function and regular bowel emptying; thanks to the content of natural prebiotics it helps to ensure a favourable bacterial balance in the large intestine<sup>6-8</sup>.
- Aloe vera supports liver function and cleansing the body of toxins and helps to maintain proper body weight and blood sugar levels<sup>6–9</sup>.
- ► The abundance 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<sup>7, 10, 11</sup>.

# 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 minerals<sup>3</sup>. It supports primarily the functions of the digestive tract, immune system and cardiovascular system<sup>12-14</sup>.
- Honey also supports the recovery of the body after intensive physical and mental effort; it is valuable in people exposed to chronic stress<sup>12–14</sup>.
- ▶ Honey additive improves the assimilation of mineral and vitamin ingredients contained in the product<sup>12-14</sup>.
- 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 body, contributing to protection against bacterial, fungal and viral infections<sup>4, 15–17</sup>.

# What makes DUOLIFE Aloe so special?

- The liquid form of the preparations 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 this method is high health quality and durability as well as preservation of the natural nutritional and sensory values, compared to products preserved using conventional 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.
- 100% natural origin, including the particularly valuable juice and pulp of the aloe vera from Mexico.
- A formulation taking into account the principles of synergy and antagonism of ingredients.
- The product is preservative-, gluten- and GMO-free.
- Special bottle made of 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 of the bottle.
- 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 Aloe line.

**1** Reference list for DUOLIFE Aloe formulation can be found in the separate sheet of the binder.

<sup>\*</sup> LADME – an 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.

# Aloe

### 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). Antioxbdant 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. Cieślik, 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 Medici*nal 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.