



HAPLEX® Plus is a high purity, food grade Sodium Hyaluronate with two different grades, low and high molecular weight, scientifically researched to nourish skin and support joint and bone health.



PRODUCT PROFILE SHEET

As we age, the cells metabolism slows down and hyaluronic acid (HA) synthesis in our body decreases. As a result, there is not enough water in the collagenous fibre and elastic fibre of the skin and therefore wrinkles appear.

Furthermore, because of the loss of HA within the synovial fluid of joints, it can lead to osteoarthritis.

The synthesis and degradation of HA in the body is a dynamic balanced process. Numerous studies demonstrate that oral intake of HA can increase the precursors of HA and promote its synthesis. Therefore, oral administration of HA can increase endogenous HA and help achieve health and beauty from within.

Product Advantages

- ✓ **Worldwide Trusted, High Quality Brand**
- ✓ **Backed by Scientific Research**
With particular focus on beauty from within.
- ✓ **+20 years' experience in production of HA**
Bloomage Biotech is the largest Sodium Hyaluronate manufacturer in the World.
- ✓ **Produced by fermentation**
Non-animal origin, Vegan.
- ✓ **High content of HA, very low impurities**
Manufactured under ISO 9001, ISO 22000, HACCP and GMP Quality Systems.
- ✓ **Proven Safety**
- ✓ **Halal and Kosher**

Research

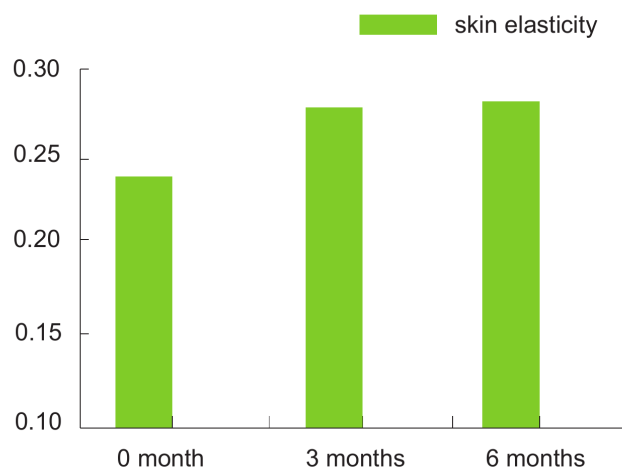
Beauty from Within

The benefits of HAPLEX® Plus in beauty from within, in particular skin health, have been demonstrated through different studies.

An initial study¹ conducted on 29 volunteers, taking 150mg of HAPLEX® Plus for a period of 6 months demonstrated that oral supplementation of HAPLEX® Plus was effective in **nourishing skin**, with statistically significant results on the parameters of **elasticity**.

Graphic 1

Changes in Skin Elasticity



A recent randomised, placebo-controlled clinical trial² (2025) involving 67 Chinese women aged 30–60 years with skin dryness, laxity, wrinkles, pigmentation, and scalp dryness was conducted over a period of 56 days. Participants received a daily intake of 100 mg HAPLEX® Plus (solid beverage) or placebo. Daily supplementation with 100 mg HAPLEX® Plus demonstrated clear **moisturising, repairing, firming, whitening, and pore-refining effects on the skin**. It also enhanced scalp hydration and barrier function².

The product was safe, well-tolerated, and highly valued by participants, who strongly agreed on visible improvements in hydration, firmness, elasticity, and wrinkle reduction².

Another randomised, double-blind clinical trial³, published in 2025 investigated the effects of daily oral supplementation with 100 mg or 150 mg hyaluronic acid (HA) compared to placebo for 8 weeks in 36 women aged 30–60 with skin dryness and sagging. Both HAPLEX® Plus groups (100 mg and 150 mg) showed significant improvements in cheek **skin elasticity and moisture**, alongside reductions in **trans-epidermal water loss**. Noticeable improvements in **skin grooves and wrinkles**.



particularly around the eyes and mouth, were observed in both HA groups³.

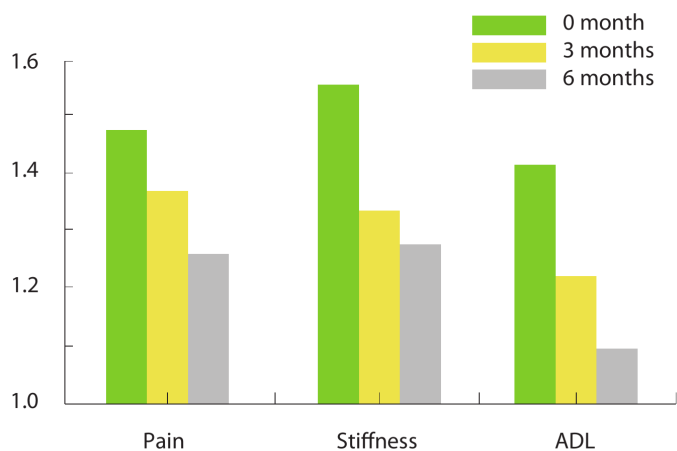
Participants receiving HA supplementation also reported enhanced **skin brightness, transparency, and overall texture** compared to placebo. The 100 mg group showed stronger benefits for skin moisturisation and smoothness, while systemic effects were also evaluated: the 100 mg group demonstrated greater efficacy in reducing **body dryness and itching symptoms**, whereas the 150 mg group was more effective in supporting systemic well-being, **including sleep quality, digestion, and overall condition**³.

Joint Health Support - Healthy Aging

In a 6 months' prospective study¹ conducted on 29 volunteers, 150mg of HAPLEX®Plus and 800mg of Chondroitin Sulphate (CS) were administered orally. The study demonstrated that HAPLEX®Plus and CS may help to **improve the symptoms of osteoarthritis**. Since the dose of CS used in this study was below typical therapeutic levels, the observed effectiveness was considered to be primarily attributable to HAPLEX® Plus.

Graphic 2

Improvement of degenerative osteoarthritis (Changes in WOMAC Scores)



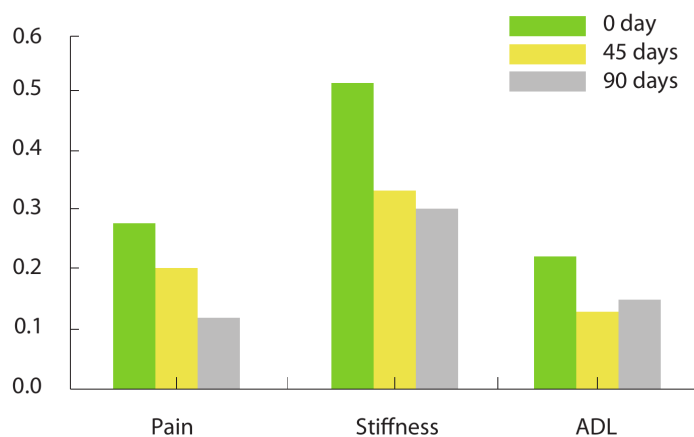
ADL = Difficulties in the Activities of Daily Living

Joint Health Support - Sports and Active People

A research⁴ was carried out in 2015 on 33 volunteers who would normally perform very intense physical activity and the aim was to measure improvements in their articular cartilage. The volunteers took 150mg per day of HAPLEX®Plus orally for 90 days. The **functionality of their articular cartilage and pain** were significantly improved.

Graphic 3

Improvements in Articular Cartilage (Changes in WOMAC Scores)



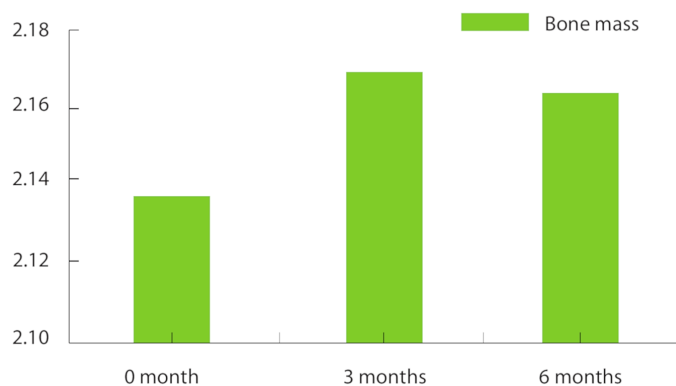
ADL = Difficulties in the Activities of Daily Living

Healthy Aging - Bone Health Support

A research¹ was performed in 2016 on 29 subjects affected by osteoporosis who were aged between 55 and 79. Volunteers were treated for a period of 6 months. Statistically significant results on bone mass and generalised pain were observed at the end of the study.

Graphic 4

Improvement of Osteoporosis in Postmenopausal Women (Changes in Bone Mass)





Product Range

Ingredient	Active Content	Molecular Weight	Grade	Mesh Size
HAPLEX Plus	Min 95% Sodium Hyaluronate (HA)	0.2 – 0.6 MDa	Powder	< 60 mesh
HAPLEX Plus	Min 95% Sodium Hyaluronate (HA)	1.0 – 1.5 MDa	Powder	< 80 mesh

Product Applications

HAPLEX® Plus is suitable for softgels, hard capsules and tablets. High Molecular weight is used primarily for Joint Health Support and Low Molecular weight is used for Beauty Within.

Product Dosage

All clinical studies featured in this product profile sheet demonstrate benefits at daily doses of 100 mg and 150 mg.

About



Bloomage Biotech is the largest Sodium Hyaluronate manufacturer in the World. With more than 20 years' experience, Bloomage Biotech has focused its efforts on R&D, production and sales of Sodium Hyaluronate (HA) across the World and offer pharmaceutical, cosmetic and food grades. HAPLEX® Plus is their scientifically proven HA food grade.

References

1. A&G Laboratories, (Spain) in collaboration with Bloomage Biotechnology Corporation Limited. Prospective Clinical Study. 2016. Unpublished.
2. Test Report JY-2408-269-HE-02 Shanghai JiaYou-High-Tech Co. on behalf of Bloomage Biotechnology Corporation Limited. 2025. Unpublished.
3. Sawako et al. Effects on Skin and Body by Oral Administration of Hyaluronic Acid Supplement: Randomized Clinical Trial. Anti-Aging medicine Japanese Society of Anti-Aging Medicine Vol.21 No.2 033. 2025.
4. A&G Laboratories (Spain) in collaboration with Bloomage Biotechnology Corporation Limited. Prospective Clinical Study 2015.

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