

HyActive

Very low molecular weight hyaluronic acid
10 — 150 kDa



ECOCERT



CHINA COMPLIANT



COSMOS



MICROBIOME FRIENDLY

INCI: SODIUM HYALURONATE



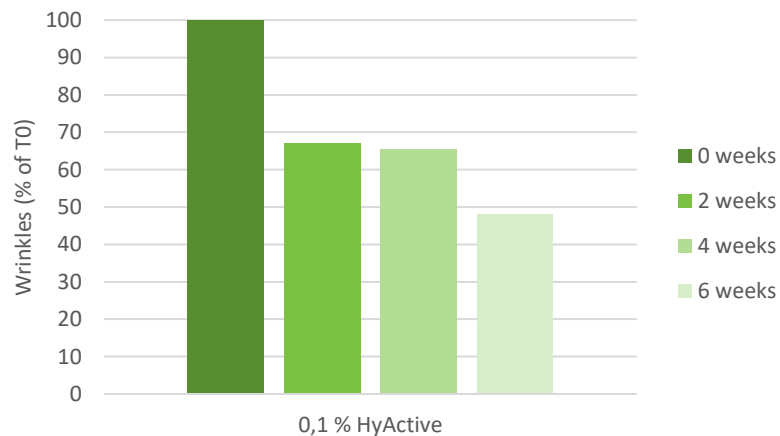


WRINKLE REDUCTION

52%

REDUCTION OF WRINKLES

In vivo study by Contipro



HYA (0,1%) in emulsion, Temple area, 6 volunteers.
Wrinkles determined by 3D LifeViz camera

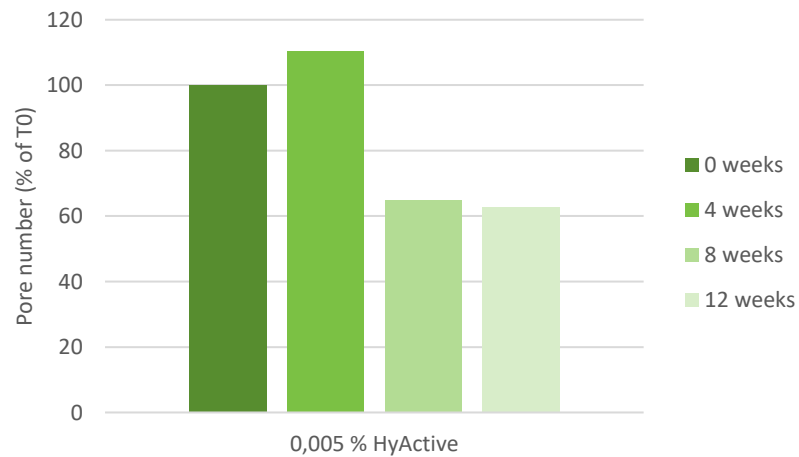


TEXTURE IMPROVEMENT

37%

REDUCTION OF VISIBLE SKIN PORES

In vivo study by Contipro



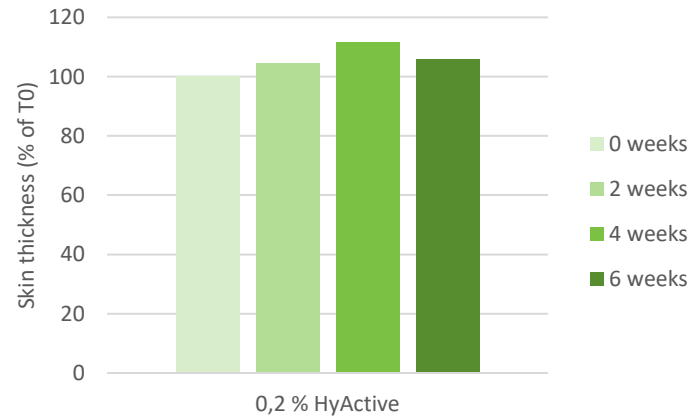
HYA (0,005%) in emulsion, cheek area, 8 volunteers.
Visible pores number determined by VisioFace

SKIN
THICKNESS

12%

INCREASE
IN THE SKIN THICKNESS

*In vivo study by
Contipro*



HYA (0,2%) in emulsion, face, 55 volunteers.
Epidermal thickness determined by
Vivascope 3000

Before



Wrinkle reduction after 8 weeks
of daily treatment with 0,005% HyActive



Additional advantages of HyActive

- * Effectively penetrates the skin
- * Fights skin atrophy
- * Has calming effect, reduces erythema
- * Moisturizes the skin and improves its barrier function
- * Stimulates production of collagen and body's own hyaluronic acid
- * Improves the size and number of dermal papillae
- * Supports desquamation
- * Supports skin microbiome



Production of HA in Contipro

SUSTAINABLE BIOTECH PRODUCTION

Our HA is made by fermentation of a non-haemolytic microbial strain *Streptococcus equi*.

ENVIRONMENTAL FRIENDLY

Everything we make is biodegradable. We have our own solar power plant and wastewater treatment plant. Our buildings are heated with residual energy from our production operations.

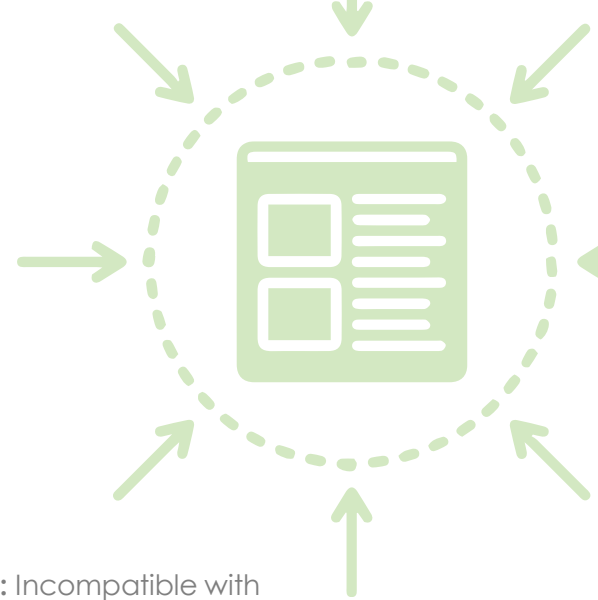
NATURAL PRODUCT

Contipro's HA has natural index 1 (according to ISO 16128-1:2016 and 16128-2:2017)



HyActive: Collected technical data

- **INCI name:** Sodium Hyaluronate
- **Supplied form:** powder
- **Samples:** 1 g
- **Minimal ordering quantity:** 1 kg
(If ordering smaller quantities, price can increase due to handling fees)
- **Recommended concentration in final products:**
0.01 – 0.1 % of powder
(safety tests up to 2%)
- **Shelf-life:** 24 months
- **Source:** fermentation of a non-hemolytic microbial strain *Streptococcus equi*.
- **Compatibility and processing:** Incompatible with cationic substances, e.g. quaternary polymers and proteins. Recommended temperature for heating is 45–50 °C. It is also possible to heat the solution to higher temperatures like 70 °C for short time. Decreasing of molecular weight can occur. Extreme heating at the temperatures higher than 70 °C for long time can cause changes in molecular weight.
- **Solubility:** Fully soluble in water. Speed of dissolving depends on molecular weight. It is also soluble in a mixture of ethylalcohol, isopropylalcohol propylene glycol and butylen glycol with water up to ratio 1:1. Insoluble in solvents which are non-miscible with water.



Who We Are

*World leader in research
and manufacturing
of hyaluronic acid.*

*Innovator in biotechnologies
since 1990.*

*Reliable partner of **successful
brands.***



We Are Here to Help You

ZUZANA JENÍKOVÁ

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for active ingredients*

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