

OligoHyaferre

Hydrolyzed Sodium Hyaluronate
MW < 5kDa



ECOCERT



CHINA COMPLIANT



COSMOS



MICROBIOME FRIENDLY

INCI: HYDROLYZED SODIUM HYALURONATE



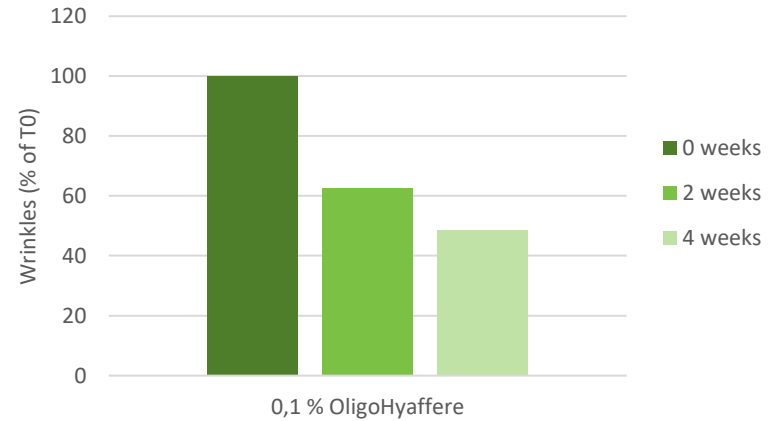


WRINKLE REDUCTION

51%

REDUCTION OF WRINKLES

In vivo study by Contipro



OH (0,1%) in emulsion, forehead, 6 volunteers.
Wrinkles depth determined by 3D LiveViz camera

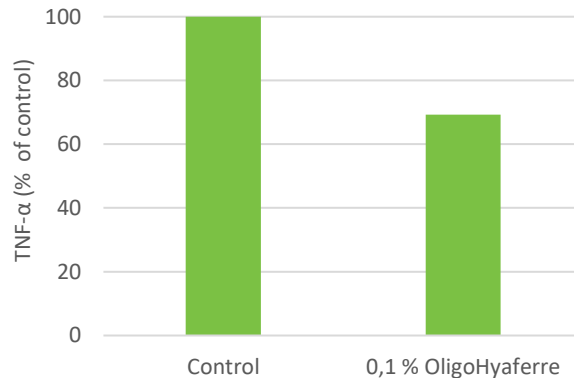


ANTI
INFLAMMATORY

31%

REDUCTION
OF TNF- α PRODUCTION

In vitro study by
Contipro



OH (0,1%), NDHF, ELISA
Reduction of TNF- α production after 24 hours

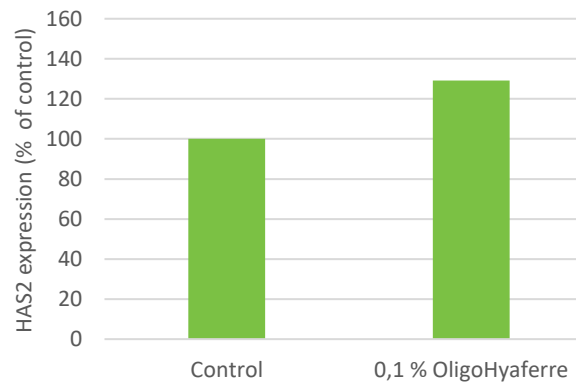


HYALURONAN SYNTHESIS

29%

INCREASE
OF HYALURONAN
PRODUCTION

In vitro study by Contipro



OH (0,1%), NDHF, qRT PCR
Increase in HAS2 expression after 24 hours

Before



Reduction of redness after 8 weeks
of daily treatment with 0,005% OligoHyaferte



Additional advantages of OligoHyaferre

- * Skin elasticity improvement and wrinkle reduction
- * Supporting formation of new blood vessels for the skin nourishing
- * Stimulation of endogenous hyaluronic acid production
- * Skin calming
- * Long-term hydration and skin barrier improvement
- * Protection of extracellular matrix
- * Calming of irritated skin



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.

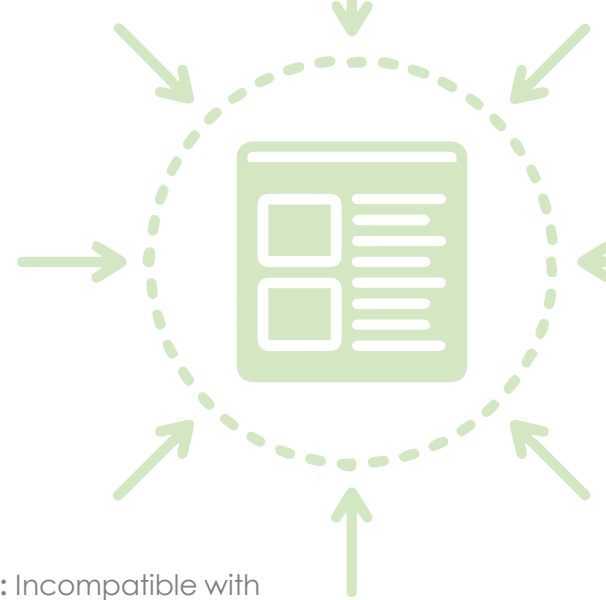
NATURAL PRODUCT

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



OligoHyaferre: Collected technical data

- **INCI name:** Hydrolyzed 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 1%)
- **Shelf-life:** 36 months
- **Source:** Prepared by acidic hydrolysis of high molecular weight sodium hyaluronate originally produced by fermentation.
- **Compatibility and processing:** Incompatible with cationic substances (polysaccharides, polymers, surfactants) and some nonionic surfactants (PEG 7 Glyceryl Cocoate and decylglucosid). Relatively stable, add to emulsion under 70 °C.
- **Solubility:** Soluble in water. Speed of solubilization is higher in comparison to high molecular weight hyaluronic acid and is influenced by agitation, temperature and ionic strength of solvent. Partially soluble in alcohol-water mixtures, where alcohol concentration is below 40%. Insoluble in non-polar solvents.



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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