

PHYCOJUVENINE – PHYCO ATO

OXYGENATES THE SKIN – REVITALIZES STEM CELLS
 GLOBAL ANTI-AGEING ACTION

PHYCOJUVENINE is a concentrate of Kombu. Global anti-ageing active ingredient, it reactivates the synthesis of energetic molecules, cellular respiration, and revitalizes dermal stem cells. Collagen synthesis is reactivated, wrinkles are smoothed and the skin is re-oxygenated.

IN-VIVO TEST: OXYGENATING/DETOXIFYING & ANTI-AGEING EFFECT OF PHYCOJUVENINE

Protocol of oxygenating/detoxifying test : 2 groups of 15 volunteers – 5% Phycojuvenine - measure of oxygen consumption and CO2 release on the surface of the skin 2H after a single application.

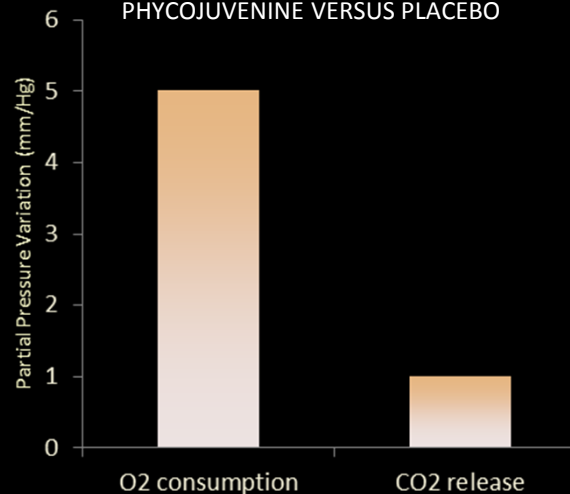
Protocol of anti-wrinkle test: 15 volunteers aged between 40 to 55 – 2% Phycojuvenine G – twice daily applications on the whole face for 28 days.

Phycojuvenine has a global anti-ageing efficacy.

- Decreases in wrinkle depth by -6%* on average and up to -15% after 28 days.
 - It reactivates skin oxygenating and detoxifying process within 2H.
- Skin breathes and eliminates toxic agents for a revitalizing effect on the complexion.
 (*p<0.5 Student test).



OXYGENATING AND DETOXIFYING EFFECT OF PHYCOJUVENINE VERSUS PLACEBO



DESCRIPTION OF PHYCOJUVENINE

Phycojuvenile is extracted from the brown seaweed *Laminaria digitata*, also called oarweed, or "fouet des sorcières" in France and "Kombu" in Japan. The high polyol content of the alga gives our active ingredient an energetic potential for skin cells.

IN-VITRO TEST : PHYCOJUVENINE REACTIVATES CELLULAR OXYGENATION

Tested on human keratinocytes cultures, Phycojuvenile stimulates cellular respiration up to 24%** . This favors the revitalization of skin cells.

**p<0.01 Student test

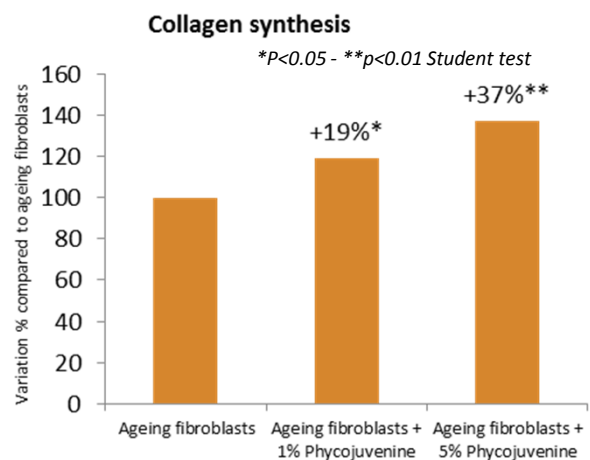
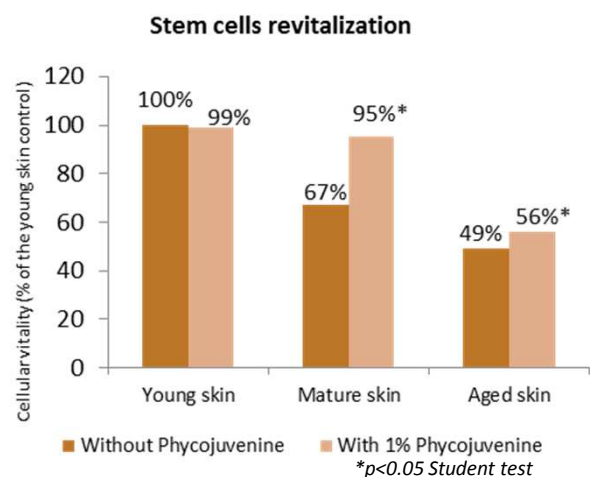
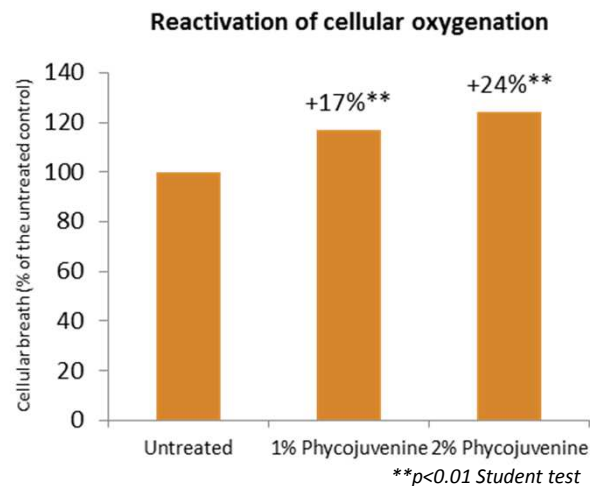
IN-VITRO TEST : PHYCOJUVENINE REVITALISES DERMAL STEM CELLS

Tested on cultures of adult dermal stem cells, at different ageing step, Phycojuvenile shows a revitalizing action. This action favors the renewal of fibroblast population in the dermis and thus an increase in the number of young fibroblasts. This revitalizing action of dermal stem cells can also support the use of Phycojuvenile for the multiplication of eyelashes.

IN-VITRO TEST : PHYCOJUVENINE REACTIVATES COLLAGEN SYNTHESIS

Tested on human dermal fibroblasts, Phycojuvenile increases collagen synthesis. This action favors the decreases of wrinkles depth and provides a firming effect.

PHYCOJUVENINE RESTORES THE VITALITY OF AGEING ADULT STEM CELLS AND THEIR CAPACITY FOR DIVISION. DERMAL FIBROBLASTS ARE REJUVENATED, COLLAGEN SYNTHESIS IS IMPROVED. WRINKLES ARE FILLED AND DISAPPEAR.



CODIF
R&N

INCI

PHYCOJUVENINE G

Glycerine (and) Water (and) *Laminaria digitata* extract

PHYCO ATO

Maltodextrin (and) *Laminaria digitata* extract

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MAKE - UP ACTIVE INGREDIENT