



DEEP SKIN ACTIVATORS

Vegetal origin Hydrolyzed glycosaminoglycans (GAG) to improve the bioavailability and cosmetic activity of watersoluble actives

· **GLYCOHYAL LW**

Ecocert agreed actives



GLYCOHYAL LW

PURPOSE

Anti-ageing, surface and deep moisturizing (forerunner of hyaluronic acid)
Active ingredients penetration factor
Cellulitis treatment (draining interstitial liquids)

ORIGIN

Hydrolysis and physical processing from vegetable materials

INCI NAME

Glycerin, Hydrolyzed Glycosaminoglycans, Hyaluronic Acid

APPLICATIONS

Whenever a deep-penetrating active ingredient is needed
Creams, serums, moisturizing gels
Cellulitis treatment
Micro-circulation strengthening

FORMULATIONS

Hydrosoluble. Can be employed at both high and low temperature

ACTIVE MATTER

47%

RECOMMENDED DOSAGE

0,5-5%

GMO

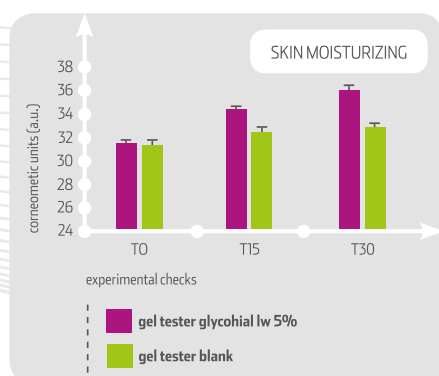
It doesn't contain GMO components or derivatives and is accepted by the main organic certification organizations



PROPERTIES AND CHARACTERISTICS

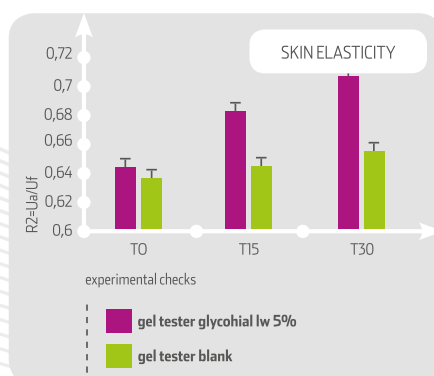
GLYCOHYAL LW is composed of Hyaluronic acid (about 10% on dry matter) and its forerunners, starting from 180 Da to 10'000 Da (1200 Da on average), obtained from vegetal origin raw materials. Due to the wide molecular weight composition GLYCOHYAL LW works on three skin levels: at fibroblasts level to make native Hyaluronic acid take care and prevent wrinkles formation; at epidermis and dermis level to maintain an optimal layer hydration and skin functionality; in corneous layer to reduce TEWL (Trans Epidermal Water Loss).

GLYCOHYAL LW is approved by the main Organic certification organizations to be used in organic cosmetic formulations.



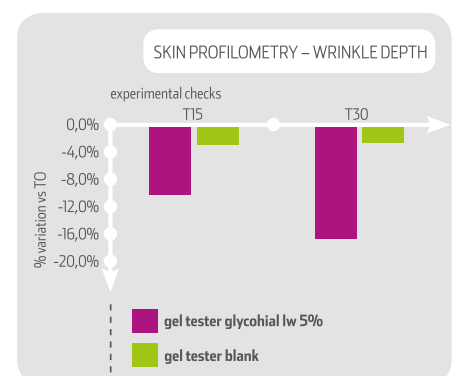
CONCLUSIONS

The test was conducted on 20 female subjects of different age.
The graphic shows that in 30 minutes the skin areas treated with GLYCOHYAL LW (5%) increase in hydration value of about 15% (corneometric units) in comparison with blank.



CONCLUSIONS

The test was conducted on 20 female subjects of different age. The graphic shows that in 30 minutes the skin elasticity ($R2=Ua/Uf$) increases of about 10% in comparison to blank.



CONCLUSIONS

The test was conducted on 20 subjects of different female age. The graphic shows that wrinkles depth (Skin profilometry) decreases of about 7% from T0 and T15 min.; and of about 14% from T0 and T30 min. after application of a gel tester (5% Glycohyal LW) in comparison to blank.

