

UTMF CERAMIDE III

THE BEST NATURAL PROTECTION

ceramide

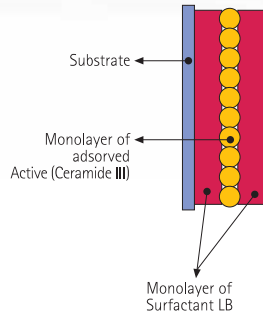
infinitec
ACTIVOS S.L.

UTMF CERAMIDE III

UTMF Ceramide III

What is it?

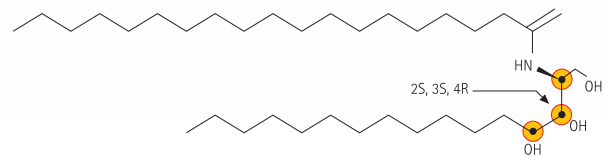
- It is based on the technique of self assembled mono-multilayers of polymers (organo-silicons) at nanometric scale that bond active ingredients.
- Infinitec have modified this technique in order to obtain Molecular Films that consist of "sandwiches" of active ingredients
- In this case our Molecular Film contains sandwiches of Ceramide III.



Composition and functions

Consist of:

- Non polar group (long chain of sphingoid base).
- Polar amino group.



Functions:

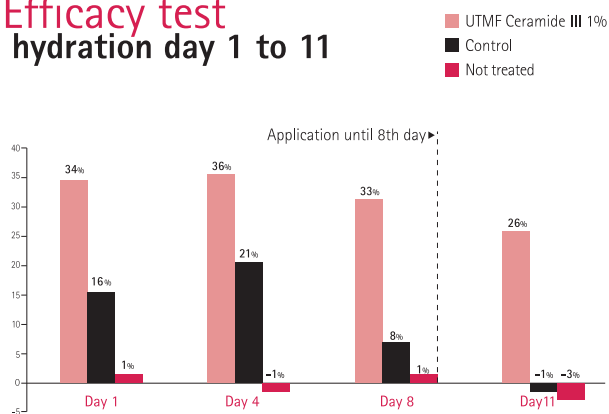
- Its amphiphilic structure allows the formation of bilayers
- These bilayers reduce drastically the permeability of the ceramides to H₂O.

Applications

- Reinforces the natural lipidic barrier in dried and aged skin.
- Improves hydration in the long run because it avoids hydration loses.
- Protects hair against external influences (UV rays, comb, mechanical properties).
- Repairs and protects damaged hair.

Efficacy test

hydration day 1 to 11

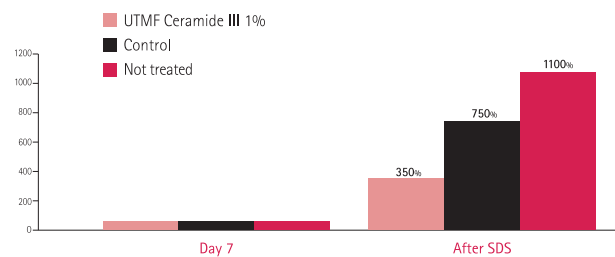


Dosage

Hair care 0,5 %
Skin care 1-3%

Efficacy test

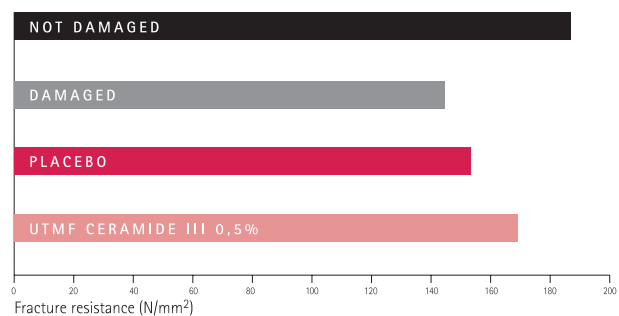
TEWL (transepidermal water loss)



- Tested areas were treated with an aqueous solution of 5% of SDS (Sodium Dodecyl Sulphate).

Efficacy test

hair care



- 8 washings with a solution of 6% of SLES.