

LACTOMIDE - for the effective protection
of the epidermal barrier.

Grüner & Brenneisen AG Basel



LACTOMIDE - high efficacy
due to its liposome form allows
optimized delivery to the lipid
barrier

LACTOMIDE -
contains bio-available
ceramides and
essential milk lipids

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CENTERCHEM, INC
NORWALK, CT, USA
203-822-9800
www.centerchem.com

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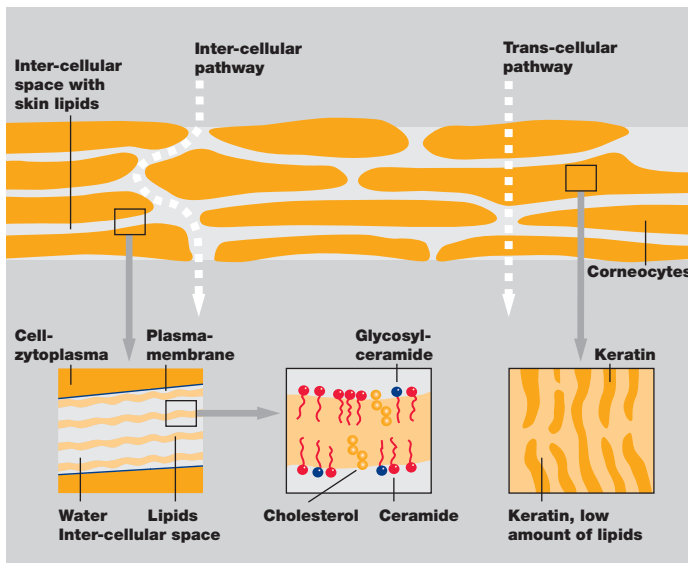


LACTOMIDE

LACTOMIDE enhances the regeneration of the epidermal barrier because of its unique composition of ceramides in a bio-available and non crystalline form as well as liposomes derived from essential milk.

Properties:

- Compensates for the reduction of **ceramides** caused by natural process of skin aging.
- Minimizes skin irritation.
- Nourishes the skin with essential **milk lipids**.



Function:

- Equilibrates Trans Epidermal Water Loss (TEWL).
- Slows down the skin aging process.
- Regenerates the stratum corneum.

Cosmetic applications:

- Anti-aging products.
- Treatment products for sensitive skin care.
- Skin protection and nourishing products.

Formulation:

LACTOMIDE should be processed below 60° C and can be incorporated in the water as well as the oil phase of a cosmetic formulation. **LACTOMIDE** is NOT compatible with ethanol.

Suggested concentration:

2-5% **LACTOMIDE**

INCI Name:

Milk lipids, Ceramide 3

Efficacy Tests

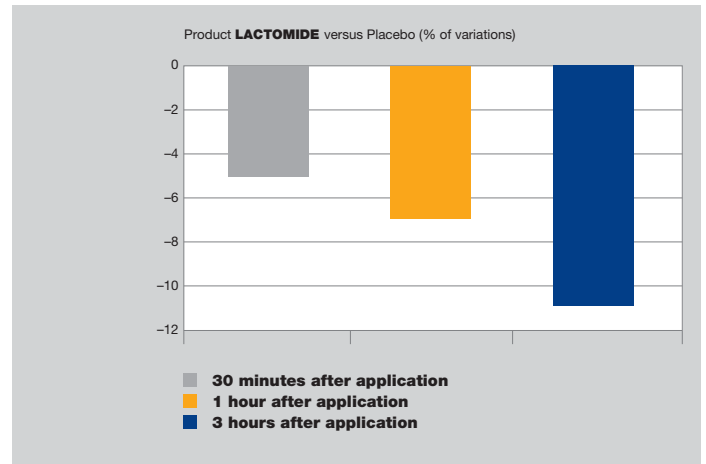
In-vivo tests:

The efficacy of **LACTOMIDE** was demonstrated by several *in-vivo* tests:

1. Evaporimeter study:

-11% TEWL

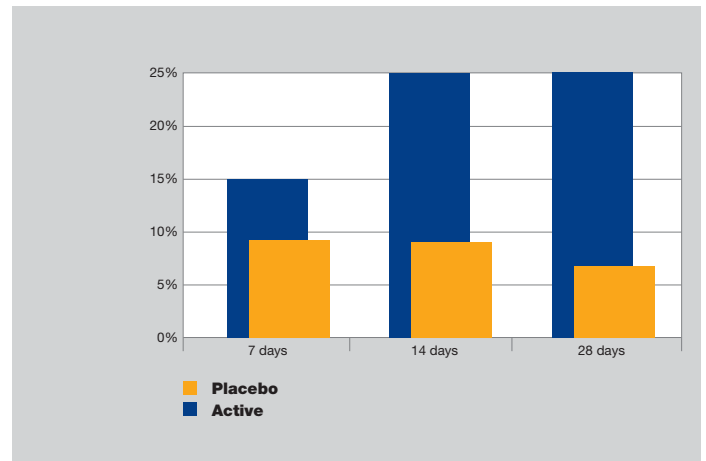
The reduction of TEWL strengthens the epidermal barrier and, thus, the skin maintains its hydration level.



Decrease of the Trans Epidermal Water Loss in %

2. Corneometric study:

+25% in the skin's water-retaining capacity.



Increase of the water-retaining capacity in %

LACTOMIDE improves the constitution and structure of the lipid lamellae.