

Meadowestolide®

A Meadowfoam Derivative for Lip Barrier Repair and Moisturization

INCI: Meadowfoam Estolide

INTRODUCTION

Lips contain a special, non-hairy thin stratum corneum layer which acts as a transition between the mouths mucous membrane and the vermilion border.

- 1-2 stratum corneum layers
- Moisturized by tongue licking
- Barrier damage by environmental influences
- Protection is needed to prevent dry and chapped lips

EFFICACY DATA

Objective: Compare the difference in moisturization between a lipstick containing MEADOWESTOLIDE® and the control without MEADOWESTOLIDE®.

Participants: 13 Female subjects, age 40-63 years old, with mild to moderately dry lips.

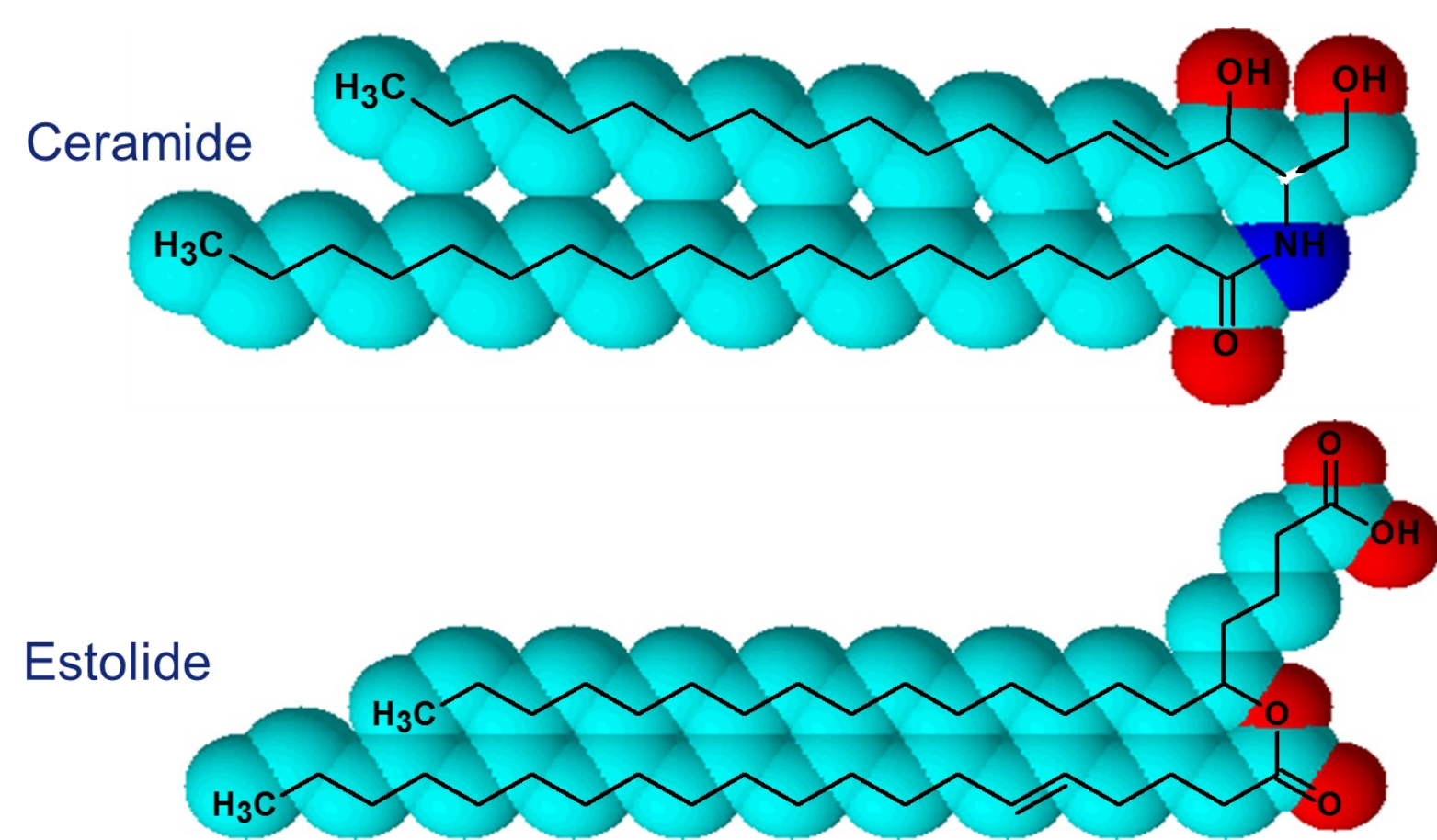
Test Materials: Lipstick with and without 3% MEADOWESTOLIDE®

Instrumentation: Corneometer CM 825 PC

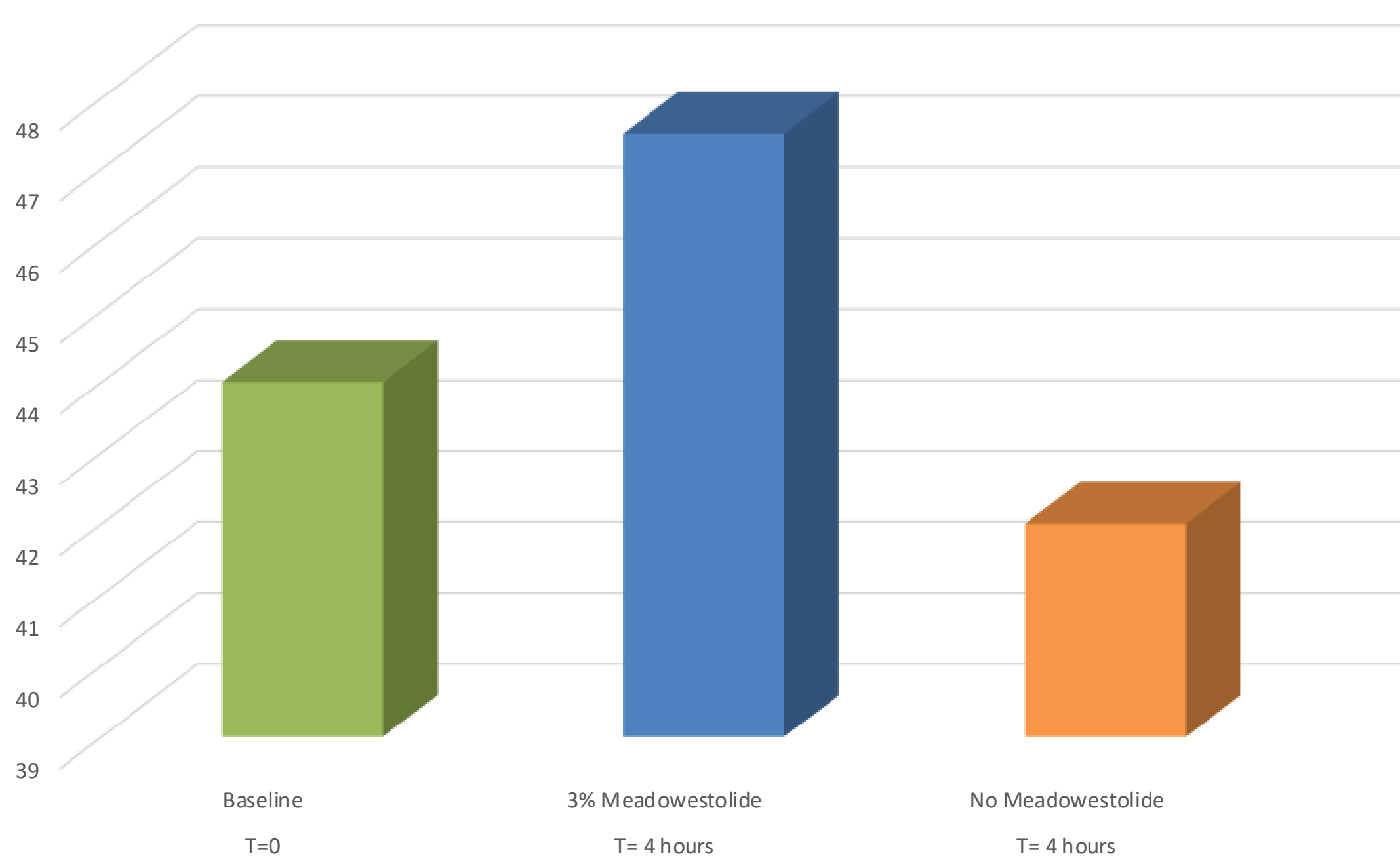
Method: Testing was carried out in an environmentally controlled room at 21°C and 40 % relative humidity.

- Three Corneometer measurements were taken in the middle of the right upper lip and the middle of the left upper lip. Average values were calculated to establish a baseline reading.
- The lipsticks were applied to the appropriate test sites and after 4 hours Corneometer measurements were taken.

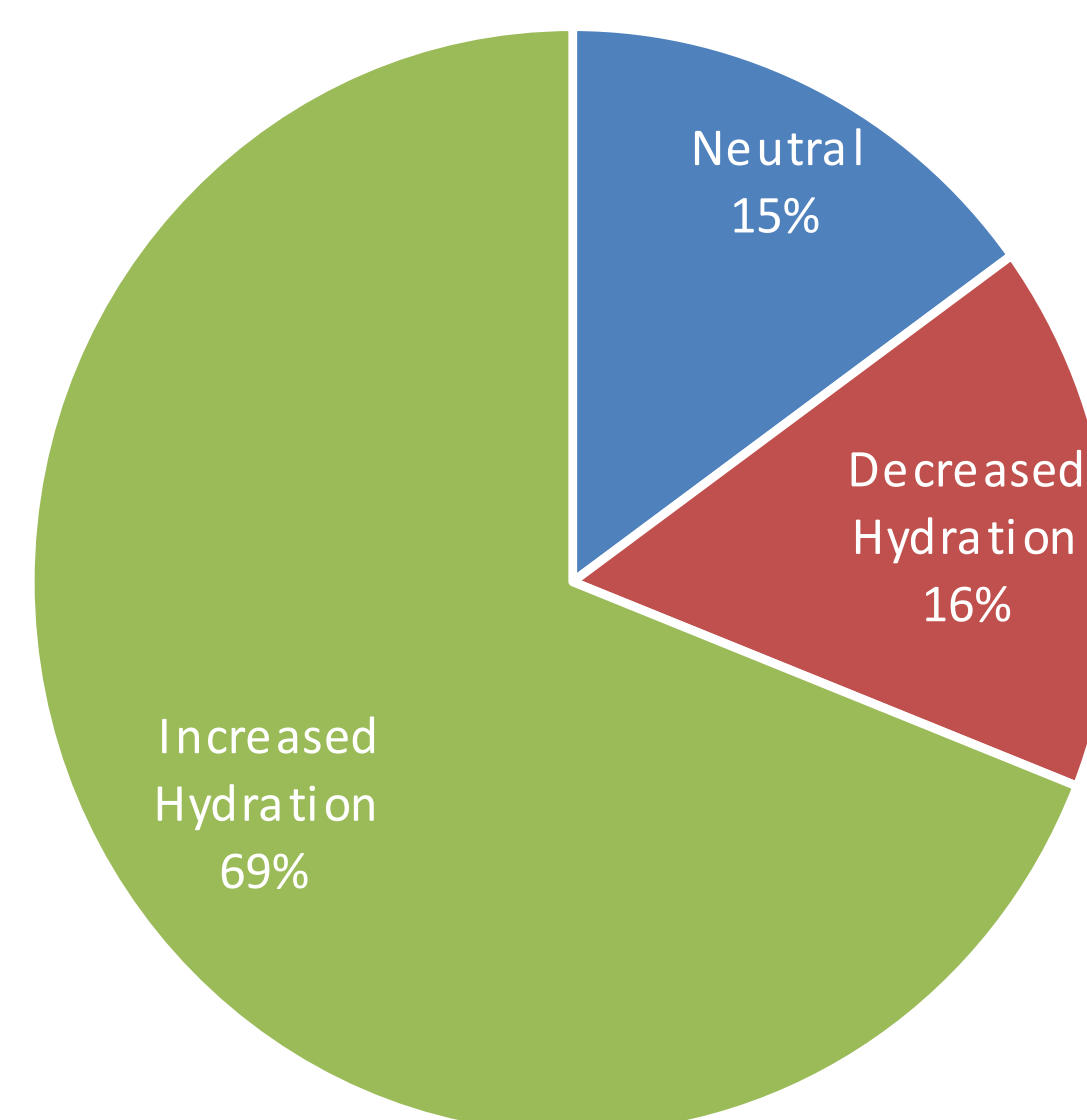
Structural comparison with Ceramide III B



Normalized Average Lip Moisturization



Population Statistics: Moisturization difference of a lipstick with MEADOWESTOLIDE® compared to the control without MEADOWESTOLIDE®



ELEMENTIS
SPECIALTIES

Pure In Cosmetics