

BEAUTÉ BY ROQUETTE® DE 006

Microbiome-Friendly Soothing Agent



INCI: Dextrin

ORIGIN: Corn starch*

USE LEVELS: 2% to 5%

FORMULATION: water soluble

APPLICATIONS: all cosmetic products



Reduces pro-inflammatory marker IL-1 α



Reduces TEWL induced by chemical and mechanical aggression



Significantly reduces redness after only 10 minutes



Helps to soothe skin and scalp



Preserves the diversity of the skin microbiota



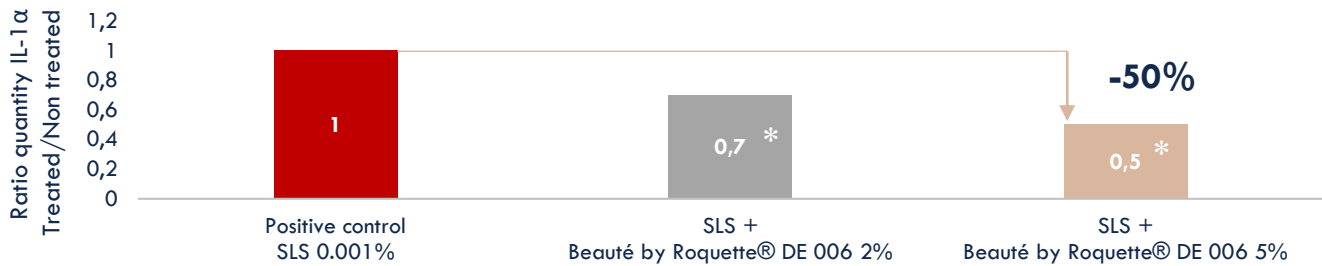
Certified: 03/2022
www.MyMicrobiome.info



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STEP 1: SIGNIFICANTLY REDUCES PRO-INFLAMMATORY MARKER IL-1α

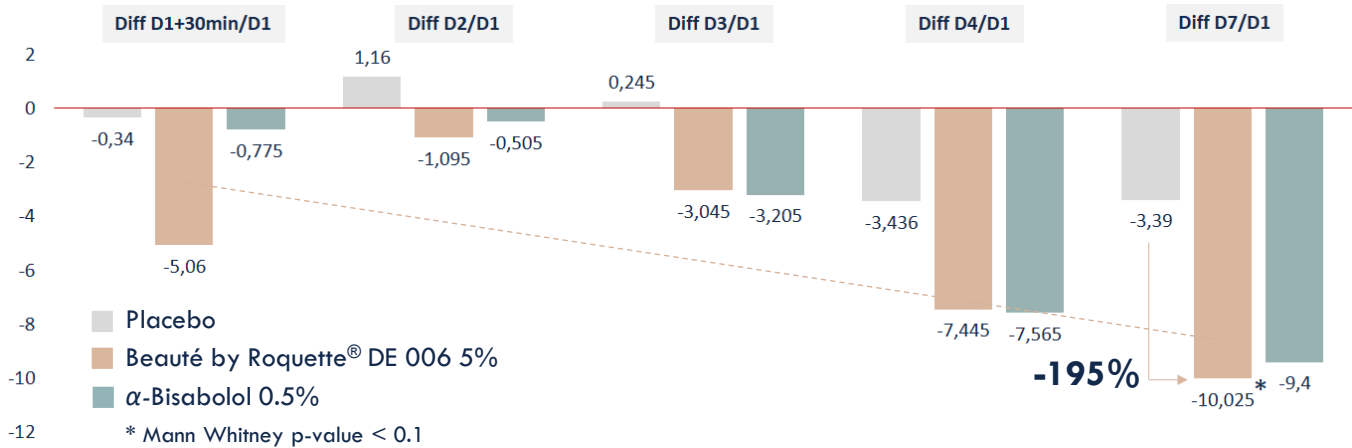
Evaluation of the soothing effect of Beauté by Roquette® DE 006 at 2% and 5% on keratinocytes (2D): First, a positive control with 0.001% (sub cytotoxic concentration) of SLS (Sodium Lauryl Sulfate) is applied for 6 h. Then, the product is applied 20 hours and we measured the IL-1 α expression after 26 hours.



*Significant difference versus SLS 0.001 % (ANOVA then multiple comparison Dunnett, p value<0.05)

STEP 2: SIGNIFICANTLY DECREASES TRANS EPIDERMAL WATER LOSS

- Beauté by Roquette® DE 006 at 5% (in vivo, 60 volunteers, Male with sensitive skin, SLS patches test):
- **Protects the skin from TEWL after application** due to a substantive layer on skin and impact on IL-1 α.
 - **Significantly reduces TEWL** versus placebo after 7 days.
 - Helps to maintain **an efficient skin barrier function allowing to retain skin hydration**.



STEP 3: SIGNIFICANTLY DECREASES SKIN REDNESS

- Beauté by Roquette® DE 006 at 5% (in vivo, 60 volunteers, Male with sensitive skin, SLS patches test):
- **Significantly reduces redness vs α-bisabolol after 10 minutes**
 - **Significantly reduces redness after 30 minutes and 7 days vs placebo**

