

# PROBIOTIC SERUM

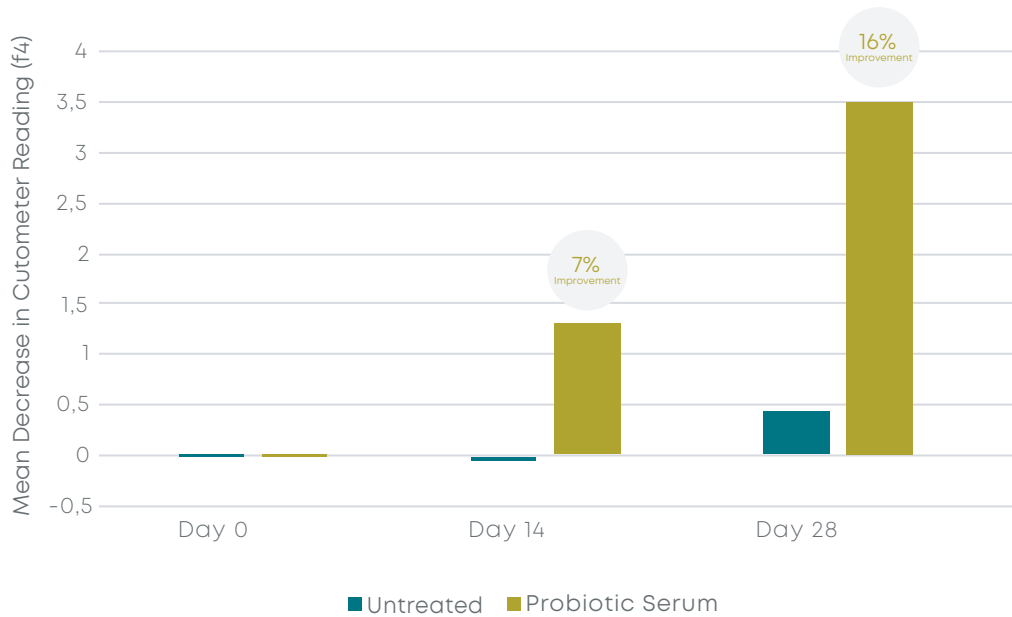
## BONN RESULTS

The Probiotic Serum delivers its most notable benefits with three species of live Lactobacillus probiotics. These are stabilised in a Jojoba Oil base and are activated when exposed to the water on the skin's surface. Jojoba Oil contains fatty acids and wax esters that mimic sebum composition and provide a nutrient source for beneficial skin microbes. All three Lactobacillus species in the Serum have been shown to: improve barrier function by increasing the quantity and quality of tight-junctions; protect from pathogens by secreting antimicrobial peptides (AMPs) and by competitive exclusion; and attenuate inflammatory responses by reducing production of inflammatory cytokines, and/or by downregulating the expression of matrix metalloproteinases (MMPs).



## Skin Firmness

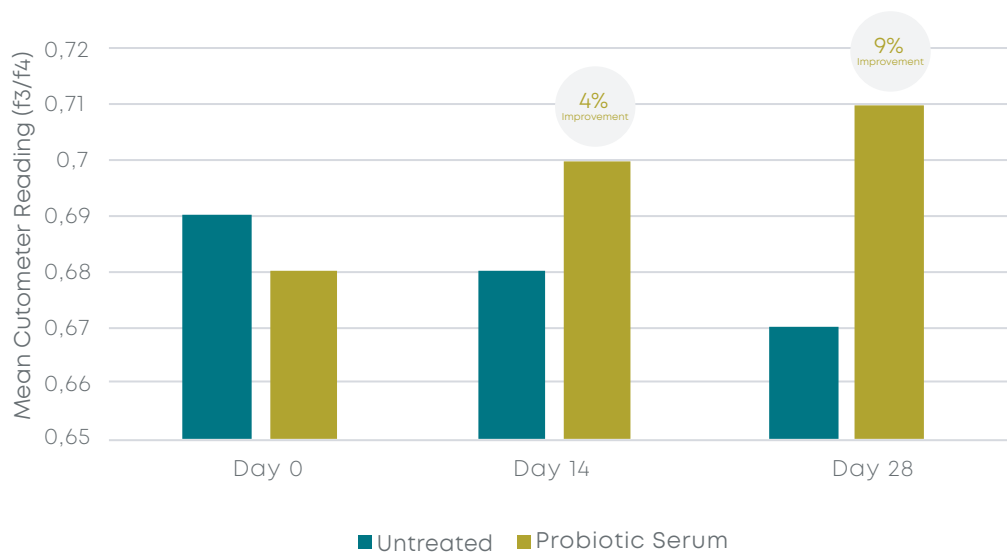
Esse Probiotic Serum **increases skin firmness by 16%** in 28 days.



20 women (average age 47.4 yrs) applied Probiotic Serum twice daily. After 14 days, skin firmness had increased by an average of 7.2%. After 28 days, skin firmness had increased by an average of 16.1%. A positive effect was seen in 100% of the volunteers.

## Skin Elasticity

Esse Probiotic Serum **increases skin elasticity by 9%** in 28 days.



20 women (average age 47.4 yrs) applied Probiotic Serum twice daily. After 14 days, skin elasticity had increased by an average of 4.4%. After 28 days, skin elasticity had increased by an average of 8.6%. A positive effect was seen in 85% of the volunteers.