

PROBIOTIC SERUM

BONN RESULTS

The Probiotic Serum delivers its most notable benefits through four live species* of probiotics that actively target key drivers of accelerated skin ageing. These microbes are stabilised in a Jojoba Oil base and become metabolically active upon contact with moisture on the skin's surface. Jojoba Oil, rich in fatty acids and wax esters that closely mimic the composition of human sebum, provides a supportive environment and nutrient source for beneficial skin microbes.

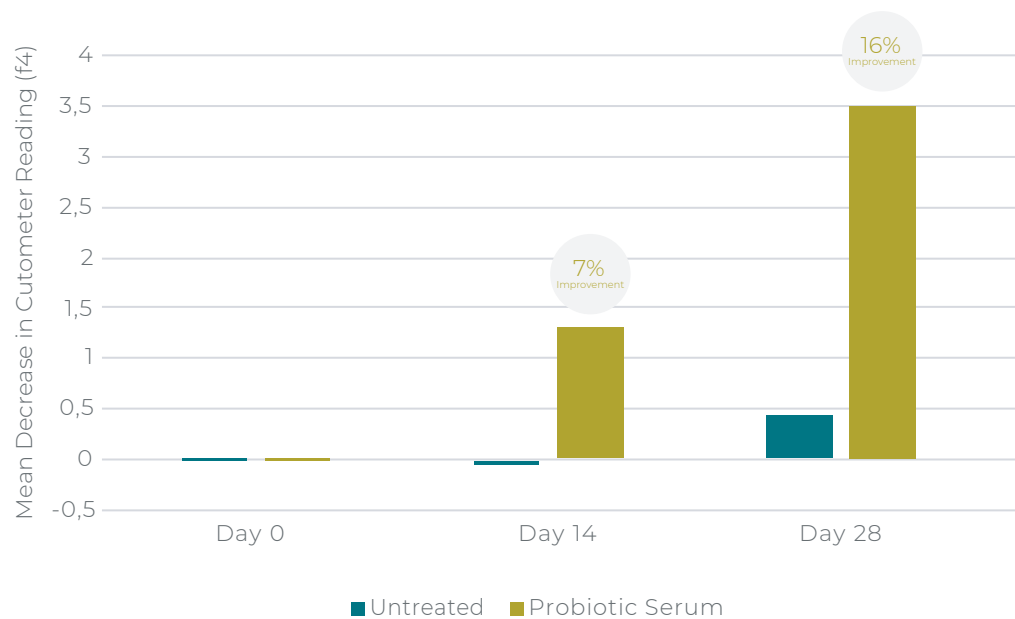
The four species, present at 1 billion CFU/ml, have been shown to improve barrier function by enhancing the quantity and integrity of tight junctions; increase hydration through the stimulation of natural moisturising factors and short-chain fatty acids; protect against pathogenic organisms through the secretion of antimicrobial peptides and competitive exclusion; and modulate inflammatory responses by reducing pro-inflammatory cytokine production and downregulating matrix metalloproteinase activity.

* *Lactobacillus rhamnosus*
Lactobacillus acidophilus
Lactobacillus plantarum
Bacillus coagulans



Skin Firmness

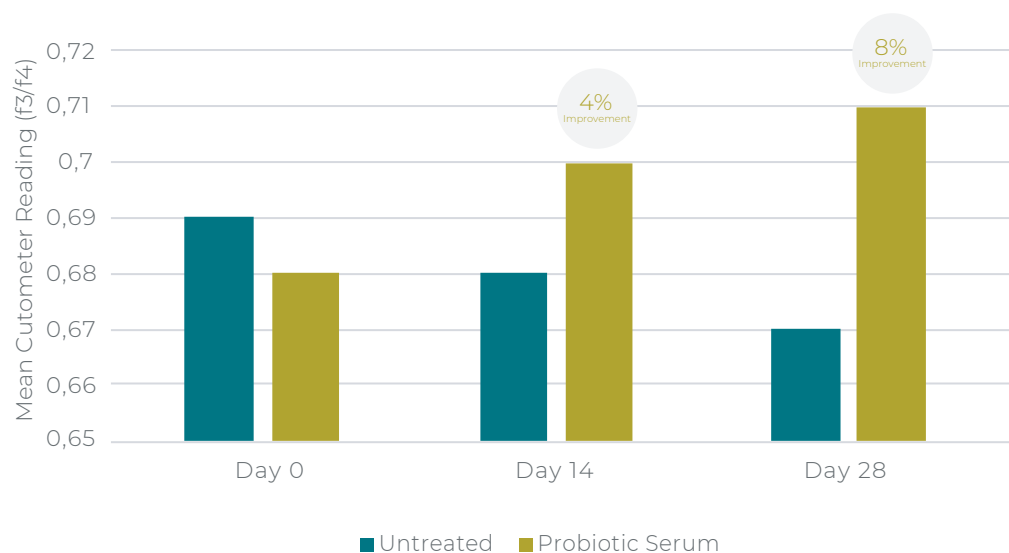
Esse Probiotic Serum **increases skin firmness by 16%** in 28 days.



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

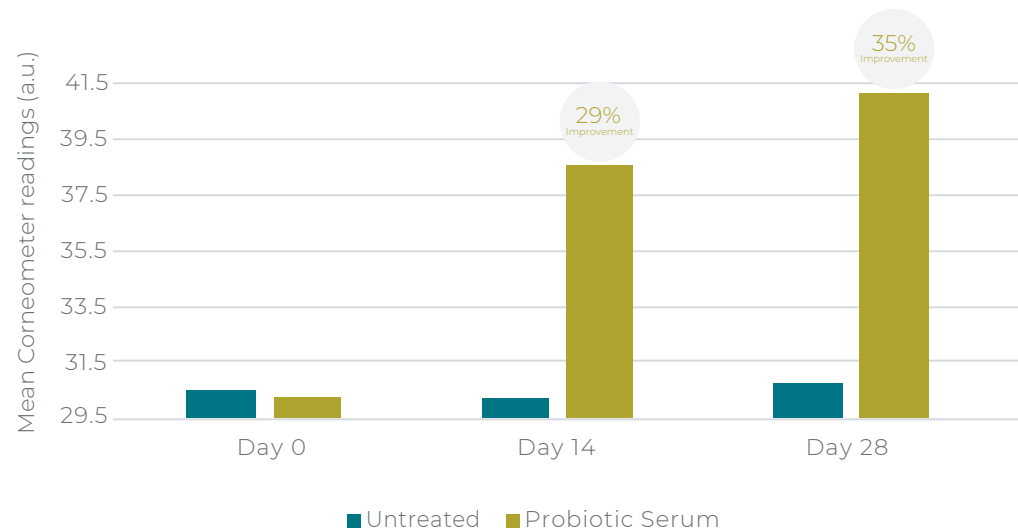
Esse Probiotic Serum **increases skin elasticity by 8%** in 28 days.



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.

Skin Hydration

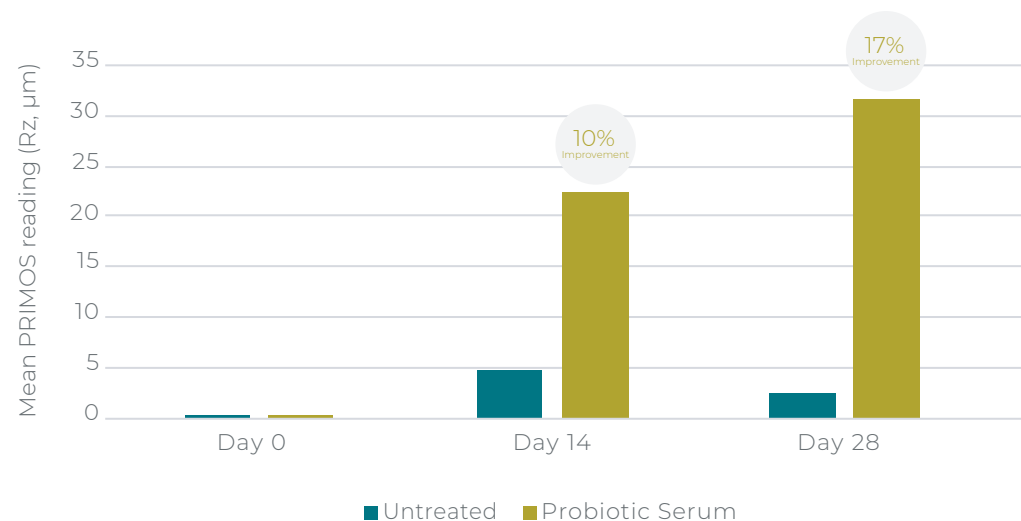
Esse Probiotic Serum **increases skin hydration by 35%** in 28 days.



The test product was found to produce a statistically significant increase in skin hydration. After 28 days of treatment, a mean increase by 35.9% was observed and a positive effect of the test product was detected in 100% of the volunteers. Results from 20 women (average age 48.5 yrs) applying Probiotic Serum twice daily.

Skin Texture

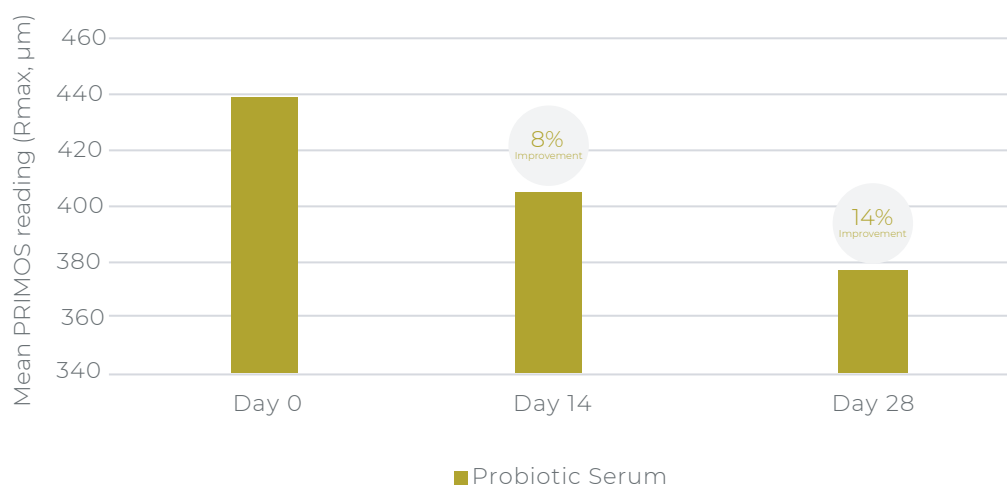
Esse Probiotic Serum **smooths skin texture by 17%** in 28 days.



The test product was found to produce a statistically significant increase in smoothness. Mean increases in smoothness of 10.1% after 14 days and 17.1% after 28 days were observed and a positive effect of the test product was detected in 95% of the volunteers. Results from 20 women (average age 48.5 yrs) applying Probiotic Serum twice daily.

Wrinkle Depth

Esse Probiotic Serum **reduces wrinkle depth by 14%** in 28 days.



The test product was found to produce a statistically significant decrease in wrinkle depth. After 28 days of treatment, a mean decrease by 14.6% was observed and a positive effect of the test product was detected in 95% of the volunteers. Results from 20 women (average age 48.5 yrs) applying Probiotic Serum twice daily.