

*EVOLVED BY NATURE

Activated Silk™

33B-α

INCI: SOLUBLE FIBROIN



The barrier peptide that goes where ceramides and petrolatum cannot.



A water soluble and non-occlusive peptide means greater efficacy in formulations

Significantly reduces the appearance of redness in as little as 7 days

Advances the appearance of healthy skin by supporting the **natural** production of Claudin-1

Reduces the appearance of fine lines and wrinkles

Clinically proven to support skin health and reduce the signs of aging

Improves skin moisture barrier and integrity

Significantly reduces TEWL in as little as 7 days

Effectively delivers in rinse-off formulations



**Upcycled.
Natural.
Powerful.**

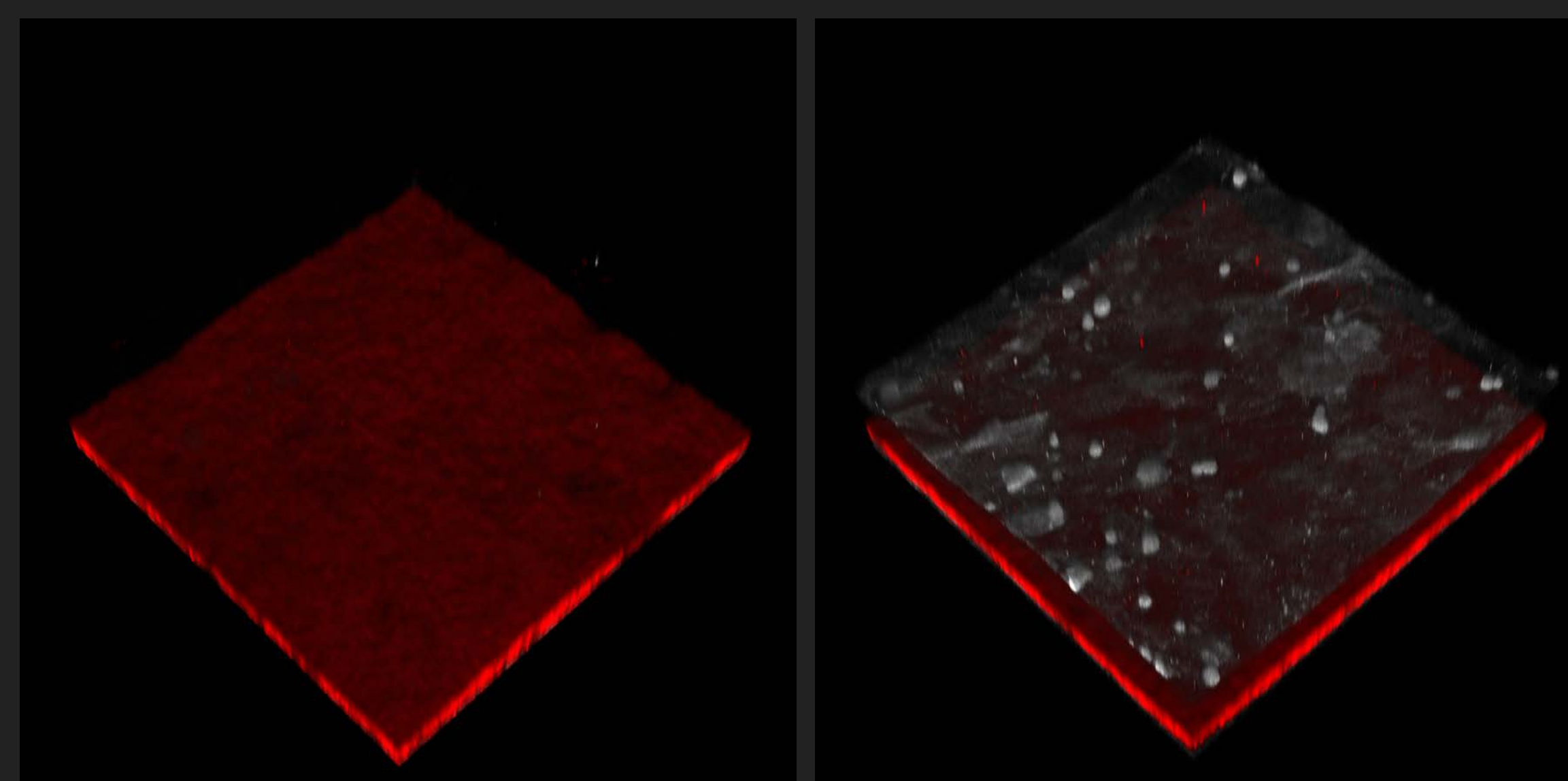
- NATRUE (100% natural) approved*
- Made from upcycled materials
- Biodegradable
- Made from a renewable resource
- Supports a circular economy
- Not formulated with petrochemicals
- Activated Silk™ is a sustainable technology platform**
- Non-gmo, cruelty free
- Made with renewable energy

*Activated Silk™ peptides are naturally derived. For more info on NATRUE approvals, visit www.natrue.org. **Activated Silk™ as an environmentally responsible technology developed with good work practices, which contributes to achieving U.N. Sustainable Development Goals. For info, visit <https://sdgs.un.org/goals>.

The peptides stay on when the suds rinse off.

Activated Silk™ 33B-α is a water soluble peptide that works in formulations where synthetic ingredients cannot. And because it remains on the skin after rinsing, it can be effectively delivered in rinse-off formulations like soaps and cleansers.

3D Skin Model Retention Study (In-Vitro)



PRE-WASH: WITHOUT ACTIVATED SILK™ 33B-α

POST-WASH: ACTIVATED SILK™ 33B-α 2% WITH CAPRYL GLUCOSIDE

- SKIN MODEL TISSUE
- ACTIVATED SILK™ 33B-α

Scientifically developed for safety.

- Safe for use on skin
- Non-sensitizing
- Safe for topical use
- Safe for use around eyes
- Hypoallergenic
- Non-toxic, non-carcinogenic, non-mutagenic

Pioneers in natural peptide discovery.

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Better Results

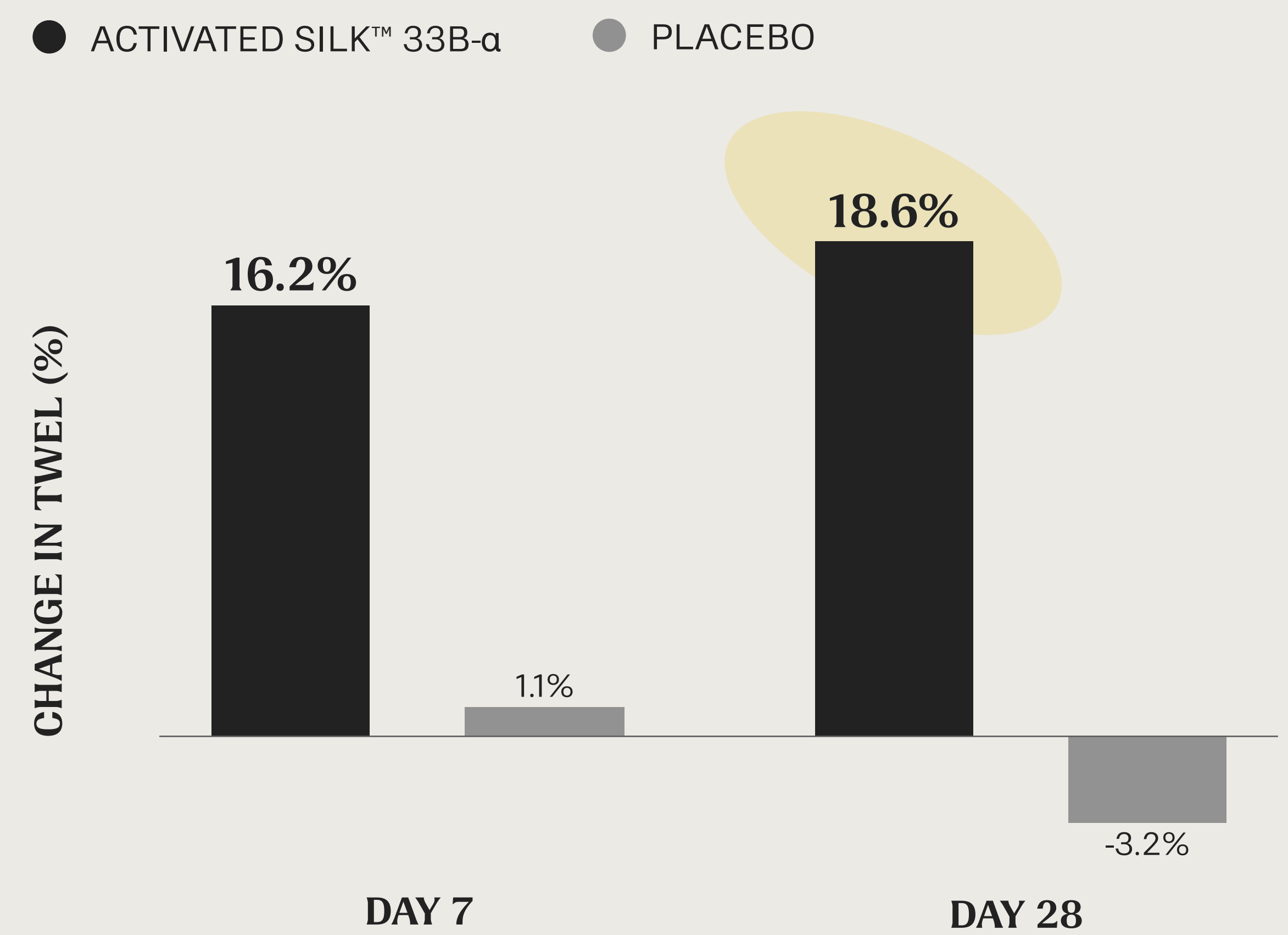
1. TEWL

Significant reduction in TEWL (transepidermal water loss) in as little as **7 Days**

Head-to-Head Clinical Study

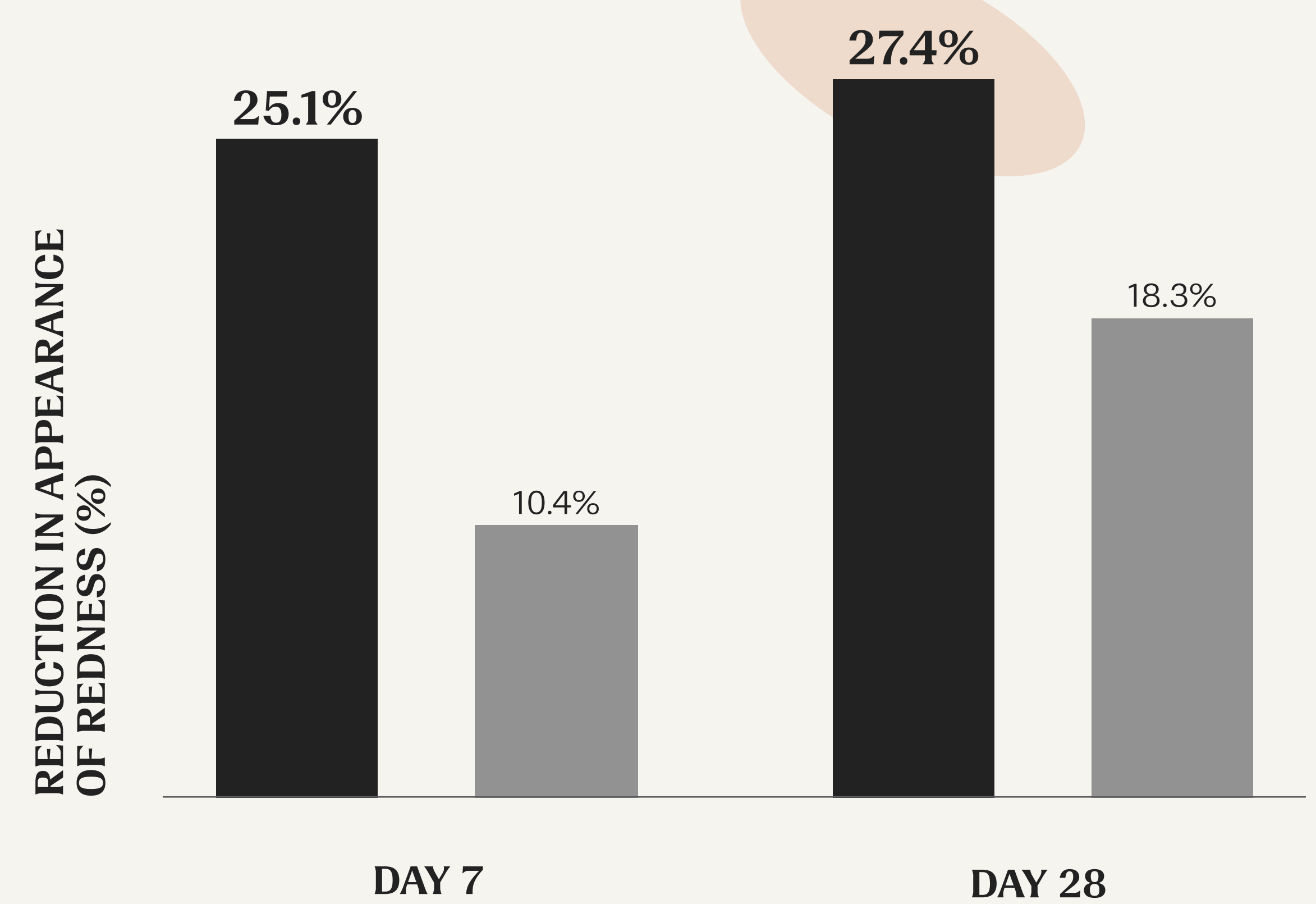
EXPERT GRADED

Activated Silk™ 33B-α vs Placebo



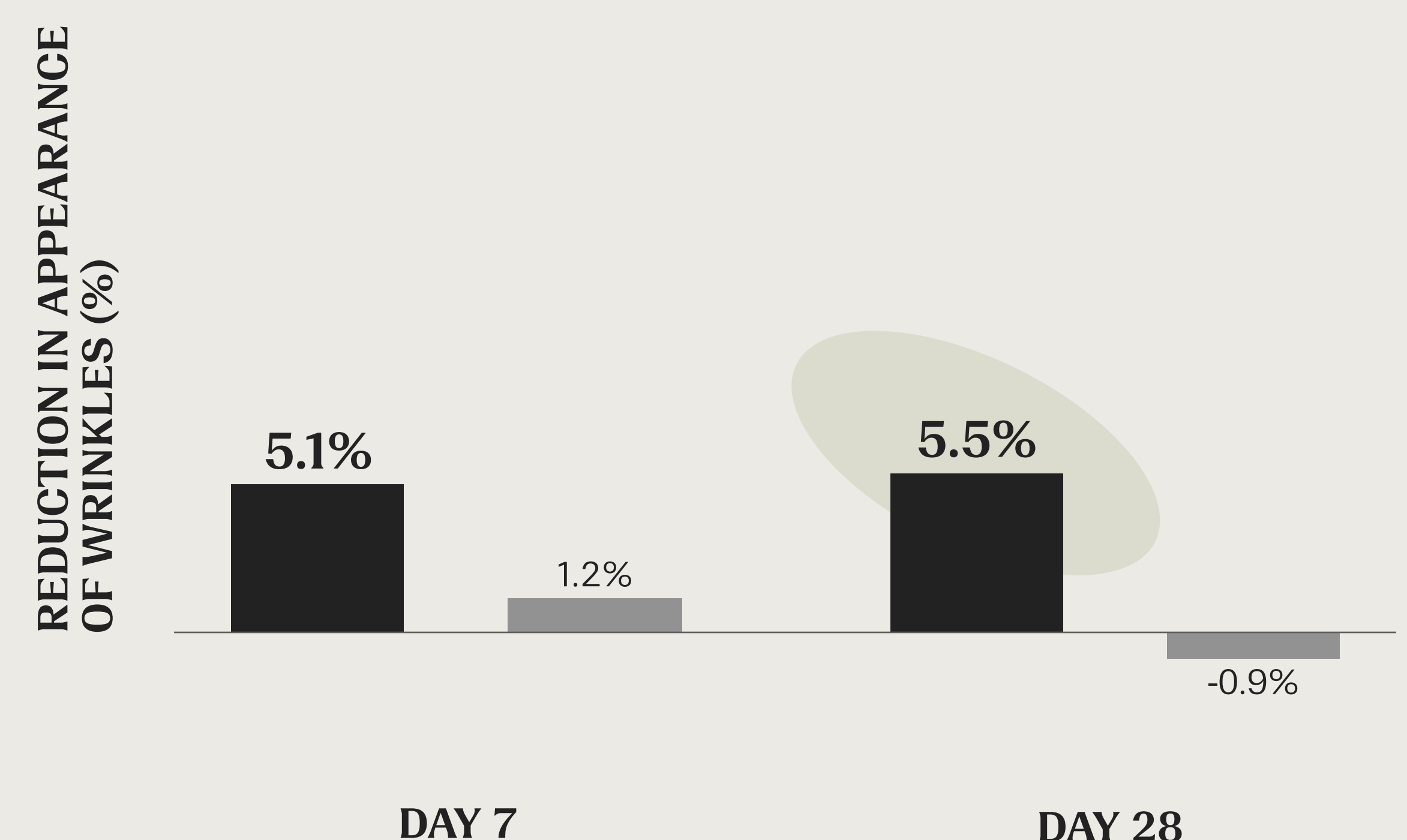
2. Redness

Appearance of redness was significantly reduced in as little as **7 Days**



3. Wrinkles

Reduction in appearance of wrinkles in as little as **7 Days**



Pioneers in natural peptide discovery.

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