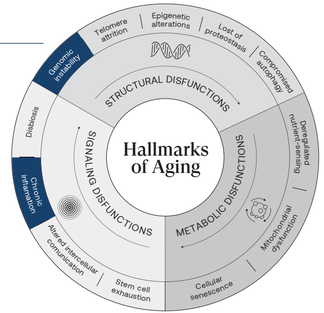
PEPTIDE [RETI-V]
It acts on two key aspects of skin ageing:

Genomic instability

Incorporates antioxidant ingredients, which help neutralise reactive oxygen species (ROS), the main cause of damage to cellular DNA.

Chronic inflammation

It acts on mediators, helping to reduce persistent inflammation induced by stress and cortisol.



By modulating the stress-oxidation inflammation responsible for cellular deterioration.

Cortisol, sleep and skin function[1,2,3]:

Restful sleep: deep sleep

Promotes:

01_ Lower cortisol levels

02_ A favourable physiological environment

03_ Skin recovery and repair

Non-restorative sleep: fragmented / insufficient sleep

Consequences:

01_ Cortisol imbalance

02_ Sustained activation of the stress axis

03_ Impaired essential skin functions

Result:

loss of collagen and elastin | inflammation | impaired barrier function | increased skin sensitivity

1. Zhang H, et al. Brain Behav Immun. 2024. **2.** Repke MA, et al. J Dermatol Sci. 2017;88(3):330–338. **3.** Kahan V, et al. Brain Behav Immun. 2009;23(8):1089–1095.

Peptide [Reti-V] Protocol

TRUSTED BY DERMATOLOGISTS · BORN IN A LAB 1979

SCAN ME

05/2026

sensilis | Sensitive Skin Lab

PEPTIDE [RETI-V]

The first night-time treatment that regenerates, repairs and reduces cortisol to reverse inflammaging.

Dermatologically tested on sensitive skin

Material intended for healthcare professionals

Peptide [Reti-V]

Regeneration + Repair + Soothing effect

01_Anti-aging regeneration

0,5% Bakuchiol

Plant-based retinol with antiageing, antioxidant and regenerative properties, and high tolerance.

Stimulates collagen I, III and IV.

Modulates the genes of the dermo-epidermal junction. Modulates extracellular matrix genes.

2% Palmitoyl Tetrapeptide-72 Amide

Pro-collagen peptide that promotes the architecture and organisation of the dermal matrix.

Stimulates Mohawk protein.

Prevents the degeneration of collagen fibres.

Regulates the synthesis of collagen I and III.

02_Barrier function

2,5% Beta-glucans

Strengthens the skin's barrier function and soothes sensitive skin.

2% Betaine

Osmoprotector vegetal que favorece la hidratación.

Limnanthes alba oil

Rich in Omega-9, it nourishes and strengthens the skin barrier.

Shea butter

Improves the skin barrier function.

03_Neurocosmetics

Turmeria zen™

Modulates cortisol-GR receptors to prevent overexpression.

Neutralises free radicals.

Protects cellular DNA from oxidative damage.

Scientific evidence

No test, No claim

01_ Anti-aging regeneration

Proven regenerative efficacy: *in vitro* study on human fibroblasts

proven regenerative efficacy
Within 24 hours[1]

+19% **collagen synthesis** — 24h[4]

+23% **elastin synthesis** — 24h[4]

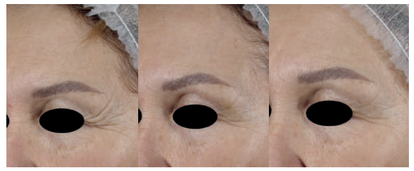
+25% **firmer skin** — in 28 days[5]

hasta +8% **piel más elástica** — in 28 days[5]

+9% **piel más luminosa** — in 28 days[5]

4. *In Vitro* test on human fibroblast cultures. 5. Clinical study conducted on women aged 35 to 78 with sensitive, dry skin or skin prone to dryness, and with type I rosacea.


día 0 — día 7


día 0 — día 7 — día 28

lifting effect
in 28 days[5]

up to -32% **reduces the depth wrinkles** — in 7 days[5]

up to -29% **reduces the depth wrinkles** — in 28 days[5]

redefines the facial contour
from the first use[5]

02_ Barrier repair and antioxidant effect

Barrier repair:

up to +33% **Improves skin smoothness** — from the first use[5]

up to -17% **improves barrier function** — in 28 days[5]

up to +14% **more hydrated skin** — in 28 days[5]

Antioxidant effect[6]:

Reduces oxidative stress in the skin by 73%.

Reduces DPPH free radicals.

In vitro physicochemical assay for the elimination of DPPH free radicals.

73% uptake — **DPPH scavenging (Free Radicals)**

pure ascorbic acid 5% → ~20–30%	pure ascorbic acid 10% → ~40–50%	pure ascorbic acid 15% → ~60–70%

3 times higher than pure vitamin C
used as a positive control (p<0,001).

Reduces the inflammatory cascade *in vitro*, : reduces IL-1α.[7]
Soothing effect *in vivo*

proven calming effect

6. *In vitro* study of antioxidant capacity using the DPPH method. In vitro assay conducted by Yiwi Testing & Evaluation (Shanghai). 7. In vitro study of the ability to reduce the synthesis of interleukin-1α (IL-1α).

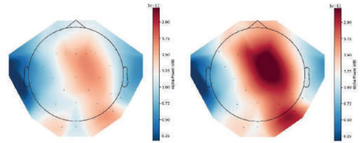
03_ Neurocosmetics

Neurocosmetics and skin stress
Before and after comparison following a single use of the product.[7]
Measurement of the EEG theta/beta ratio (TBR).
TBR (Theta-Beta Ratio):
4.7397 ± 2.8755 before vs 4.0026 ± 1.7545 after, significant decrease (0.01 ≤ P < 0.05).

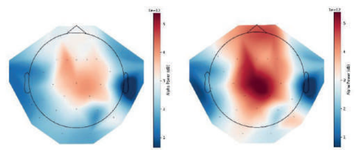
Heat map showing the strength of alpha waves (indicator of Relaxation and Calm).

- **Deep blue:** low alpha activity, **less relaxed brain.**
- **Dark red:** high alpha activity, **more relaxed brain.**

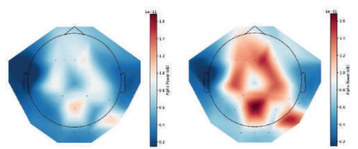
Case 1: RD003
before using the product — **after** using the product



Case 2: RD0011
before using the product — **after** using the product



Case 3: RD0029
before using the product — **after** using the product



Emotional assessmentr[8]

-26% **fatigue**	-35% **stress**	+35% **pleasure and positive emotions**

Produces a clear and immediate emotional improvement

Cortisol Test[9]

Reduces the production and signalling of active cortisol.
Regulatory effect on cortisol-related stress damage.

Less cortisol
Less damage
Enhanced night-time repair

-74% **Inhibits the production of active cortisol in the skin**

Measurement of the 11β-HSD1 which produces the enzyme that activates cortisol.

-18% **Reduces the cellular response to cortisol**

A GR receptor that translates cortisol into genetic changes.

8. Study of emotional neurocosmetics using electroencephalography (EEG) and validated questionnaires (SAM). Conducted by Yiwi Testing & Evaluation (Shanghai) on 32–33 women aged 35–55 experiencing everyday stress. An objective reduction in brain stress indicators (TBR, p<0.05) was observed, and participants reported a 35% reduction in stress and a 26% reduction in fatigue, with a 35% increase in feelings of pleasure (p<0.001). **9.** *In vitro* evaluation of the effect on relative expression of 11β-HSD1 mRNA in HaCaT cells, to assess its regulatory effect on cortisol-related stress damage.