

FIGHT AGAINST BAGS UNDER THE EYES

Function and Characteristics:

EYELISS is a combination of 3 active molecules in solution:

- **Hesperidin methyl chalcone**: decreases the capillary permeability.
- **Dipeptide Valyl-Tryptophane (VW)**: increases lymphatic circulation.
- **Lipo peptide Pal-GQPR**: improves firmness and elasticity, decreases inflammatory phenomena.

Cosmetic interest (properties):

Tiredness, hypertension or the intake of certain medicines, in addition to the natural effects of ageing, contribute to the formation of bags under the eyes.

EYELISS helps to prevent and fight bags under eyes as well as smoothing the appearance of fine lines by firming and toning the skin.

Applications:

All products (creams, gels, lotions...) intended for the treatment of puffy eyes.

Recommended use level: 3%

CTFA / INCI name:

Water (Aqua) - Glycerin - Hesperidin Methyl Chalcone - Steareth-20 - Dipeptide-2 - Palmitoyl Tetrapeptide-3

Specifications:

Appearance	: clear liquid
Colour	: brown
Odour	: characteristic
pH	: 6.0 – 7.0
Density d_{20}^{20}	: 1.050 – 1.070
Refractive index (at 25°C)	: 1.360 – 1.380
Water content (K. Fischer)	: 72 – 82%
Val-Trp-OH content	: 0.08 – 0.12%
Hesperidine content	: 4 – 6%
Pal-GQPR content	: 0.025 – 0.035%
Bacteria	: < 100 germs/g
Yeast and moulds	: < 10 germs/g

Sederma patents: FR 2 836 042 - WO 03/068141 - EP 03 718 861.2 - JP 2002.207075

CLAIM SUBSTANTIATION

IN VITRO

Anti-inflammatory effect of lipo peptide Pal-GQPR with 3% EYELISS:

- Regulation of UV induced IL6 level produced by keratinocytes : **33%**

Drainage stimulation of dipeptide VW with 1% EYELISS:

- Inhibition of Angiotensin Converting Enzyme (ACE) : **85%**

EX VIVO

Effect of hesperidin methyl chalone (HMC) on capillary permeability:

- Decrease of capillaries' permeability : **25%**

Clinical study:

20 female volunteers, aged between 40 and 60 presenting chronics bags under the eyes / Twice daily application for 56 days of a gel containing 3% EYELISS.

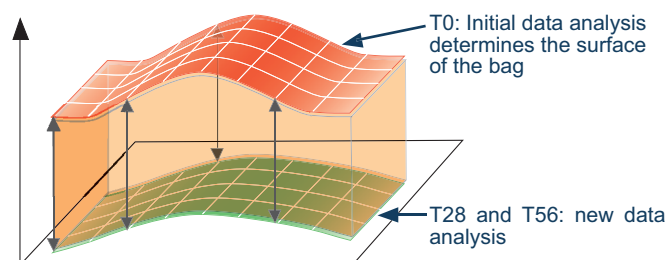
Morphometric study:

Significant results	T28	T56
Mean decrease of bag thickness (in mm)	-0.08	-0.20
Maximum value (in mm)	-0.40	-0.69
Number of volunteers with a reduction of bag volume	65%	70%

Self-evaluation:

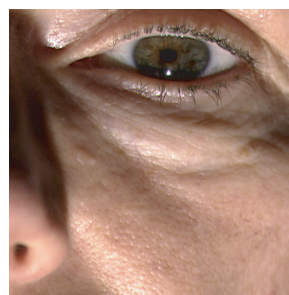
- Eye contour smoothing : **62%**
 - Reduction of the bags : **52%**
 - Decongestant effect : **52%**

Principle of a 3D morphometric study



The software measures the distance between the surface of the bag before treatment and the surface of the bag after treatment

Before



After

