



FLAVOSLIM™

BERGAMOT-DERIVED FLAVONOIDS
TO COUNTERACT CELLULITE AND
REMODEL BODY SHAPE



INCI NAME: Citrus aurantium bergamia
(bergamot) fruit extract, Maltodextrin

FLAVOSLIM™ is a bergamot flavonoid complex derived from bergamot juice, designed to counteract cellulite-related skin imperfections by targeting microcirculation, adipose tissue metabolism, and inflammatory processes, while supporting firmer and smoother skin, remodelling body shape.

STANDARDIZATION: Flavonoids

PARTICULAR SIGN: Natural Origin Index (ISO 16128):1
Sustainable ingredient from co-products with a circular economy process

CELLULITE & BODY REMODELLING

TARGET: CELLULITE-PRONED SKIN

RECOMMENDED USAGE
CONCENTRATION

1-2%

Cellulite is a multifactorial condition driven by both circulatory and metabolic factors. In many women, however, impaired microcirculation and chronic fluid retention have become major drivers of the visible orange-peel skin appearance. This combination can increase local oedema and adipocyte lipid accumulation, accelerating visible signs such as skin unevenness, loss of firmness, and altered body contours. As adipose tissue expands, skin support structures weaken, leading to body shape irregularities.

COSMETIC BENEFITS

Clinically
Proven



IMPROVEMENT OF
MICROCIRCULATION



IMPROVEMENT OF SKIN
ELASTICITY & FIRMNESS

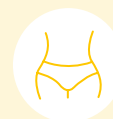


COUNTERACTION
OF CELLULITE SIGNS



SLIMMING &
REMODELLING EFFECTS

APPLICATIONS



BODY CARE

WHAT IT DOES

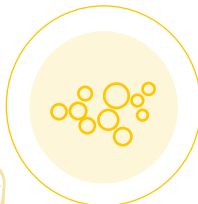
FLAVOSLIM™ has been evaluated through in vitro and clinical studies for its multi-target activity on the key mechanisms underlying cellulite, helping reduce superficial adipose tissue thickness, improve microcirculation and skin elasticity, and support visible body remodelling.



ANTI-INFLAMMATORY ACTIVITY

TESTED IN VITRO

- Reduces pro-inflammatory mediators involved in cellulite formation
- Helps counteract GAGs overexpression linked to water retention and oedema



LIMITING LIPID ACCUMULATION

TESTED IN VITRO

- Inhibits adipocyte fat formation
- Promotes lipolysis, limiting excess lipid accumulation



IMPROVEMENT OF MICROCIRCULATION

CLINICALLY TESTED

- Supports healthy microcirculation in cellulite-prone areas
- Helps counteract localized fluid retention



REDUCTION OF SUPERFICIAL ADIPOSE TISSUE THICKNESS AND BODY CIRCUMFERENCE

CLINICALLY TESTED

Thighs, gluteus, hips and arms

- Reduces superficial adipose tissue thickness
- Helps decrease body circumference in the treated areas

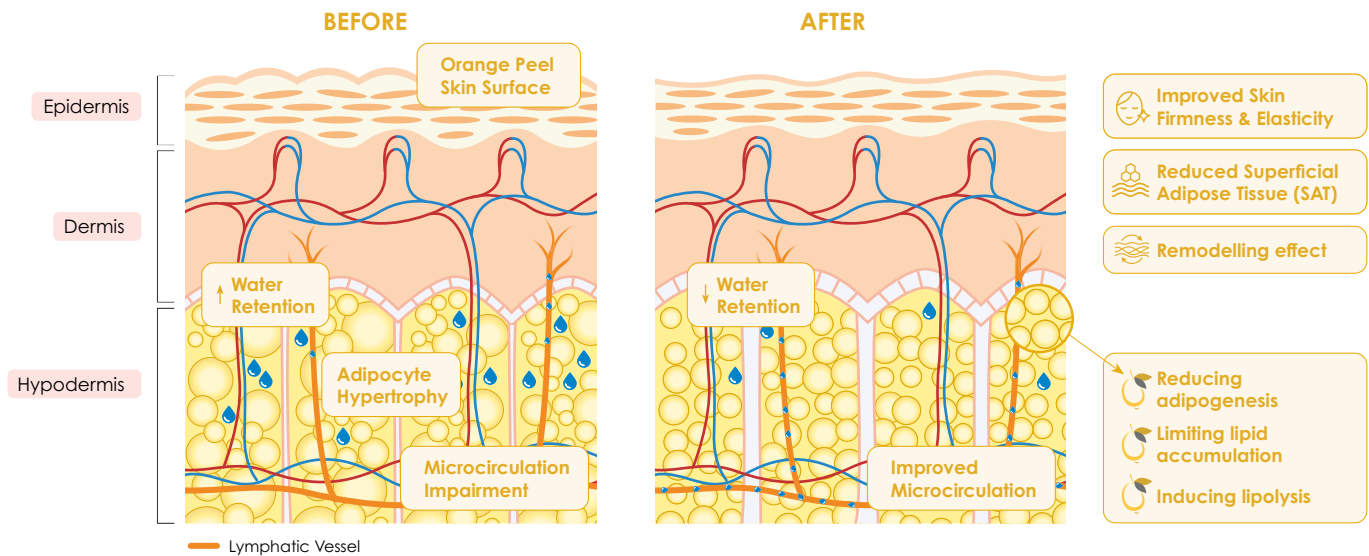


IMPROVEMENT OF SKIN FIRMNESS AND ELASTICITY

CLINICALLY TESTED

- Improves skin firmness and elasticity
- Supports a smoother, more even-looking body contour

MECHANISM OF ACTION

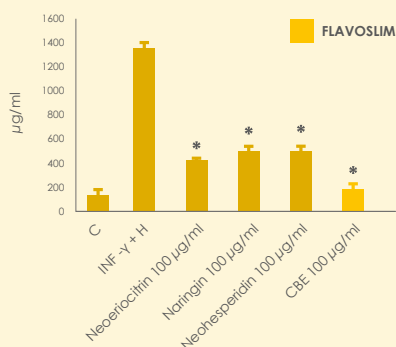


FLAVOSLIM™ bergamot flavonoids act through two key mechanisms underlying cellulite. By **reducing GAGs overexpression** induced by pro-inflammatory mediators, it **counteracts water retention** and **oedema**, primary drivers of the orange peel appearance. At the same time, it acts directly on adipocytes, inhibiting fat formation, limiting lipid accumulation, and promoting lipolysis, resulting in a visible **reduction of superficial adipose tissue thickness** and **improved body shape**.

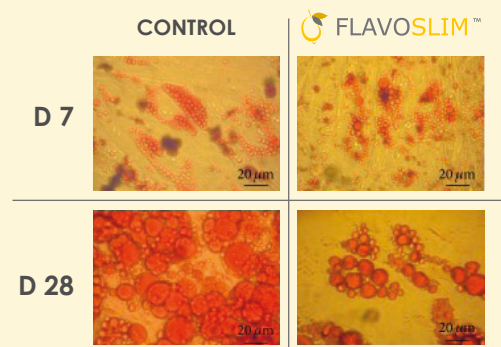
IN VITRO EVALUATION

FLAVOSLIM™ was evaluated in vitro for its anti-inflammatory and anti-adipogenic activity. Its ability to reduce GAGs overexpression induced by pro-inflammatory mediators (interferon- γ and histamine) was assessed in comparison with its single active compounds (naringin, neoeriocitrin and neohesperidin), while its anti-adipogenic activity was assessed by oil red o staining.

GAGs OVEREXPRESSION REDUCTION



ANTI-ADIPOGENIC EFFECT OIL RED O STAINING TEST

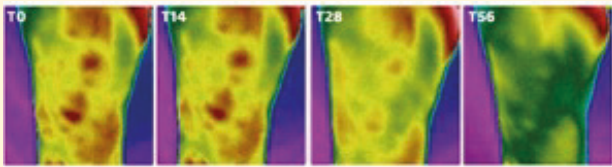


FLAVOSLIM™ significantly **reduces GAGs overexpression** and **inhibits lipid accumulation** in adipocytes, targeting two key mechanisms of cellulite.

FLAVOSLIM™ was clinically tested on women with mild-to-moderate cellulite over 8 weeks treatment period, providing visible improvements in microcirculation, skin firmness, elasticity and body shape.

MICROCIRCULATION

Greater thermal homogeneity reflects better microcirculation

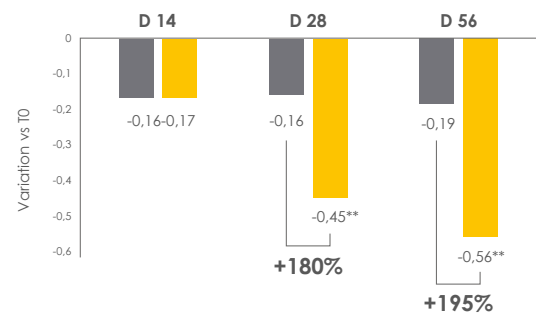


IMPROVEMENT OVER PLACEBO
OF THERMAL HOMOGENEITY

D56
+77%

SUPERFICIAL ADIPOSE TISSUE

MEAN REDUCTION OF SAT THICKNESS ON THIGHS



OTHER TESTED AREAS

IMPROVEMENT OVER PLACEBO AT D56:

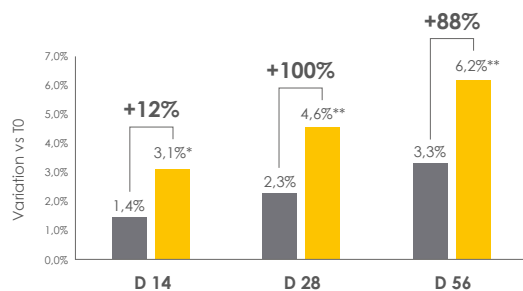
Gluteus
+156%

Hips
+188%

Arms
+127%

SKIN ELASTICITY

MEAN VARIATION OF OVERALL
ELASTICITY ON THIGHS



OTHER TESTED AREAS

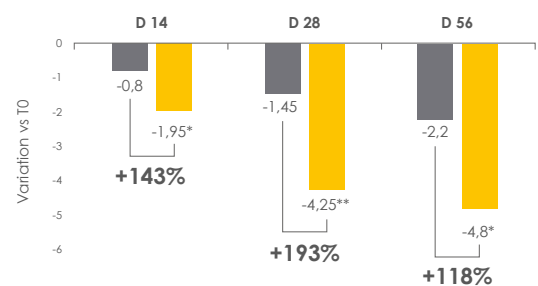
IMPROVEMENT OVER PLACEBO AT D56:

Gluteus
+90%

Arms
+55%

CIRCUMFERENCE MEASUREMENT

MEAN REDUCTION OF THIGH CONTOUR



OTHER TESTED AREAS

IMPROVEMENT OVER PLACEBO AT D56:

Arms
+242%

Intergroup (active vs. placebo) statistical analysis is reported as follows: *p<0.05, **p<0.01, ***p<0.001.

■ PLACEBO ■ FLAVOSLIM™

Bibliography:

Lo Furno D et al., A Citrus bergamia Extract Decreases Adipogenesis and Increases Lipolysis by Modulating PPAR Levels in Mesenchymal Stem Cells from Human Adipose Tissue. PPAR Res. 2016;2016:4563815