Concentré Coralline, 1%, completely and significantly inhibits the differentiation of pre-adipocytes. Used at a concentration 100 times lower than that of mineral calcium, the calcium of Concentré Coralline is 10 times more effective.
IN-VITRO TEST: EFFECT OF CONCENTRE CORALLINE 1% ON COLLAGEN SYNTHESIS

Protocol:
The differentiation process is induced in cultures of pre-adipocytes in the presence or absence of Concentré Coralline. After 14 days of culture, we determined the synthesis of collagen I using immunohistochemical labelling.

By inhibiting the differentiation of pre-adipocytes into mature adipocytes, Concentré Coralline 1% promotes and enhances collagen I synthesis by pre-adipocytes.
IN-VITRO TEST: EFFECT OF CONCENTRE CORALLINE 1% ON THE RELEASE OF LEPTINE

Protocol:
The differentiation process is induced in cultures of pre-adipocytes in the presence or absence of Concentré Coralline. After 14 days of culture, we determined the quantity of leptin secreted in the culture medium by the adipocytes.

Leptin is a cytokine that is secreted by the adipocytes between 10 O’clock in the evening and 3 O’clock in the morning.

Its release into adipose tissue is perceived as a signal of satiety by the adipocytes and is therefore directly accompanied by a decrease in fat storage.

Concentré Coralline 1% increases the synthesis of leptin by the adipocytes by 51%. Its action favours the limitation of the nocturnal storage of fats.
CONCENTRE CORALLINE « BY DAY » EFFICACY
IN-VITRO TEST: EFFECT OF CONCENTRE CORALLINE ON THE FACTORS THAT LIMIT FAT BURNING

Phosphodiesterase (PDE) and Neuropeptide Y (NPY) are both factors that inhibits the burning of fats (lipolysis).

By decreasing the production of lipolysis inhibitors, Concentré Coralline stimulates fats burning.
Reveal…

Clinical tests
CLINICAL TEST: PROTOCOL

• 17 volunteers aged between 35 and 55 years
• 1% Concentré Coralline
• Twice daily application for 28 days on the thighs, hips and buttocks

• Evaluation of centimetric loss
• Evaluation of the thickness of the adipose tissue by ultrasonography (ecográfiá)
• Measurement of the firmness of the skin by cutometry
• Evolution of the grade of the orange peel
Concentre Coralline 1% significantly promotes centimetric losses on the buttocks, the thighs and the hips.

- Buttocks (nalgas): up to -0.8cm
- Thighs (muslos): up to -0.8cm
- Hips (caderas): up to -1.7cm

*p<0.05
**p<0.01 Student test t
CONCENTRE CORALLINE 1% decreases the thickness of the adipose tissue

The measurements are made at the top of the cellulite bulge of one randomized thigh.

The ultrasonic measurement parameter studied is the adipose tissue thickness in mm.

A reduction in this parameter demonstrates a slimming effect of the product.
Protocol:
The cutometric method involves assessing the firmness (decrease in Uf parameter) and the tone (decrease in Ur parameter) of the tissues.

*p<0.05 Student test t

Concentre Coralline 1% significantly increases the firmness and the tone of the skin
Concentre Coralline 1% visibly erases the orange peel aspect of cellulite
• **BY NIGHT Concentré Coralline:**
  
  – Inhibits the formation of mature adipocytes
  – Limits the nocturnal storage of fats
  – Stimulates collagen synthesis

• **BY DAY Concentré Coralline:**
  
  – Promotes fats burning

• **AFTER 28 DAYS Concentré Coralline:**
  
  – Significantly stimulates centimetric loss on buttocks, thighs and hips
  – Decreases the thickness of adipose tissue
  – Significantly improves the firmness and the tone of the skin
  – Visibly erases orange peel aspect
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<tr>
<th>Available versions</th>
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<tr>
<td>Concentre Coralline</td>
<td>Parabens</td>
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<td>Concentre Coralline P</td>
<td>Phenoxyethanol</td>
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<td>Concentre Coralline G</td>
<td>Preservative free, Ecocert approved</td>
<td>2%</td>
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