Active Beauty ally

ACTICOLINA LV

Acticolina LV is the **new Sinerga active ingredient** with a high efficacy in reducing localized fat and **counteracting** the blemishes of **cellulite**.

It's composed of powerful cellular metabolism enhancers (Lysine and Valine) and Glycerophosphocholine, a source of choline, able to work in synergy to **improve lipolysis** and **stimulate cutaneous metabolism**, intervening in muscle contraction with positive effects on **skin tone.**

- **Synergistic activity of its components**
- **Increased Lipase activity**
- **Thinning effect**
- **Cellular metabolism enhancer**
- **Caffeine booster effect**

PARABEN FREE

COSMOS APPROVED

Sinerga
SKIN EVOLUTION

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ACTICOLINA LV

INCI NAME

Water (and) Glycerin (and) Glycerophosphocholine (and) Lysine HCl (and) Valine

EFFICACY TESTS

IN VITRO

+ 83.5% increase of Lipase enzymatic activity
+ 75.0% increase in oxygen consumption compared to non-treated area

- 23.8% reduction of intracellular lipids content in adipocytes

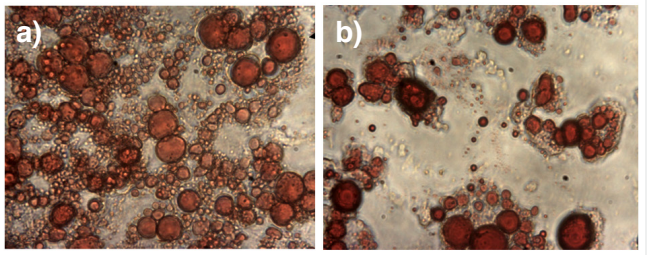

Figure 1: a) negative control, untreated adipocyte; b) adipocyte treated with 0.04% ACTICOLINA LV® after 72h. It is possible to observe a sensitive decrease of the fat deposits (red drops) in the treated sample.

+ 21.17% booster lipolitic effect to caffeine in reducing triglycerides

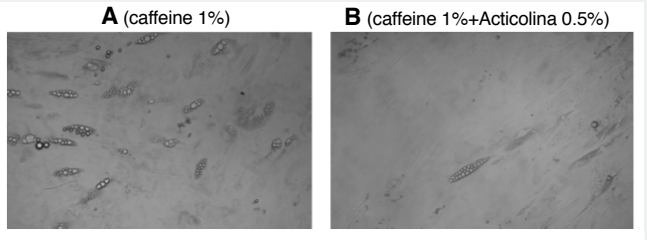

Figure 2: Morphological analysis at bright field microscope of adipocytes after treatment with creams A and B.

IN VIVO

- 11.5% orange peel effect
+ 13.4% skin tone
- 0.3 cm thigh circumference

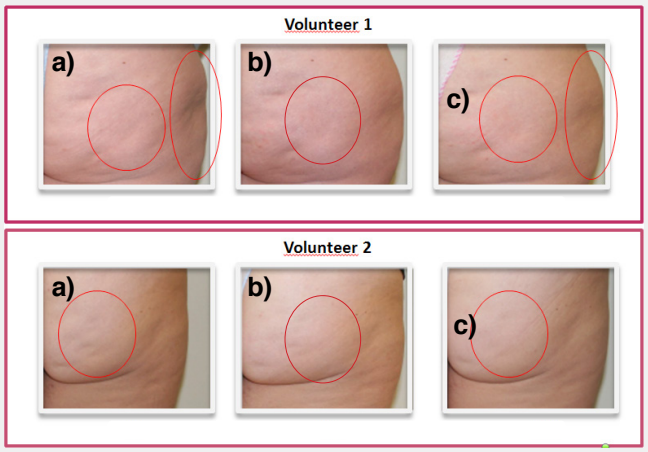

Figure 3: *in vivo* test of ACTICOLINA LV® 2%: a) before treatment; b) 30 days of treatment once a day; c) 60 days of treatment once a day.

SPECIFICATIONS

Appearance:	clear liquid
Color:	from colorless to light yellow
Odor:	characteristic
pH:	5.5 - 6.8
Suggested dosage:	1 - 3%

MAIN APPLICATIONS

Slimming, modelling and toning creams, serum and gels; in treatments to counteract the blemishes of cellulitis and localized fatty deposits.

COLD-HEAT BODY GEL

LSIN 7155

INGREDIENTS	PHASE	%w/w
Aqua/Water	A	to 100
Disodium EDTA		0,10
Sodium Benzoate		0,40
Xanthan Gum	A'	0,50
Carrageenan		0,20
Acrylates/C10-30 Alkyl Acrylate Crosspolymer		0,20
Menthol	B	1,00
Alcohol		10,00
Eucalyptus globulus leaf oil		0,30
Vanillyl Butyl Ether (and) 1,2-Hexanediol (and) Caprylyl Glycol (and) Ascorbyl Palmitate		0,50
Capsicum fruit fluid extract	C	2,00
ACTICOLINA LV (Water (and) Glycerin (and) Glycerophosphocholine (and) Lysine HCl (and) Valine	D	2,00
X-Solve (Ethyl Ximenynate, Lecithin)	E	2,00
pH adjuster	F	q.b.

METHOD

Heat phase A at 80°C, then add phase A' under homogenizer. Cool down to 30° - 40°C, mix phase B and heat at 35°C, then add it to A. Add phases C –E. Adjust pH until the desired value.

CHARACTERISTICS

Appearance:	semi-consistent gel
Colour:	white
Odor:	characteristic
pH:	5.50 - 6.00
Brookfield viscosity SP 3 RPM 20:	2000 - 3000 mPa·s