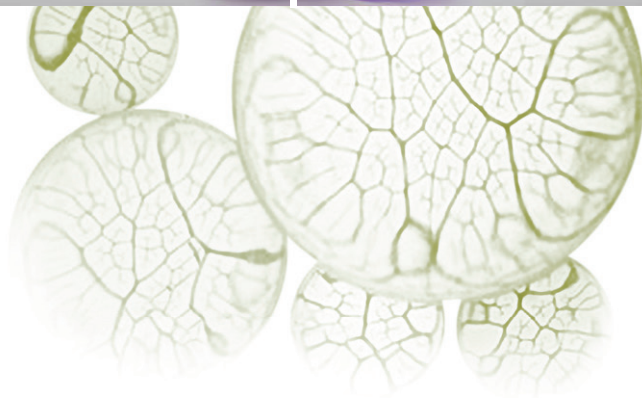




SLIMEXIR®

The Silhouette-Refiner



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SLIMEXIR®



SLIMEXIR® declares war on unloved problem areas. The ingenious combination of X-Melt®, a mix of Methylxanthines, extract of Artichoke (*Cynara scolymus*) and the polysaccharide Levan mutually support each other and efficiently combat excess fat. By means of X-Melt®, the maturation of Adipocytes is suppressed so that less fat is stored in the fat cells. Each of the individual components of SLIMEXIR® activates Lipolysis and causes the existing fat to increasingly fragment into fat globules and decompose. X-Melt® and the Artichoke extract stimulate the cutaneous microcirculation and improve the removal of the decomposed fat. Levan also provides a tightening film on the skin. SLIMEXIR® visibly and measurably refines the silhouette and when used regularly leads to a significantly slimmer abdomen.

Confirmed effectiveness

- Prevents formation of new Adipocytes (*in-vitro* study)
- Reduces lipid accumulation in Adipocytes (*in-vitro* study)
- Stimulates degradation of existing fat (*in-vitro* study)
- Triggers fragmentation of lipid droplets (postulated mechanism) (*in-vitro* study)
- Leads to a significant reduction of abdomen volume (*in-vivo* study)

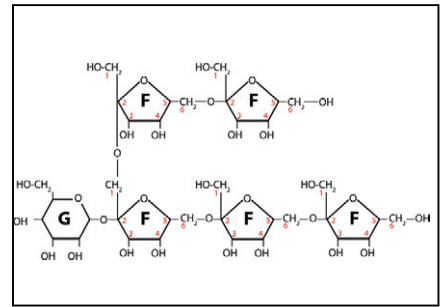
Ingredients



X-Melt®, the ingenious mix of four different Methylxanthines, has a convincing optimal triple effect. It suppresses the formation of Adipocytes, reduces the storage of fat (Lipogenesis) and stimulates lipid decomposition (Lipolysis).



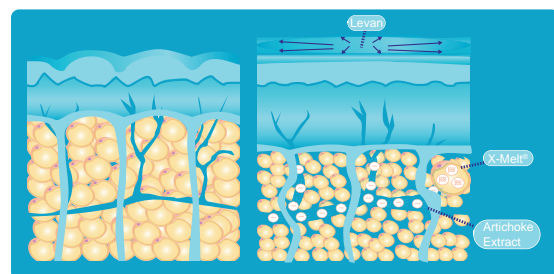
Artichoke extract contains a particularly high level of Caffeoylquinic acids. The plant extract supports X-Melt® by stimulating the lipid decomposition and providing an anti-oedematous effect.



Levan is a polysaccharide made up of Fructose molecules. It activates lipid decomposition and due to its high molecular weight forms a firming film on the skin.

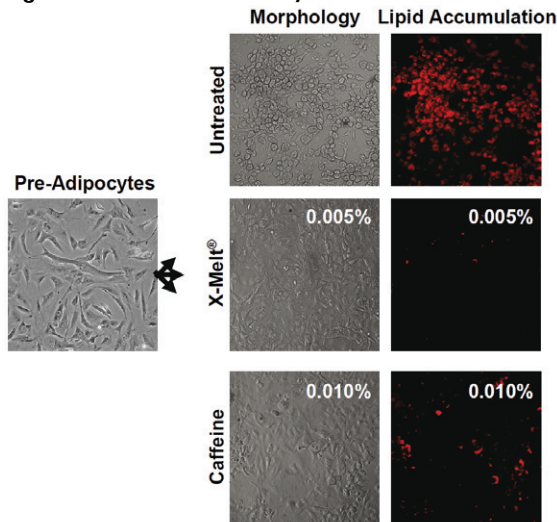
Mode of operating

Mode of activity of SLIMEXIR®: X-Melt® on the one hand reduces Lipogenesis by inhibiting the maturation of pre-Adipocytes into Adipocytes, while on the other hand stimulates Lipolysis as the existing fat is separated into fat globules and decomposed. The Artichoke extract stimulates the cutaneous microcirculation to improve the removal of the decomposed fat. The high molecular weight Levan molecules provides a firming film on the skin.



Efficacy studies

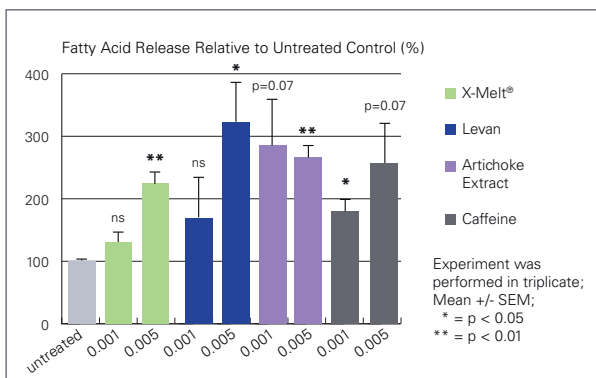
SLIMEXIR® reduces the formation of Adipocytes and the storage of fat — *in-vitro* study



Measurement parameters: Morphology using microscopy; lipid storage using Sudan II dye and subsequent photospectrometry.

Method: Pre-Adipocytes were incubated with X-Melt® during their differentiation phase. The morphology and measurement of the lipid storage were subsequently measured. 0.005% X-Melt® is equivalent to 0.25% SLIMEXIR®. Reference substance: Caffeine.

Result: X-Melt® successfully reduces the formation of Adipocytes. The pre-Adipocytes retained their typical pointed shape and their differentiation was visibly reduced with fewer lipids stored. In the quantitative analysis concentrations $\geq 0,005\%$ X-Melt® reduced the storage of fat by up to 90% (graphic not shown).



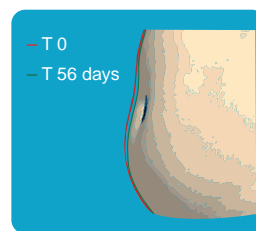
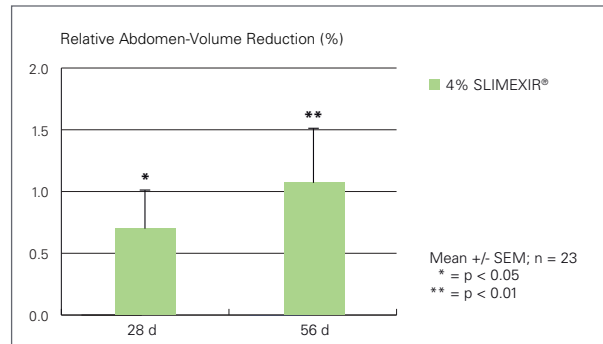
SLIMEXIR® stimulates the decomposition of fat — *in-vitro* study

Measurement parameters: Fatty acid release using a photometer.

Method: Incubation of primary subcutaneous Adipocytes obtained from a slightly overweight 46-year-old woman with the ingredients of SLIMEXIR® for 3 hours. Subsequent measurement of the fatty acids released.

Results: The ingredients of SLIMEXIR® increased the release of fatty acids by three times even with a 0.001–0.005% dose. SLIMEXIR® thus markedly stimulates lipid decomposition.

SLIMEXIR® refines the abdomen — *in-vivo* study



Measurement parameters: Relative abdomen volume by means of fringe projection.

Method: Twice daily application of a foam containing 4% SLIMEXIR® in the abdominal region. Treatment period: 2 months using 23 slightly overweight test subjects (BMI 26); age: 23–50 years. Measurement of the abdominal volume on Day 0, 28 and 56.

Result: SLIMEXIR® leads to a significant reduction in the volume of the abdomen:

- By 0.7% after 28 days with a positive effect on 70% of the test subjects
- By 1.1% after 56 days with a positive effect on 73% of the test subjects
- Maximum reduction of 9% (4.5 cm³)

Concentration for use

2 - 10 %

Areas of application

Body care products to refine the silhouette and re-contour the body. Can be used in O/W and W/O emulsions, gels and lotions.

INCI

EU: Aqua, Levan, Cynara Scolymus Fruit Extract (suggested), Decyl Glucoside, Phenethyl Alcohol, Glucose, Caffeine, Theobromine, Methyl Xanthine, Paraxanthine

USA/Japan: Water, Levan, Cynara Scolymus (Artichoke) Fruit Extract (suggested), Decyl Glucoside, Phenethyl Alcohol, Glucose, Caffeine, Theobromine, Methyl Xanthine, Paraxanthine

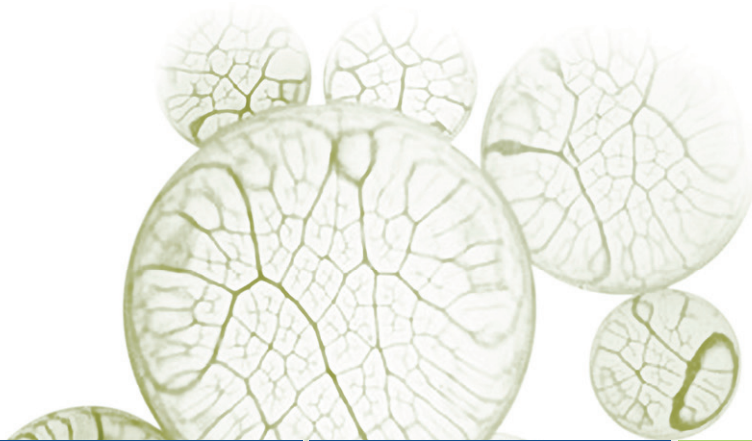
Further information

Preservatives: None

Animal experiments: Not tested on animals. No ingredients of animal origin

Toxicology: Not toxic for people or the environment

Safety: Free from GMOs, BSE, CMRs, pesticide, mineral oils and heavy metals



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Version: 03/2011

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