

Shape Up  
Your Silhouette!

Citrus dry  
extract



sinetrol®



Fytexia  
NATURAL INGREDIENTS

# Shape Up your **Silhouette!**

**Looking thin** isn't just about losing weight... it's about **losing Body fat.**

It's fat loss, not weight loss that gives men and women the slim, sexy shape they desire. When we lose fat, especially from the critical areas of body (abdominal, hips, waist, thighs) we look trimmer, healthier... better.

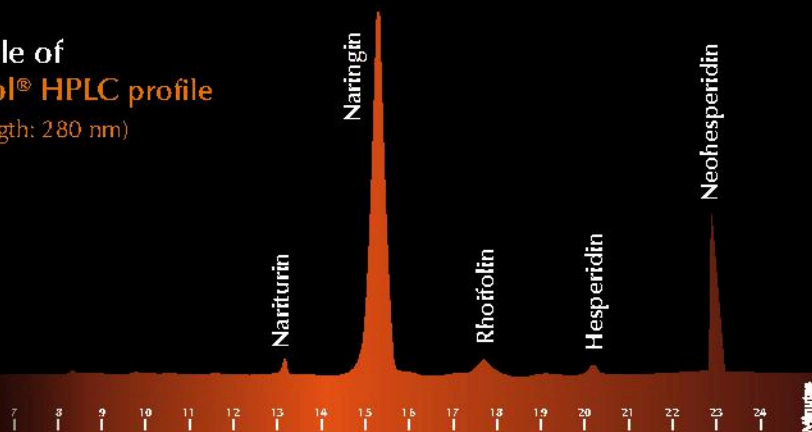
WHO<sup>1</sup> estimates that by 2015, almost 2,3 billion adults will be overweight and more than 700 million persons will be obese. Greater amount of fat, especially found in the abdominal region increases the risk of cardiovascular diseases and type II diabetes<sup>4</sup>. Reducing abdominal fat mass and concomitant oxidative stress could be important targets for the prevention of obesity-related diseases<sup>3</sup>.

That's why Fytexia developed **Sinetrol®** - to **target body fat.**

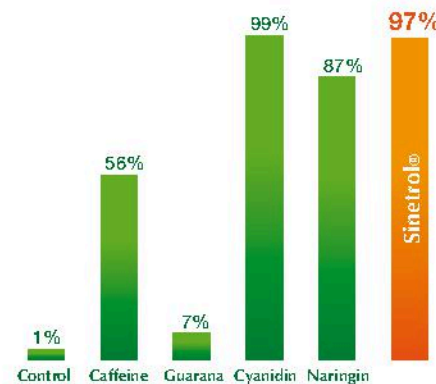
**Sinetrol®** is a Patent Synergetic blend of active polyphenolic compounds as flavonoids (naringin, narirutin, hesperidin...)<sup>5,6</sup>, Anthocyanins (cyanidin 3 glycoside)<sup>5</sup> from Unique Mediterranean Citrus selected species: Orange, Red orange, and Grapefruit

## Example of **Sinetrol® HPLC profile**

(wavelength: 280 nm)



## Proven **Fat Burning solution**



### Inhibition of PDE by **Sinetrol®**

Thanks to its unique mechanism of action which has been scientifically proven, **Sinetrol®** stimulates the adipocytes lipolysis by the inhibition of Phosphodiesterase (PDE)<sup>5,2</sup>. Its uniqueness comes from a synergetic composition of active polyphenolic compounds increasing its activity (+97%) and efficacy.

**Sinetrol®** has been scientifically proven (ex-vivo and human)<sup>5,6</sup> to be an effective Fat burning ingredient by releasing plasmatic Free Fatty acids (FFA) significantly different from placebo.



## Scientific evidence

### Second Human study-Protocol<sup>6</sup>

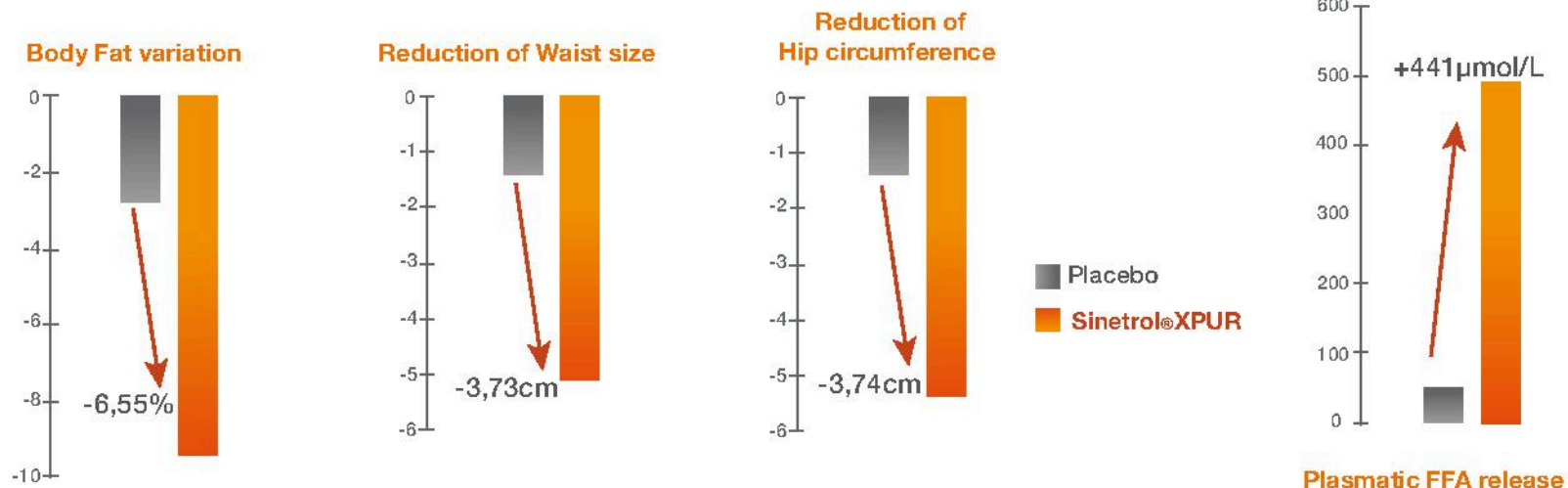
In a 12-week, double-blind, placebo controlled trial, 95 overweight subjects (BMI=26-29,9) between 22 and 45 years old were randomly split in 2 groups to receive either the active extract (**Sinetrol® XPur** group (N=47) ) or a Placebo group (N=48). Each **Sinetrol® XPur** capsule contained 450mg of active extract. Subjects took twice daily with meals (breakfast and lunch). Body weight, waist and hip circumferences, abdominal fat, serum lipids, liver and kidney function parameters, inflammatory and oxidative markers were measured at baseline and at the end of the 12 weeks.

### Results<sup>6</sup>

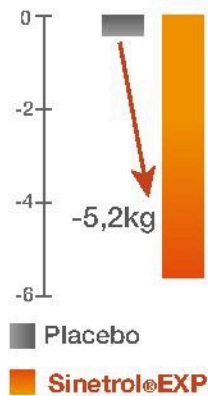
The **Sinetrol® XPur** group reported a significantly ( $p < 0.0001$ ) decreased in **abdominal body fat (-6.55%)**, **Waist size (-3.73cm)** and **Hip Size (-3.74cm)** compared to people who took placebo. The release of plasmatic FFA (+441  $\mu\text{mol/L}$ ) in **Sinetrol** group demonstrate its high lipolytic activity.

It was also reported that **Inflammatory plasmatic markers** such as CRP and fibrinogen were significantly reduced in **Sinetrol® XPur** group compared to placebo. **Oxidative stress** was lowered as seen by the reduction of MDA and increase in SOD and GSH.

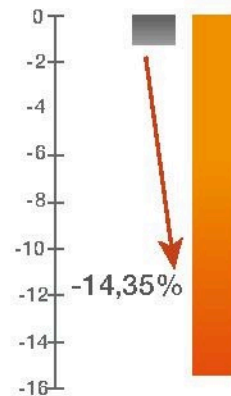
**Sinetrol® XPur** is a **Safe Ingredient** no adverse effects were observed. Kidney, liver and lipid panels remained unchanged between the 2 groups.



### Body weight loss



### Body fat variation



## First clinical study<sup>5</sup>

Background: In a 12-week, randomized, double-blind, placebo controlled trial, Sinetrol®EXP was given twice daily (1.4g/d) with meals to the Sinetrol®EXP group (N=10) versus a Placebo group (N=10).

### Results

The Sinetrol®EXP group reported a significantly ( $p < 0.05$ ) decreased in **body weight loss (-5.2kg)** and **body fat variation (-14.35%)** compared to people who took placebo. All these results were measured at baseline and at the end of the 12 weeks.

Commercial name	Sinetrol®XPUR	Sinetrol®WS	Sinetrol®EXP
Description	Mediterranean citrus extract standardized in polyphenols		
Active compounds			
Total Polyphenols	>90%	>60%	>60%
Flavanones	>20%	>10%	>10%
Recommended dose	0,9g/day	1,4g/day	1,4g/day
Application	Food supplements	Functionnal foods	Food supplements
Solubility	Moderated	100% water soluble	Moderated
<i>Citrus aurantium</i>	Free	Free	Free



\*All these information's has not be evaluated by European or FDA legislation. It remains to the industrial customer to comply with all applicable laws and regulations.