



# SAGAPRO

- Urinary function support



## **SAGAPRO** - Urinary function support

SAGAPRO is a clinically studied herbal food supplement that supports bladder health and reduces frequency of urination at night.

### Target groups

- Women and men with an overactive bladder
- People with nocturia (urinary frequency at night)
- Athletes – runners, golfers, hikers, etc.

### Long-term market experience

- Long-term market experience
- Most popular herbal supplement produced in Iceland
- Has replaced “Saw Palmetto” as #1 product for urinary frequency in Iceland
- Award winner – Best supplement of the year 2013 in USA

### Fast acting

- Only 1-2 tablets per day
- Results normally after one week
- Easy to measure by counting trips to the bathroom

### Bioactivity – calms bladder muscle contraction

SAGAPRO may relax smooth muscle cells in the bladder by inhibiting leukotriene activity but there are other possible explanations since SAGAPRO has many bioactive compounds.

SAGAPRO does not reduce libido or affect testosterone and it is safe and well tolerated, as demonstrated in a clinical study.

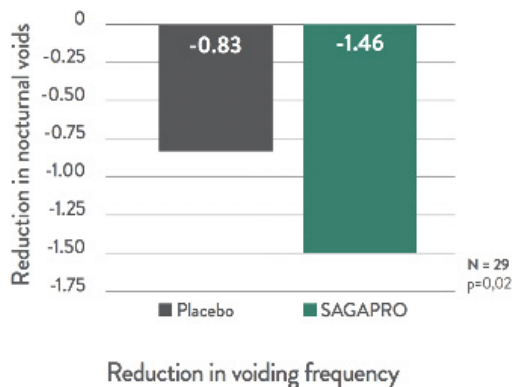
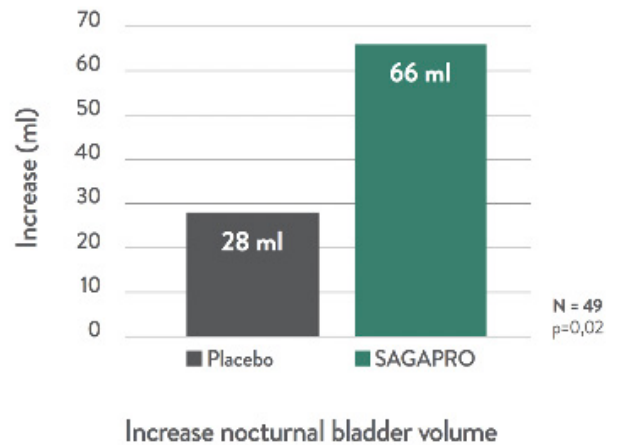


Double blind placebo controlled study of Sigurdsson et al. (2013)

## Increase in bladder volume

Subgroup with less than 260 ml initial volume had increased bladder volume per nocturnal void. Low bladder volume is directly related to urinary frequency.

The SAGAPRO group had an increase in bladder volume of 66 ml



## Reduction in nocturnal voids

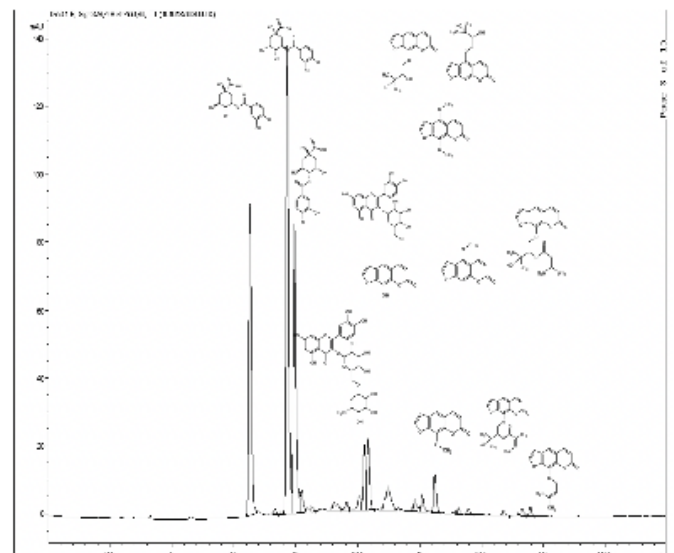
Subgroup with low nocturnal bladder capacity and not using sleep medication. The SAGAPRO group experienced a significant reduction in nocturnal bathroom visits and increased nocturnal bladder capacity

The SAGAPRO group experienced a significant reduction in nocturnal bathroom visits

## SAGAPRO – preclinical studies

Ongoing research on the effect of SAGAPRO on urinary bladder muscle indicates that various compounds of the product relax the muscle. Some of those compounds are the subject of a patent application.

SagaPro contains many bioactive compounds, including 3-chlorogenic acid, 4-chlorogenic acid, 5-chlorogenic acid, rutin, isoquercitrin, 5-methoxypsoralen, 8-methoxypsoralen, 8-hydroxypsoralen, isopimpinellin, imperatorin, oxypeucedanin hydrate and others.



# SAGAPRO specification sheet

## Description

Product name	SagaPro
Brand name	SagaNatura
Suggested dosage	One per serving
Usage	Oral
Ingredients	Angelica a. extract, Brown rice, Cellulose, Bamboo extract, Magnesium stearate



## Packaging

Aluminum bottle
60 capsules per bottle
Also available in bulk

## Product specification

Capsule size	Size 1 Capsule
Appearance	Brown/beige fill in a clear two piece capsule
Fill Weight (mg)	330 mg
Total Weight (mg)	405 mg
Uniformity of Content	+/- 7.5%
Disintegration	< 30 minutes

## Microbiology and contaminants

Total Viable Aerobic Count	Not more then 10 <sup>5</sup> CfU/g
Coliforms	Not more then 10 <sup>3</sup> CfU/g
Yeast	Not more then 10 <sup>4</sup> CfU/g
Mould	Not more then 10 <sup>4</sup> CfU/g
Escherichia coli	Absence in 10 g
Salmonella	Absence in 25 g
Heavy Metals	Not more than 10ppm
PHA	≤ 50µg/kg
Pesticides	Complies to EU regulations

## Other information

Irradiation	No
GMO	No
Organic	Certified for the ingredient Angelica extract
Suitable for Vegetarians	Yes
Suitable for Vegans	Yes
Best before date	2 years from production
Storage conditions	Store in a cool, dry area protected from light and heat