



FIBOFIT IS Water soluble fiber

Table of nutritional value

Ingredients	Per Serving 8 g (1Sachet)	100 g	%W/W	
Wheat Dextrin	8 g	100 g	100 %	
Energy	0.096 kcal	1.2 kcal		
Fats & Its Derinatives	0.008 g	0.1 g		
Protein	0.008 g	0.1 g		
Carbohydrates	0 g	0 g		
Excipients	q.s.	q.s.		





Fiber provides many health benefits. Here's how to fit more into your diet.

- Fiber provides many health benefits. Here's how to fit more into your diet.
- Benefits of a high-fiber diet

A high-fiber diet has many benefits, which include:

- Lowers cholesterol levels Soluble fiber may help lower total blood cholesterol levels by lowering low-density lipoprotein, or "bad," cholesterol levels. Studies also have shown that fiber may have other heart-health benefits, such as reducing blood pressure and inflammation.
- Helps control blood sugar levels: people with diabetes, fiber particularly soluble fiber can slow the absorption of sugar and help improve blood sugar levels..
- Aids in achieving healthy weight High-fiber foods generally require more chewing time, which gives your body time to register when you're no longer hungry, so you're less likel to overeat. Also, a high-fiber diet tends to make a meal feel larger and linger longer, so you stay full for a greater amount of time. And high-fiber diets also tend to be less " energy dense," which means they have fewer calories for the same volume of food.
- Normalizes bowel movementsDietary fiber increases the weight and size of your stool and softens it. A bulky stool is easier to pass, decreasing your chance of constipation. If you have loose, watery stools, fiber may also help to solidify the stool because it absorb water and adds bulk to stool.





Statistical methodology: Statistical Methodology: and orange):

Effects Of Fibofit On The Parameters Involved In The Metabolic Syndrome

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• Lipid metabolism In the Wheat dextrin powdegroup, the plasmatic concentrations decrease for totalcholesterol (p<0.01), for LDL-cholesterol (p<0.01) (data not shown), and increase for HDL-cholesterol (p<0.0 these changes are significantly different of those observed I the placebo group. The VLDL-cholesterol (data shown) and the triglycerides concentrations decrease also in Wheat dextrin powdegroup (p<0.01) but theses changes are not different from those observed in the placebo group.

• Glucose metabolism Test subjects demonstrate significant reduction in plasmatic concentrations of glucose (p<0.01) and insulin (data not shown) although these changes are not significantly different from those obse with the placebo. Intermediate and long-term glucose control, measured by glycated albumin and glycosyated hemoglobin, improve over time in We eat dextrin powdegroup (data not shown). Adiponectin, cytokine which regulates glucose metabolism and stimulates fatty acid oxidation. increase //inetatedextrin powdergroup (p<0.01) (data not shown).

• The table 1 details the percentage of volunteers who experienced a 5% improvement from the beginning to end of the study in each group. It shown that dextrin powderargely improves the biological parameters involved in the metabolic syndrome.

• Prevalence of metabolic syndrome (MS) efore the supplementation, 27% of the volunteers of the

• The table 1 details the percentage of volunteers who experienced a 5% improvement from the beginning to end of the study in each group. It shown that dextrin powder argely improves the biological parameters involved in the metabolic syndrome. group presented MS and only 12% after the 3-month period. Before the supplementation, 17% of the volunteers of the placebo group presented MS and it increase to 27% after the 3-month period.



Conclusion

Twice daily supplementation with NUTRIOSE° over a 3-month period improves the lipid and glucose metabolic of slightly overweigth Chinese volintres. This study has shown that the metabolic syndrome status of the volunteers is largely improved with Wheat dextrin powder.

Daily schedule



DOSE - RESPONSE IMPACT OF FIBOFIT ON SATIETY AND WEIGHT MANAGEMENT

Satiety evaluation

"How hungry do you feel?" VAS evaluation in the morning



During the study/Wheat dextrin powder exhibits a progressive and significant impact on short -term satiety [see figures 1,2 and 3]. This effect I time correlated, the impact o satiety becoming visible earlier while progressing in the trial and increasing in value from day 0 to day 21. Be that as it may, some statistical different appear for the 8g/d group from Day 5. Moreover, this effect is also correlated to th ingested dose, the significant increasing with the dosage.



Hunger evaluation



this decrease is significant from Day 5 to the end of the evaluation for the group 24g and from Day 7 for the group 14g and 18g. The number of volunteers who are not hungry increases during the study [data not shown]

Total caloric intake per day

Body weight

73

72





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• Wheat dextrin powder a non soluble fibre ,has previously demonstrated apositive impact on weight management in a 12 - week dietary intervention in 120 healthy overweight Chinese man at a daily dosage of 34 g.In this second study .wheat dextrin powder displays significant time and dose - related effects on short - term satiety (iron day 5 at 8 g/day). hunger feeling (from day 5 at 24 g and day 7 at 14g/day) food and caloric intakes (from day 21 at 14 g/day)

• Several hypotheses may be formulated. The modulation of the microbial ratios in the gut flora composition may firstly enlighten these results[2,3].Moreover, the slow and prolonged production of short chain fatty acids [SCFAs] along the colon may provide long energy and delay or reduce hunger feeling. Finally, due its fermentation pattern described in vitro as long-lasting and producing high propionate concentrations from 8 to 24 hours [4], it is also in line with some describe role of SCFAs, such as:

- butyrate may promote satiety [5] and have a direct effect on afferent terminals in rats [6]:

- the pattern of fermentation, mostly the ratio of acetate to propionate reaching the liver, is a putative intermediate marker possibly predicting the potential lipid lowering properties of non digestible carbohydrates.
- the classical deleterious role attributed to acetate as a precursor of lipogenesis might be modulated [7]
- Finally the results of this second study bring additional evidence to the facttebatextrin powder may be a useful tool in the modulation of satiety from 8-14g/day. and in weight management from 14g/day

Prebiotic effects of NUTRIOSE

A significiant increase in the saccharolytic flora bacteroides (benificial bacteria) in the feces of human volunt

after a 14-d consumptin of 10gwheat dextrine powder (study 31) - figure 1 after a 14-d consumption of 8g wheat dextrine powder (study #2) -figure 2





figure 1: bacteroides before and after a 14-days consumption of 10g/d nutriose (study#1) *p<0,05

figure 2 :bacteroides before and after a 14-day consumption of 8g/d nutriose *(study#2)

FiboFit Wheat Dextrin Powder

A significiant increase in the mean lactobacilli number (beneficial bacteria) in the feces of human volunteers

after a 35-d consumption of 45g wheat dextrine powder (study #3) -figure 3



figure 3: lactobacilli before and after a 35-day cosumption of 45g/d wheat dextrine powder(study #3) * :p<0.05

A significant decrease in the genus Clostridium perfringens (potentially harmful bacteria) in the feces of human volunteers



Wheat dextrin powder * has positive effects because it stimulates the proliferation of bacteroids (a colonic bacteria able to adapt to non-digestible carbohydrates) and the proliferation of lactobacilli (classifed as desirable colonic bacteria). wheat dextrin powder * also decrease clostridium perfringens, a potentially harmful gram-negative bacteria

These changes in the gut microflora following wheat dextrin powder* consumption are associated with the productoin of SCFAs, a decrease in the colonic pH and an increase in the fecal enzyme concentration (1,2,3) moreover preclinical studies have shown the potential beneficial role of wheat dextin powder * in the regulation of the visceral pain, in the regulation of the colonic inflammation and in the regulation of immunity @.

All these colonic effects are key criterias to alow making the link between wheat dextin powder properties and a recent definition of a prebiotic proposed by FAQ in 2007 @ a non-viable food component that confers a health benefit on the host associated with modulation .

How much fiber do you need?

• The Institute of Medicine, which provides science-based advice on matters of medicine and health, gives the following daily recommendations for adults

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Ag	e 50 or younger	Age 51 or older	
Man 38	grams	30 grams	
Woman 25	grams	21 grams	
		Ref: Institute of Medicine, 2012	

FiboFit Wheat Dextrin Powder

- Promotes Weight Management.
- Prevents Diabetes.
- Cholesterol-lowering Effect.
- Promotes Digestive Health

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