

# Power up your food products

PromOat<sup>TM</sup> beta glucan -  
a functional health ingredient for:


- Beverages
- Spreads & Mayo
- Baked goods
- Ready meals
- Supplements

## Powered by PromOat<sup>TM</sup>

- Easily incorporate the healthy benefits of oats into food and drinks
- No compromise on taste
- Indulgent mouthfeel
- Oat is perceived as both natural and healthy
- Clean label ingredient - no chemicals or e-numbers
- Use PromOat<sup>TM</sup> beta glucan as a tool in weight management, improved digestive health, fighting onset of type II diabetes and reducing the risk of heart disease

# A natural healthy ingredient

Promoat™ is a naturally separated beta glucan from oat which is free from oat taste and colour making it a more versatile functional food ingredient.



helps lower cholesterol  
slows down sugar release  
prebiotic for digestive health  
fat reducer and emulsifier

## **Promoat™ Beta Glucan**

Promoat™ is based on beta glucan, the soluble dietary fibre in oat bran that contains the functional and health benefits of oat.

## **Promoat™ - a functional ingredient**

Biovelop has a patented method for separating the beta glucan as a colorless and taste-neutral powder. The absence of colour and taste means that it can be used in most drinks and foods.

Promoat™ adds body as well as health benefits to a smoothie, juices, and yoghurt based drinks. In sports drinks, the beta glucan helps endurance athletes with energy and recovery.

The oat beta glucan in Promoat™ adds body and mouthfeel to food products and can therefore be used as a natural fat replacer in emulsions such as spreads, mayonnaise, dips, and creme fraiche style products.

In supplements, Promoat™ provides all of the health benefits as well as being a carrier of other components such as vitamins and minerals.

## **Promoat™ - a health booster**

It actively helps to lower cholesterol and modulate blood sugar levels. As a soluble fibre it supports beneficial bacteria in the human digestive tract – prebiotic effect.

## **Cholesterol reduction**

Beta glucan is proven to lower cholesterol which can be supported by health claims according to EFSA and FDA regulations.

## **Slows sugar release**

Promoat™ has the benefit of regulating blood sugar levels. This helps maintain a steady body weight, and benefits those at risk from diabetes type II.

Foods with Promoat™ will release energy more slowly and evenly. This leads to a feeling of satiety - boosting the feeling the fullness- and more sustained periods of energy.

## **Improved gut health**

High soluble fibre diet improves health and is linked to:

- long term protection against conditions such as diverticulitis and irritable bowel syndrome (IBS)
- improved digestion and less constipation
- more energy and vitality

## Applications



Promoat™ application areas:

- mayonnaise
- butter spreads
- dips & dressings
  
- sauces
- meat products
- baked goods
- ready meals
  
- smoothies
- juices
- yoghurt drinks
- sports drinks
  
- supplements
- slimming products

## Claims



Research has shown that 3g Beta Glucan per day reduces serum cholesterol and modulates blood sugar levels - Glycemic Index (GI).

A single serving of a drink – 200ml – should contain 0.75g of beta glucan for a heart health claim to be made.

Beta glucan is a Prebiotic - Prebiotics are the food for the good bacteria in the gut. This makes for a well functioning digestive system.

## Benefits



A food product with Promoat™ will leave you feeling fuller and with more energy.

Promoat™ releases the energy slowly so you will not need to refuel with more sugars.

This is good for staying alert and energized and it reduces the stress on your insulin metabolism.





# PromOat™

The goodness of oat

## PromOat™ Product Information

Description: PromOat™ is a naturally separated soluble dietary fibre from oat grain (1,3), (1,4) - Beta Glucan

Appearance: Fine White powder

Origin: 100% oat grain which is guaranteed non-GMO  
Guaranteed free of wheat grain residues

Label declaration recommendation: Oat bran soluble fibre

## Supply specification (chemical data)

Values expressed on dry matter	Value
Soluble $\beta$ glucan	34-36% * (Total Dietary Fiber : 36-38%)
Carbohydrate (oat maltodextrin)	52-54%
Protein	2-3%
Ash	3-4%
Fat	0.5-1%

(\* Beta Glucan content determined using AOAC method 995.16)

PromOat™ is supplied with a typical moisture content of 6.7%

Generates pH 6-7 when dissolved or mixed in water

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