

Sunfiber® AF

PREBIOTIC ANIMAL
FEED FIBER



- No side effects
- Gut health support
- 100% prebiotic
- High in dietary fiber





Sunfiber® for animal nutrition

Sunfiber® AF is a partially hydrolyzed guar gum that acts as water soluble dietary bean fiber derived from the endosperm of the Indian guar bean. It is commonly used as a feed additive in animal nutrition because of its ability to improve digestive function, increase nutrient absorption and reduce feed intake.

Some specific benefits of Sunfiber® AF in animal nutrition include:

1. **Improved gut health:** Sunfiber® AF can help to improve the health of the gastrointestinal tract by increasing the production of beneficial bacteria, reducing the incidence of diarrhea and improving the overall function of the digestive system.
2. **Increased nutrient absorption:** Sunfiber® AF can help to increase the absorption of nutrients in the gastrointestinal tract, which can lead to improved nutrient utilization and better overall health of the animal.
3. **Weight management:** Sunfiber® AF can help to reduce feed intake in animals, which can be beneficial for weight management and weight control.
4. **Improved immune system:** In poultry, Sunfiber® AF has been shown to reduce the growth of intestinal Salmonella, which can lead to a reduced need for antibiotics.
5. **Increased muscle growth:** In young animals (e.g. piglets) Sunfiber® AF increases muscle growth and gaining of lean body mass.

Overall, the use of Sunfiber® AF in animal nutrition can help to improve the health and performance of animals. It is important to note, however, that the use of any feed additive should be carefully considered and should be based on the specific needs of the animal.

What is Sunfiber® AF?

- 100% natural guar bean fiber
- Partially hydrolysed Guar Gum
- 100% water-soluble
- Tasteless, odorless and colorless
- No increase of feed viscosity
- 100% fermentable (=prebiotic)
- Supports a healthy gut microbiome
- Improves mineral absorption
- 100% Natural Material (ISO 19657:2017)

Benefits of Sunfiber® AF

- Approved for animal feed under Guar Gum (E412)
- No undesirable side effects
- No bloating, no cramping
- Decrease of fecal water
- No constipation (as with conventional Guar Gum)
- Low in calories
- Improves all 5 barriers of the gut immune system
- Supports muscle growth and muscle maintenance

Why is Sunfiber® AF better than Inulin?

- Inulin is a very short oligosaccharide that is fermented extremely quickly (high-FODMAP).
- Short-term side effects of Inulin: Flatulence, diarrhea, colic's and cramps.
- Long-term consequences of Inulin: Favoring the development of irritable bowel syndrome.
- Inulin tastes sweet as it contains 10-12% free fructose.
- Inulin is contraindicated in irritable bowel syndrome (Monash University).
- In Spain, the human consumption of Inulin products is limited by law to 9g per day, as excessive Inulin consumption can cause diarrhea. Therefore, these products must carry a warning.
- Sunfiber® does not cause diarrhea and is even helpful to reduce diarrhea.

Why is Sunfiber® AF better than conventional Guar Gum?

- Conventional intact Guar Gum has a very high molecular weight and very strong thickening properties.
- That is the reason why its dosage is limited to small quantities and always lots of water is needed to consume it.
- Sunfiber® AF is guar gum that is partially hydrolyzed so that it has much fewer thickening properties and can be used in higher dosages without increasing the viscosity of the food or the stomach.

