

ACACIA FIBER

A NATURAL FIBER ALTERNATIVE

A CLEAN LABEL INGREDIENT FOR DIETARY CLAIMS

A WIDE RANGE OF APPLICATIONS



ACACIA FIBER, A NATURAL FIBER ALTERNATIVE

Acacia Fiber is a high safety food additive also called Gum Acacia, which comes from an exudation of Acacia trees after the incision of their stems and branches. This natural product is a complex mixture of glycoproteins and non starch polysaccharide.

Acacia Fiber is odorless, tasteless, colorless and is high soluble in water. It has a low calorific value which makes it ideal for use in dietary products.

As **all-natural and vegetal hydrocolloids** coming from acacia trees, Acacia Fibers are allergen and GMO free, and do not present other fibers usual disadvantages (discomfort, side effects, unnatural synthetic additive, viscosity addition to the end product).

ACACIA FIBER, A SUSTAINABLE PRODUCT ORGANIC BY NATURE

At Alland & Robert, Acacia Fibers are carefully sourced in the “Gum belt”, located in the south of the Sahel, from Sudan to Senegal.

Acacia Fibers are sustainable, natural and vegetal ingredients, that:

- undergo no chemical treatment during harvest or at Alland & Robert factories.
- are not massively produced, as the harvest is hand made. Harvest technics often come from long traditional practices that have been developed by farmers for many years.
- do not damage acacia trees during the tapping, as it is a superficial cut. The harvest is part of an agro-ecological system, and the trees are useful to local population who can also use it as firewood or animal feeding.
- contributes to prevent desertification in Africa: acacia tree grows naturally in arid regions, contributing to slow down the advance of desert in Africa. When the trees are regularly harvested by farmers, the trees become an economic resource and will be better protected against deforestation, which causes decrease in land fertility, degradation of the ecosystem, disappearance of biodiversity...
- provides revenues and work to local population in Africa, in countries which can be the poorest in the world and areas that can be very remote. The gum acacia sector is a major growth opportunity, and will also allow to empower women who are involved in the business, while improving their contributions to family livelihood and well-being.

NATURAL AND GMO
FREE PRODUCT

NO NATURE
DAMAGE

NO CHEMICAL
TREATMENT DURING
PRODUCTION

PREVENT
DESERTIFICATION OF
AFRICAN REGIONS

LOW CARBON
EMISSION

PROVIDE REVENUE
FOR LOCAL
POPULATION

NO USE OF PESTICIDE
ON ACACIA TREES



HOW TO USE ACACIA FIBER ?

Acacia fiber can be added to any product formulation to increase the percentage of fiber. Products that may be fiber enriched include:

- Bakery products
- Beverages
- Nutritional bars
- Dairy products
- Meat
- Other health products

PRODUCTS BENEFITS

- Resistance to acidity and heat, which makes acacia fiber applicable for the formulation of many food products, including those produced in drastic conditions.
- No side effect.
- Neutral taste with very low viscosity.
- Low calorific value that is ideal for dietary use.
- PH compatible with milk proteins.
- Positive effect on rheology.
- Scientifically proven and recognized prebiotic effects.

AN EXCELLENT DIGESTIVE TOLERANCE

- No intestinal discomfort, no flatulence or abdominal cramps.
- Very slow fermentation: slight evolution of the acacia fiber content during the whole shelf-life of dairy products containing live lactic bacteria (to be compared to yoghurts formulated with inulin, FOS or GOS whose fiber content can rapidly decrease during storage).
- Minimal digestion in the small intestine combined with a slow fermentation in the colon.

ALLAND & ROBERT'S RANGE OF ACACIA FIBERS

Alland & Robert guarantees a **minimum fiber content of 90%** for all products of the Acacia Fiber range (international method AOAC 985-29). 3 granulometries are available: standard, medium (on request) or coarse (on request).

SEYAL GRADE REFERENCES



Acacia Fiber 381: A reference dedicated to fiber enrichment for all dietary purposes. Acacia Fiber 381 is a white or yellow-white powder, and may be added to product formulations to increase the fiber content.

Acacia Fiber 386: A reference that is slightly darker in color than Acacia Fiber 381. It can be used for fiber enrichment as well as for encapsulation purposes.

Acacia Fiber 339 Organic: A premium reference of high soluble fiber dedicated to enrichment for dietary applications (food, supplements, pharmaceuticals) and that is organic certified, .

SENEGAL GRADE REFERENCES



Acacia Fiber 396: A reference that can be used for both fiber enrichment and for emulsions. Acacia Fiber 396 is an alveolar structured spray dried powder insuring an easy flow, a good dispersibility and a quick dissolving at room temperature..

Acacia Fiber 399 Organic: A premium reference with the characteristics of Acacia Fiber 396 that is organic certified.

ALLAND & ROBERT

OUR GUARANTEE

Alland & Robert's Acacia Fibers are:

- GMO-free, allergen-free
- Halal and Kosher certified
- Suitable for vegetarian and vegan diets
- Shelf stable with a shelf life of 3 years



All products are available in 25kg paper bags, other packaging available on request.

LABELLING : Acacia gum or gum Arabic (Acacia fiber)

WHY CHOOSE ALLAND & ROBERT ?

- A strong expertise on acacia gum thanks to a dedicated R&D and laboratory team, investment in ultra modern equipments, research programs and exclusive partnerships with globally recognized universities.
- Production and laboratory that reach the highest quality standards through international certifications, including BRC and ISO certifications, HACCP procedures, social and societal commitment through a membership to the SEDEX.
- A strong will to develop the quality and safety of products through investments in highly technical production equipments on two different plants.
- Solid partnerships with an extensive network of African suppliers to ensure security of supply and work to develop local communities related to Gum Acacia.
- A focus on sustainable development, social investment and environmental awareness to maintain the natural quality of products, a sustainable harvest of natural resources and the respect of people and stakeholders.

ALLAND & ROBERT

www.allandrobert.com

Headquarter

9 rue de Saintonge
75 003 PARIS – FRANCE
Tel: +33 (0)144592131
Fax: +33 (0)142725438
email: info@allandrobert.fr

Production, Laboratory and R&D

125 Grande Rue
27 940 PORT-MORT – FRANCE

Production

Zone Artisanale Les Champs Chouette
27 600 SAINT AUBIN SUR GAILLON – FRANCE