

CHIA PROTEIN 42%

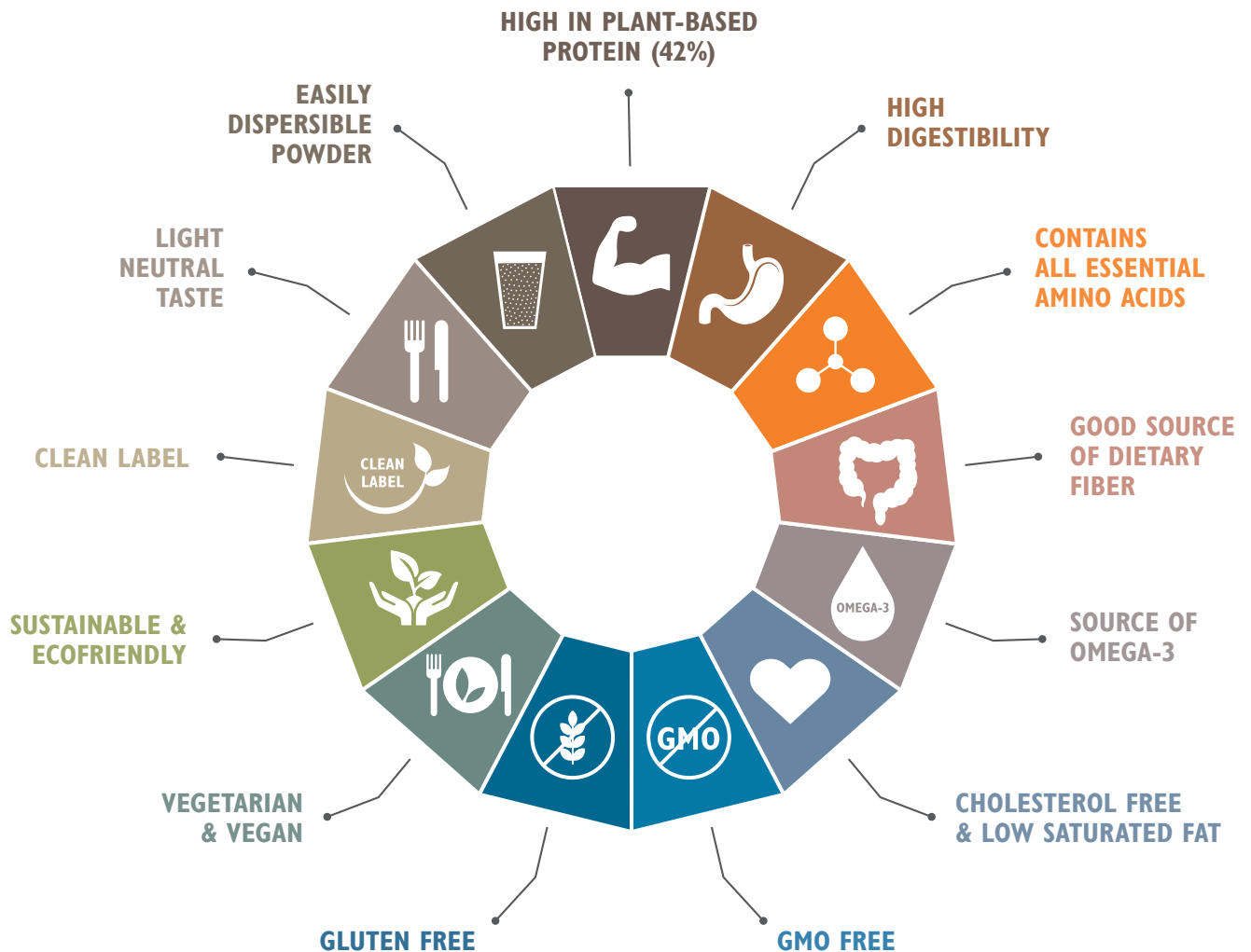
THE NEW MULTIFUNCTIONAL PLANT-BASED PROTEIN



XIA POWDER-125

Benexia® Xia Powder-125 is a multifunctional high protein chia extract that concentrates chia protein in a micro-milled format. It is a vegetal protein that is easily dispersible with good quality, low in saturated fat and with no cholesterol. It also has the advantage

of containing all essential amino acids and a high digestibility. Benexia® Xia Powder-125 is an excellent ingredient to help cover the daily protein requirements, as well as a large portion of the daily requirement of dietary fiber and omega-3 polyunsaturated fatty acids.



MICROTECH[®], TECHNOLOGICAL BREAKTHROUGH FOR CHIA SEED

PRESERVED NUTRITION AND EXTENDED SHELF LIFE

Benexia[®] Xia Powder-125 is processed by Microtech[®], a new exclusive and unique technology especially designed for chia: it is a natural and organic process that disaggregates the chia in micro-particles and guarantees the best shelf life, nutritional content and stability for this chia extract.

A CHIA PROTEIN CONCENTRATED IN A STANDARDIZED MICRO PARTICLE SIZE

MicroTech[®] provides a high quality product with particles size distribution 100% under 125 microns and concentrates the protein up to 42%, to offer an ingredient exclusively designed for beverage, nutritional supplements and liquid applications. Proteins powders and other blends will see their nutritional profile enriched in proteins, fiber and omega-3 with this innovative chia ingredient.

WHAT IS CHIA?

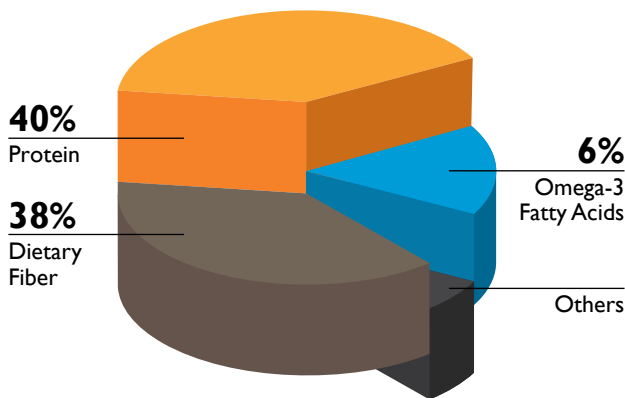
The chia seed is a small tiny seed that has a history and tradition of more than 3,500 years in the Aztec and Mayans civilizations thanks to the natural quality of its nutrients. It is the highest source of omega-3 found in nature.

The Benexia[®] Xia Powder-125 concentrates a high amount of protein extracted from the chia seed, besides providing a good content of dietary fiber and omega-3.



AN EXCEPTIONAL NUTRITIONAL CONTENT:

- 40% protein with all essential amino acids, high digestibility and bioavailability.
- Contains significant amount of glutamine (6.75g) and BCAAs (Leucine:Valine:Isoleucine 2:1:1).
- 38% of total dietary fiber, soluble and insoluble.
- 6% omega-3 fatty acids.
- Low in saturated fat.
- Allergen free.



HEALTH BENEFITS:

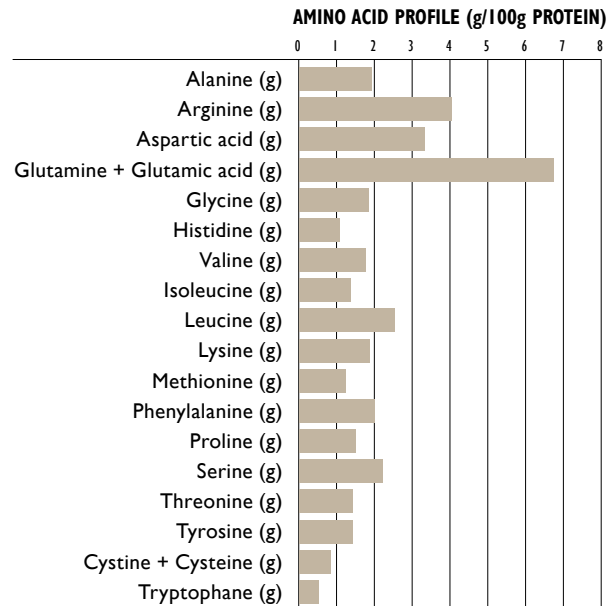
Benexia® Xia Powder-125 contains high quality nutrients: protein, dietary fiber, antioxidants, omega-3 fatty acids and minerals, that are supporting:

- Muscle mass and body tissues.
- Immunological system.
- Weight management.
- Cardiovascular risk prevention.
- Sport energy.

1. Hoffman JR, Falvo MJ. "Protein-Which is Best?" Journal of Sports Science and Medicine. 2004; 3:118-130.
2. Laetitia Guerin-Deremaux "Evaluation of the nutritional quality of NUTRALYS® Nutritional Study" Abstract N°12, V2, January 2010.
3. PDCAAS was unavailable for the hemp protein discussed in this article. Therefore, an estimation was made using on the basis of hemp seeds and hemp seed meal using data from this article: House JD, Neufeld J, Leson G. "Evaluating the quality of protein from hemp seed (Cannabis Sativa L.) products through the use of the protein digestibility-corrected amino acid score method." J Agric Food Chem. 2010 Nov 24; 58 (22):11801-7.

XIA POWDER-125: A REMARKABLE NEW PLAYER AMONG THE PLANT-BASED PROTEIN SOURCES

XIA POWDER'S AMINO ACID PROFILE



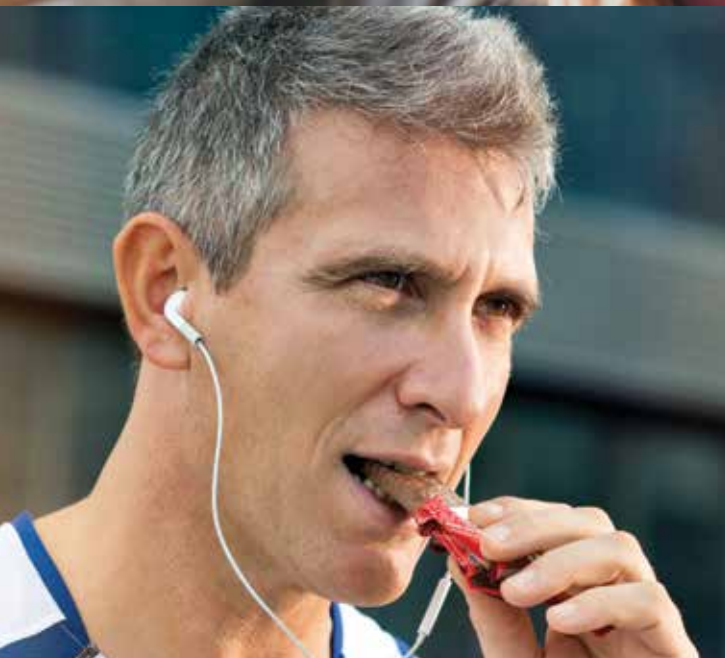
Analysis performed by Eurofins, France. Report Analysis N°AR-14-AA-006384-03

WITH AN AMAZING PROTEIN DIGESTIBILITY CORRECTED AMINO ACID SCORE (PDCAAS)

	XIA POWDER-125
AA Score	1,03
Digestibility %	0,92
PDCAAS	0,95

COMPARED PDCAAS WITH OTHER PROTEIN SOURCE

PROTEIN TYPE	PDCAAS	AA SCORE
Whey Protein ¹	1,00	1,14
Whole Egg ¹	1,00	1,21
Casein ¹	1,00	1,00
Soy Protein ¹	0,98	0,99
Xia Powder-125	0,95	1,03
Pea Protein ²	0,93	0,95
Beef Protein ¹	0,92	0,94
Hemp Protein ³	0,84	0,97
Wheat Gluten ¹	0,25	0,47



A NEW REVOLUTIONARY INGREDIENT:

TECHNOLOGICAL AND FUNCTIONAL PROPERTIES

- Standardized particle size <125 microns (mesh 120).
- Emulsifying, thickening and gelling ability.
- High binding power of fat and water.
- Excellent suspension in liquids, shakes or gels.
- Improves texture in the mouth.
- Easily dispersible.
- Totally or partially replaces milk or soy proteins.
- Provides nutritional synergy with other plants-proteins such as quinoa, pea or hemp.
- Resistant to thermal requirements and pH value fluctuations.
- With shelf life > 2 years.

PRINCIPAL APPLICATIONS

- Beverages (juice, smoothie, vegetal milk).
- Nutritional supplements.
- Sport nutrition.
- Dairy products.
- Dessert preparations.
- Fruit purees.





A LEADER IN THE INDUSTRY

Benexia® is, since year 2000, the biggest and the best quality producer of chia seed worldwide. Benexia® is specialized in chia seed extractions, that have been developed by experts to be implemented in Benexia's facility. These exclusive natural processes guarantee the superior quality of our products, and a CLEAN LABEL in your final finished product.

Benexia owns proprietary processes for all its products:



- Quality and food safety
- Extended shelf life
- Chemical and solvents free
- Natural extraction

We are different:

- We care for nature and the natural character of the products we offer.
- We own and protect our genetics.
- We guarantee the nutritional value of our products.
- We are socially responsible.
- All our products are fully traceable.

Our products are superior:



NOT ALL AGRICULTURAL PRODUCTIONS ARE SUSTAINABLE. OUR IS!

Benexia® is based on sustainable agriculture and raise everyday the challenge of “Eco Friendly” production. It was born from an initiative of a group of innovative growers in the 90's, with sustainability as a priority. Today it is one of the most important values of the company.

OUR TEAM AND THE BEST CUSTOMER SERVICE

A group of passionate people fully devoted to the product and to our customers, with a great sense of service and love for health and well-being. We offer support in Nutrition, Scientific & Regulation matters, with the best experts to assist your needs.

