PALBIO

50 RD

When invisible becomes substantial

Beyond gut health in aquaculture

Bioiberica

PALBIO
50 RD

Palbio® 50 RD is a raw material for animal nutrition based on **highly digestible hydrolyzed proteins,** obtained from swine intestinal mucosa thanks to the **Enzyneer®** technology.
It is a **safe source of high-quality proteins and functional peptides** that is obtained with a unique industrial process **(Enzyneer® technology)**. This process results in a product composed of **L-α-amino-acids and bioactive peptides**, which positively impacts the gut health of young animals and ensures a **consistent productive improvement** in aquaculture farms.

SECURITY IS PART OF OUR DNA

Enzyneer® technology is an original technology owned by Bioiberica based on **enzymatic hydrolysis**, which **guarantees the biosafety of the product**.

Palbio® 50 RD is **100% safe**. The raw material comes exclusively from **animals fit for human consumption**. The result of enzymatic hydrolysis leaves animal protein fragments with an average molecular weight of 600 Da, and all below 10kDa, eliminating any possible viral or prion structure. Certified by **Texcell-Pasteur Institut**.

CIRCULAR ECONOMY

Palbio® 50 RD is a **natural origin** product, and its origin and the whole production process lie on the **circular economy**, generating added value and **guaranteeing product safety**. It is a co-product of **Heparin** production and in its valorization process an important part of the water, energy and other auxiliary materials is recovered, recycled and reused, avoiding the generation of waste.

APPROVED FOR ALL SPECIES

PROVEN EFFECTS ON FINFISH *

Palbio® 50 RD is a high-quality protein that has a positive effect on the **intestinal health of aquaculture species**. Its routine use **improves the main productive parameters of the aquaculture farm, and reduces the operating costs** derived from a poor intestinal health of the animals.

FINFISH

- **Salmon:** Palbio 50 is an effective replacement of fishmeal in the diet. Productive results are maintained while significantly **reducing** feed **costs**.
- **Sea bream:** improves nutritional production parameters **ADG**, **FCR** and **weight** against diets formulated exclusively with plant proteins.
- **Trout:** Histological changes in intestinal cells by replacing fishmeal with feed supplemented with Palbio. **Decreased inflammation and increased Goblet cells**.

* Product-related claims are based on scientific evidence available upon request .

THE NATURAL SOLUTION FOR HEALTHY AND SUSTAINABLE GROWTH

Palbio® 50 RD **Features**:

Palatability.	**Hypoalergenic.**
Digestibility.	**Low molecular weight.**
Homogeneity and stability.	**High level of amino acids and oligopeptides.**

BIOIBÉRICA

MORE THAN 40 YEARS IMPROVING THE HEALTH AND WELL-BEING OF PEOPLE, ANIMALS AND PLANTS.

Since 1975 we have identified and developed biomolecules of high biological and therapeutic value, which are transformed into **high quality products for the pharmaceutical, nutraceutical, veterinary, food and agricultural industries**. Our production model is based on the use of raw materials of animal origin in the most efficient way.

We guarantee **full traceability and quality control** throughout the production process. We process the raw material in our 9 state-of-the-art manufacturing facilities, which comply with the most restrictive and up-to-date regulations and standards of good manufacturing practices (GMP+).

Bioiberica

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