



The power of enzymes,
the strength of technology

 **Bioiberica**
Taking life science further

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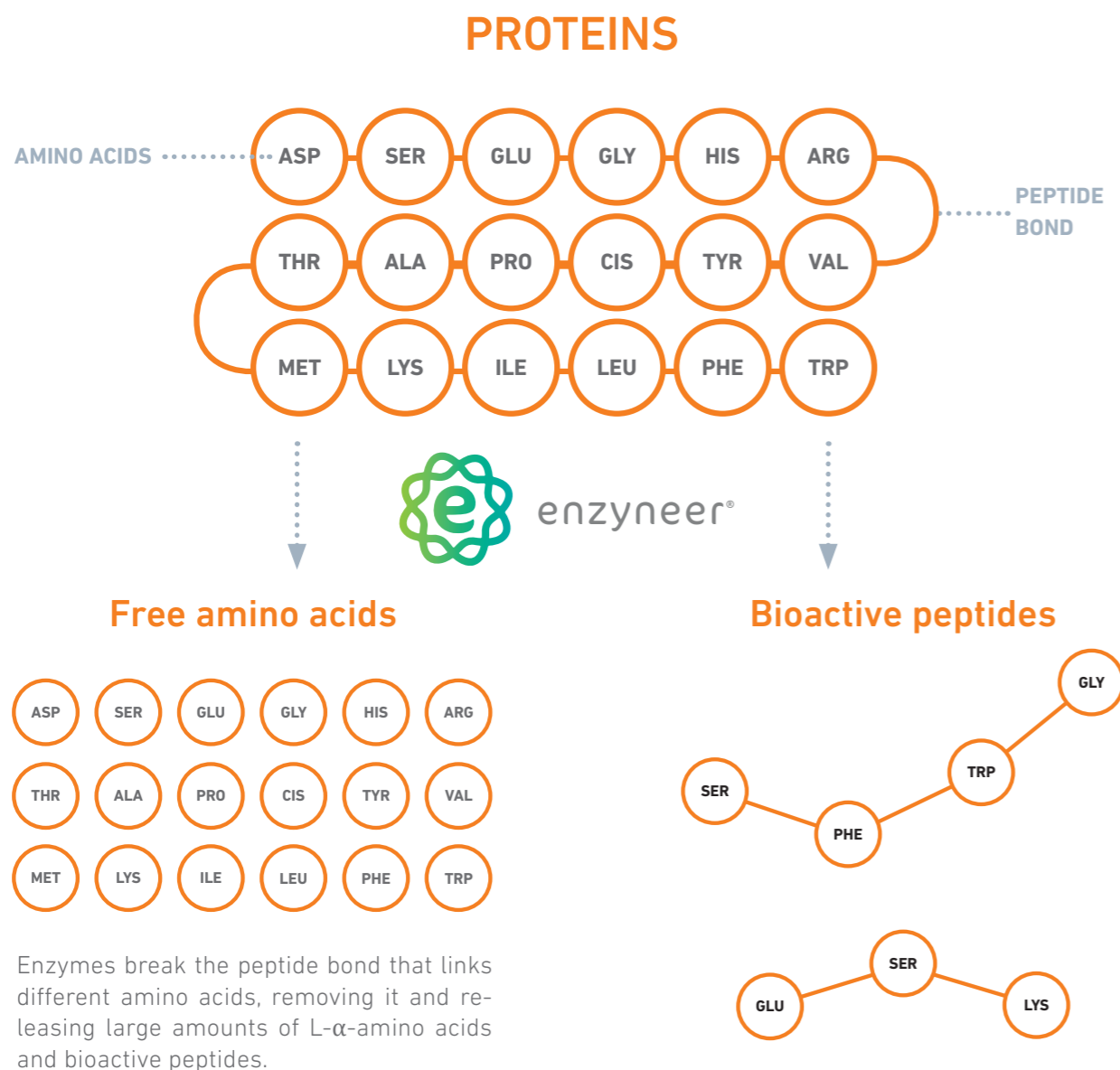
WHAT IS ENZYNEER®?

Enzyneer® technology, based on enzymatic hydrolysis, offers a natural and unique solution for obtaining hydrolysed protein compounds of high biological interest. It enables the obtention of L- α -amino acids, free amino acids in their functional form; as well as bioactive peptides, low molecular weight protein compounds with different biological activities.

This is possible thanks to the power of the enzymes used in the **Enzyneer® technology**, which, unlike other types of hydrolysis, act by selectively breaking down protein structures to release amino acids and peptides in their natural, active and functional state. This process, at an industrial level, must be carried out in facilities specific to the pharmaceutical industry.

WHY ENZYNEER®?

We use specific enzymes capable of selectively recognizing the junction point between two particular amino acids, ensuring that amino acids are released in the process without undergoing any alteration; they preserve their original conformation, the left-handed one, being directly absorbed and incorporated naturally in the metabolic processes.



ENZYNEER® ADVANTAGES

- Obtaining all the essential amino acids (complete aminogram).
- **High ratio of free to total amino acids.**
- Obtains all essential amino acids in significant quantities. **All are in their L- form**, the most biologically active form, which allows a very high digestibility.
- **Does not contain undesirable substances from the raw material or the manufacturing process** (sulfites and / or heavy metals).
- Carefully selected raw material of **natural origin**.
- Robust manufacturing process that allows for **homogeneous production batches**.
- **Guarantee of a process carried out** in a pharmaceutical facility.
- **Biosafety 100% guaranteed.** Enzyneer® technology also guarantees the total biosafety of its product, since the result of the enzymatic hydrolysis leaves protein fragments with an average size of 600 Da and they are all less than 10 kDa, eliminating any possible viral or prion structures.

PALBIO, WHEN THE INVISIBLE BECOMES SUBSTANTIAL

These compounds, obtained thanks to **Enzyneer® technology**, are the basis of the **Palbio product range**, a source of hidrolised proteins in the form of L- α -amino acids and bioactive peptides, used in animal nutrition and Pet Food.

Palbio, thanks to its components, has an outstanding digestibility and palatability, which **improves the intestinal health of the animals**, the feed consumption and conversion efficiency.

Product associated claims are based on scientific evidences available upon request.

