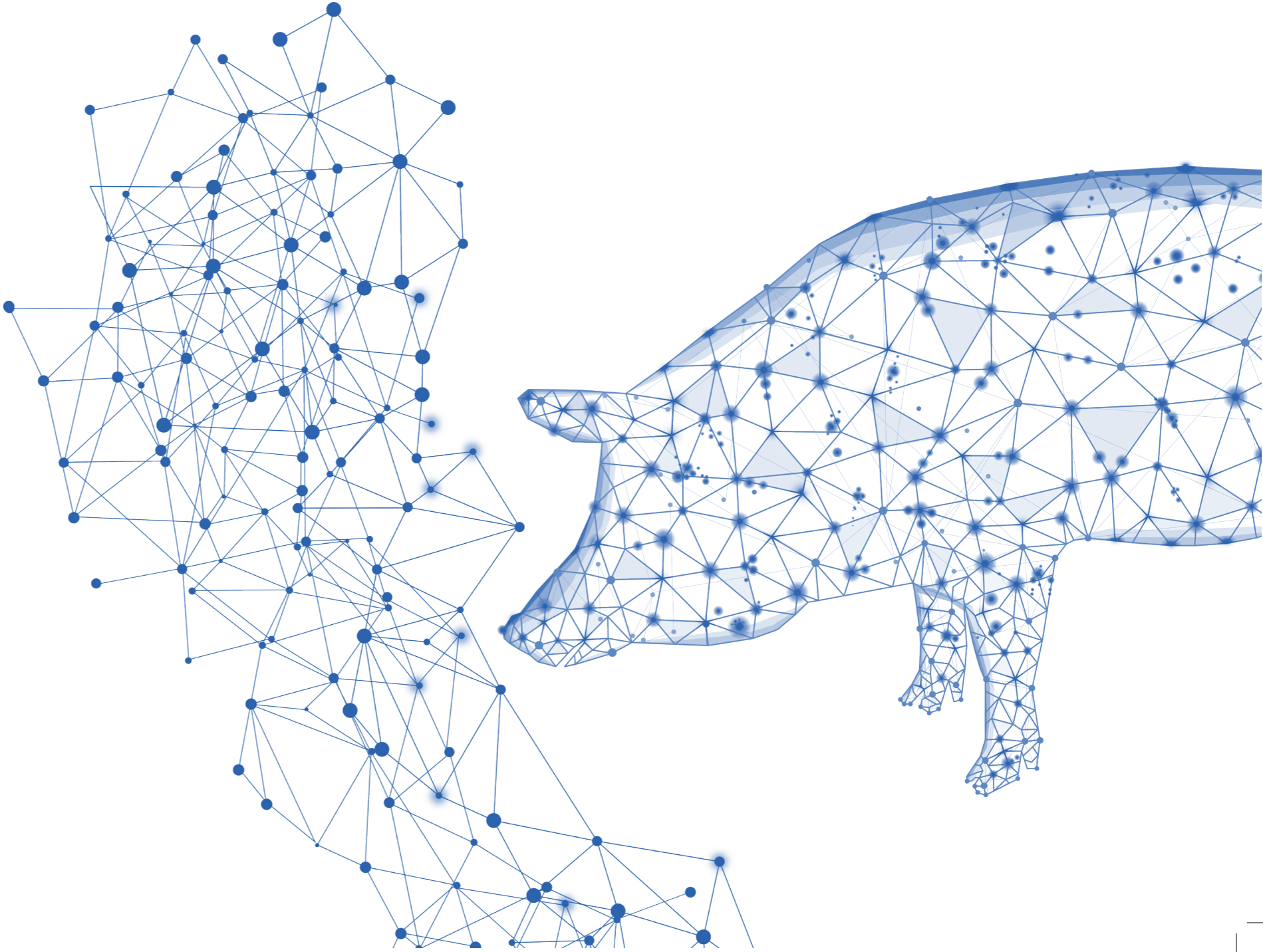


Security is part of our DNA



COMPANY CERTIFICATES



PALBIO CERTIFICATES



It's in our nature to be curious. To look closer, think bigger, and discover new possibilities.
TO TAKE LIFE SCIENCE FURTHER.

We've been doing it for **more than 40 years**, and as a **leading specialist in the global life science industry**, we keep exploring new horizons. We work to identify, extract and develop quality APIs and ingredients and turn them into high-quality products to progress the **pharmaceutical, nutraceutical, veterinary, feed and agricultural industries**.



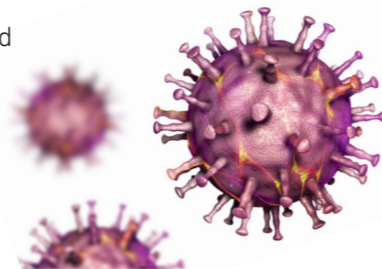
Animal Nutrition and African Swine Fever Virus

Our animal nutrition products are designed to improve the immunological and intestinal health of farm animals, aquaculture species and pets during early developmental stages.

We are **leaders in the development of high-quality hydrolysed proteins**, while also offering a range of highly concentrated nucleotides.

Our high-quality hydrolysed protein sources, **Palbio 50 RD and Palbio 62 SP**, are ingredients **obtained from porcine intestinal mucosa** as a co-product of the manufacturing of Heparin, a widely known pharmaceutical ingredient that is extracted from the same animal tissue.

The dramatic outbreak of **African Swine Fever Virus (ASFv)** in China and South East Asia in 2018 and 2019 has led to a production crisis in the Swine sector. This has also affected the use of compound feed and feed ingredients from animal origin, as the general belief that these ingredients can act as vectors of the virus, but this is completely incorrect if your supply chain has the proper quality standards.



SUPPLY CHAIN EXCELLENCE

Bioiberica, as a **vertically-integrated company**, guarantees **full traceability and quality control throughout the whole production process**.

Once the raw material is selected, it is then processed at one of **our nine state-of-the-art manufacturing facilities**. Located in the EU, the United States and Brazil, each site is fully compliant with the **most restrictive and up-to-date regulations and Good Manufacturing Practice (GMP) standards**.



The result: a product of the highest possible quality and safety.

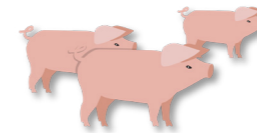
SIX-TIER SAFETY CONTROL SYSTEM

Bioiberica wants to state that **Palbio 50 RD and Palbio 62 SP are absolute safe products and, in any case, cannot transmit or contain the ASFv or any other virus.**

This is guaranteed by Bioiberica proprietary **SIX-TIER SAFETY** control system:

1

Porcine mucosa is obtained from healthy pigs fit for human consumption.



2

Our natural raw material is obtained from EU's free ASF countries slaughterhouses with official veterinary inspection.



3

Enzyneer, our technology of enzymatic hydrolysis, guarantees that all mucosa protein particles have molecular weights below 10k Da.



4

Texcell-Pasteur Institute certifies that our procedure removes, destroys and denaturalises any hypothetical viral DNA in the final product.



5

Batches can be PCR-certified to confirm the absence of ASFs.



6

Bioiberica Palafolls Industrial Plant is certified with GMP, FDA and GMP+ quality standards.



PALBIO 50 RD AND PALBIO 62 SP: SAFE, ASFv-FREE PRODUCTS

The use of **Palbio 50 RD and Palbio 62 SP** improves production parameters as they are a **source of highly digestible amino acids and oligopeptides with an excellent palatability**, which encourage the consumption of feed in early ages of the animals while facilitating the incorporation of these **essential nutrients**. Overall, **Palbio 50 RD and Palbio 62 SP** help nourishing the bodies of young animals and improve **intestinal health and development of the animals**.

Palbio 50 RD and Palbio 62 SP are products with more than 20 years of existence in the Animal Nutrition market with a proven track record of total biosafety.

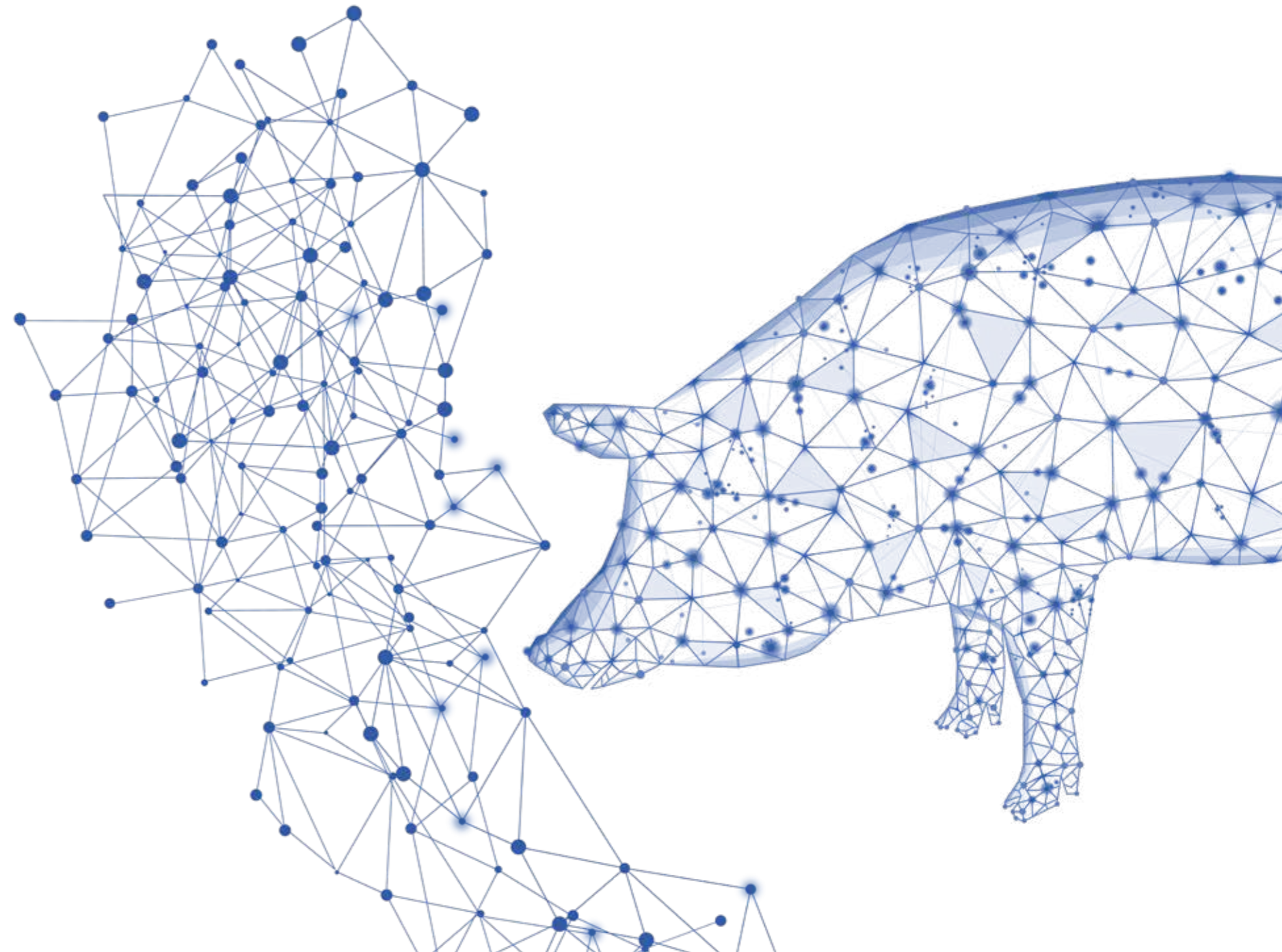


安全是我们的核心

公司认证



PALBIO认证



好奇是我们的天性。仔细观察，大胆思考，发现新的可能性。推动生命科学的进步。

我们已经拥有40多年的历史，而且作为生命科学行业的全球领先企业，我们一直在努力探索新的领域。我们致力于甄选、提取和开发优质的API及其相关成分，并将其转变为高质量的产品，以促进制药业、营养保健行业、兽医、饲料和农业领域的发展。

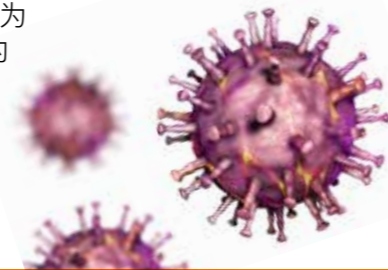


动物营养与非洲猪瘟病毒

我们针对动物设计的营养类产品，旨在改善农场动物、水产养殖物种和宠物在其早期发育阶段的免疫力和肠道健康。

我们是优质水解蛋白开发领域的领先企业，同时也提供含有高浓度核苷酸的一系列产品。我们的优质水解蛋白 Palbio 50 RD和Palbio 62 SP是从猪肠粘液中获得的，它是肝素生产的副产品，而肝素是从同一动物组织中提取的一种广为人知的药物成分。

非洲猪瘟(African Swine Fever Virus)于2018年和2019年在中国和东南亚的突然爆发导致了养猪业的危机。这也影响到复合饲料和动物源性饲料的使用，因为人们普遍认为这些成分会成为病毒的载体，但这一看法是完全错误的，只要产品的供应链符合适当的质量标准就不会有该风险。



卓越的供应链

Bioiberica, 作为一家垂直一体化的公司，保证在整个产品生产过程的追溯性及其质量管控。

一旦选定了原材料，将开始在我们九个最先进的制造厂之一开始其生产过程。我们在欧盟、美国及巴西的每家工厂，都完全符合最严格和最先进的规定及良好生产规范(GMP)标准。



其结果是:高质量、高安全性的产品。

六级安全控制系统

Bioiberica 在此声明Palbio 50 RD和Palbio 62 SP是绝对安全的产品，在任何情况下，都不会传播或包含非洲猪瘟病毒或任何其他病毒。

这一点得到Bioiberica拥有的六级安全控制系统的保障:



PALBIO 50 RD 和 PALBIO 62 SP: 不含非洲猪瘟病毒的安全产品

使用Palbio 50 RD和Palbio 62 SP可以改善生产指标，因为它们是高消化性氨基酸和寡肽的来源，且具有极好的适口性，可以有效提高婴幼儿期动物的进食量，同时促进这些基本营养素的吸收。总之 Palbio 50 RD 和Palbio 62 SP 能够有效为婴幼儿期的动物提供营养并促进其肠道健康与发育。

Palbio 50 RD and Palbio 62 SP 是动物营养品市场中拥有20多年历史的产品，并且在生物安全性方面具有良好记录。

