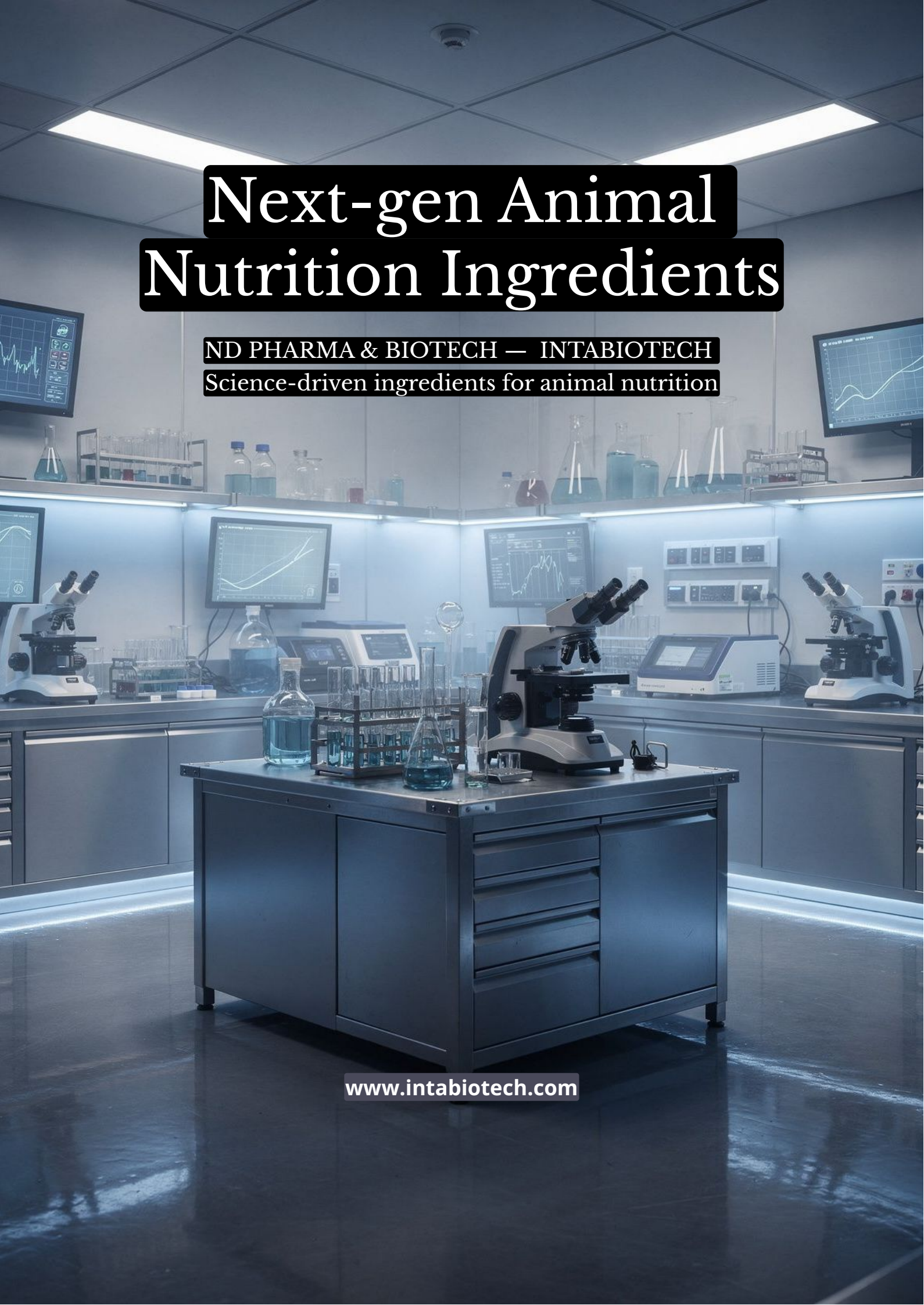


Next-gen Animal Nutrition Ingredients

ND PHARMA & BIOTECH — INTABIOTECH

Science-driven ingredients for animal nutrition

www.intabiotech.com

ND Pharma & Biotech - INTABIOTECH SL

ANIMAL NUTRITION INGREDIENTS

Ingredients of animal origin, hydrolysed proteins and specialised nutritional solutions for animal feed and petfood.

SCIENCE INGREDIENTS INNOVATION

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01

Ingredients that open up new possibilities

Innovation and specialisation in animal nutrition

Our **Animal Nutrition Ingredients** range brings together specialised raw materials for petfood and animal feed formulations, developed with criteria for quality, traceability and technical performance for every application.

Animal proteins

Complex nutritional matrices with balanced amino acid profiles for highly digestible formulations.

Hydrolysates & Peptides

Differentiated technological properties: enhanced palatability, solubility and easy incorporation into industrial processes.

Egg & Fractions

Highly specific fractions that deliver emulsifying, foaming and nutritional functionality.

Alternative sources

Collagens and marine proteins as sustainable alternatives with functional value for new formulations.



02

Egg & Animal Protein Ingredients

Ingredients of egg and animal protein

Raw materials of egg and animal protein with great technological versatility for petfood formulations, from functional fractions to mineral and protein sources of avian origin.

Egg Yolk Powder — Egg yolk powder

Proteins and lipids from dehydrated yolk with good technological properties for emulsion, structure and texture in wet and dry matrices.

Egg Shell Powder — Eggshell powder

Highly bioavailable mineral source of calcium for animal feed formulations that require a balanced mineral contribution.

Chicken & Duck Liver Powder — Liver powder

Avian chicken and duck liver for specialised nutritional matrices, with an intense flavour profile and a contribution of micronutrients.

Duck Meat Powder — Duck meat powder

Avian protein for dry and wet formulations, with good digestibility and the capacity to integrate into matrices with a high protein content.

Applications: dry and wet foods, nutritional snacks and new protein matrices.

03

Protein Hydrolysates & Palatability

Hydrolysed protein and speciality animal ingredients

Hydrolysis modifies the original proteins and generates peptides and amino acids with differentiated technological properties, useful for assessing digestibility, solubility or sensory behaviour. This transformation makes it possible to adapt each raw material to the specific requirements of every petfood formulation.

1

Pork Liver Peptide Powder

Pork liver peptide hydrolysate obtained by enzymatic hydrolysis, characterised by its degree of hydrolysis. Its defined peptide profile makes it useful for assessing digestibility and palatability in high-value formulations.

2

Chicken Bone Broth Powder

Dehydrated poultry broth for formulations that value its nutritional and sensory profile. It provides natural aroma and flavour that improve the acceptance of the final product by the pet.

3

Chicken Fat Powder

Poultry fat fraction for formulations, depending on composition, presentation and oxidative stability. Its fatty acid profile contributes to palatability and to the energy content of the diet.



04

Collagen & Marine Proteins

Colágenos y proteínas de origen marino

Collagens and hydrolysates: ingredients for specialised protein formulations. Origin, processing and molecular distribution define their characteristics, their behaviour in formulation and their suitability for each application.

Bovine Hyper-Hydrolyzed Collagen

Bovine collagen of advanced hydrolysis, with low molecular weight fractions that favour high solubility and rapid absorption in specialised protein formulations.

Hydrolyzed Fish Collagen

Peptides of marine origin with high solubility and potential bioavailability, suitable for formulations requiring a light protein profile and easy incorporation.

Fish Meal

High-value marine protein source with excellent nutritional quality; its characteristics depend on the species used and the processing method applied.

Parámetros clave de selección

1 Protein & Amino Acids

Total protein and complete amino acid composition, including the essential amino acid profile and its relationship to nutritional value.

2 Molecular distribution

Molecular weight profile that determines digestibility, solubility and the functional behaviour of the ingredient.

3 Traceability & Origin

Species, geographical origin and documented quality, with complete records that guarantee safety and transparency across the supply chain.

4 Stability

Moisture, ash, lipids and behaviour during processing, assessed to ensure product preservation and performance during storage.

05

Specialty & Alternative Ingredients

Specialty ingredients and new nutritional sources

We explore specialised raw materials and alternative protein sources against criteria of technological utility, safety and industrial viability. Each ingredient is assessed according to its origin, its functional profile and its fit within petfood and animal nutrition formulations, always within the currently applicable technical and regulatory framework.

Chondroitin Sulfate

Avian-derived chondroitin sulphate, under technical and regulatory evaluation for specific formulations. Its use is oriented towards joint support applications, with purity and traceability specifications that must be validated before incorporation.

Egg Shell Membrane & Colostrum

Eggshell membrane and powdered bovine colostrum, of high biological value and under evaluation for advanced formulations. Both materials provide bioactive components of functional interest, whose stability and dosing are the key parameters under assessment.

Green-Lipped Mussel Powder

Green-lipped mussel powder (*Perna canaliculus*), with a nutritional profile of functional interest in petfood. Its lipid and protein composition is valued, as is the documented quality of its marine origin.

Insect-Derived Proteins

Hermetia illucens and *Tenebrio molitor* powders: sustainable protein sources under technical and regulatory evaluation. They represent a low environmental impact alternative, with analysis of digestibility, amino acid profile and regulatory compliance in every batch.

Availability is subject to specifications, technical qualification and applicable regulatory requirements.



06

Applications & Formulation

Ingredients for diverse industrial needs

A selection aimed at manufacturers, formulators and animal nutrition companies: dry and wet feeding, and bespoke formulation. Each ingredient is assessed against the feeding system, the target nutritional profile and the palatability and processing requirements of each project.

Pet Food Formulation

Dry, wet and specialised preparations, developed to cover different life stages and dietary needs.

Protein Ingredients

Animal, avian, marine and hydrolysed proteins, selected for digestibility, amino acid profile and compatibility with each formulation.

Palatability Development

Sensory profile trials across different feeding systems, to optimise acceptance and intake by the animal.

Specialised Animal Nutrition

New protein sources, mineral fractions and compositions tailored to specific nutritional requirements.

Custom Formulation Projects

Ingredient combinations adapted to the client's objectives, from the concept stage through to validation in production.

07

ND Pharma & Biotech

A technical approach to the ingredients industry

We integrate knowledge of raw materials, food technology and solution development for professional applications, meeting the technological, nutritional and commercial requirements of each client, from the first assessment through to continuous industrial supply.

Technical Selection

Assessment of ingredients according to their physicochemical characteristics, nutritional composition and application potential, comparing alternatives to find the raw material that best meets each technical objective.

Product Development

Incorporation of raw materials into new formulations, with evaluation of their technological behaviour in processing, stability, texture and performance, and iterative adjustment until the agreed specifications are achieved.

Documentation & Traceability

Review of specifications and quality documentation to ensure technical and regulatory suitability, with complete traceability of the origin and history of each batch supplied.

B2B Collaboration

Technical and commercial liaison for industrial supply projects, tailored to the requirements of each client, with continuous follow-up from the first contact through to delivery and after-sales support.



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Technical and commercial enquiries

Request specifications and availability for the references of your interest. Our technical team will advise you on the suitability of each ingredient for your formulation, taking into account your nutritional, technological and application requirements.

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Presentation note

Preliminary catalogue. The availability and suitability of each ingredient will be subject to technical, documentary and regulatory qualification. Applications are indicative and do not constitute claims of efficacy.

Legal notice

This is an informational document. It does not constitute a binding offer, an invitation to treat, nor a guarantee that every reference included in this catalogue is available in all countries and territories. These product references are primarily marketed intentionally for the USA and Latin America. Some references are fully authorised under current EU regulations. Others, however, are not yet authorised or are in the process of authorisation or review by the competent EU Authority.

08

Contact Sales

INTABIOTECH, S.L. — Let's talk!

Get in touch with our team to discuss your needs, request a quote or explore supply options. We are the commercial licensee of The ND Pharma & Biotech Co., with clients in more than 50 countries. Our team supports you from the first technical consultation through to final delivery, with personalised follow-up at every stage.



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