

Spanish Green Biotech Pipeline*

INGREDIENTS, ADDITIVES AND PROBIOTICS

	Company	Name or description	Indication / Property	Applications	R&D	Validation	Register	Patent	Available in the market
a	AB-Biotics	AB-Life	Probiotic formula which achieves a 14%-18% reduction in cholesterol levels (total, LDL and ox-LDL) according to clinical studies	Food supplement, dairy products, beverages	v	V	~	v	✓
a	AB-Biotics	AB-Fortis	Patented micro-encapsulation system to provide all the recommended daily amount of iron in a single dose without side effects	Dairy industry and nutritional supplements containing iron and vitamins	v	v	~	v	✓
a	AB-Biotics	AB-Dentalac	Probiotic formula for a global oral health, with bactericidal activity against the most common oral pathogens	Chewing gums, oral care products, syringes	v	<i>V</i>	~	v	✓
a	AB-Biotics	I3.1	The first probiotic formula which produces a global improvement of quality of life in IBS patients	Pharma: capsules or sachets	<i>'</i>	·	V	<i>'</i>	
(a)	AB-Biotics	AB-Colic	Probiotic formula for infantile colic, designed to be orally administered in an oil-based solution	Dairy products, infant formula. Capsules, drops, sachets	·	·	·	·	
(a)	AB-Biotics	AB-Intimus	Probiotic which adheres to the vaginal epithelium and displaces Candida infections, surviving the increased concentrations of antimicrobials	Vaginal care products	·		·		
(a)	AB-Biotics	AB-VitaminK	Probiotic formula based on lactic acid bacteria which produces menaquinone (vitamin k2) for improving bone and vascular health	Food supplement	·				
	ALGAENERGY	AlgaeFood®	High level of polyunsaturated fatty acid, w3 type (EPA, DHA and ARA), proteins (essential aminoacids), vitamins, carotenoids, etc	Oils and fats / Others / Natural Products	v	·	v	V	✓
LGAENERGY	ALGAENERGY	AlgaeFood®	Strains and extracts. Functional foods	Functional ingredients					
(5)	Bioibérica	Inmunactive	Food supplement with nucleotides to help stimulate the immune system	Sport Nutrition					
(B)			<u> </u>	·					
IBERICA	Bioibérica	Tendoactive	Food supplement recommended for tendon pain	Sport Nutrition					
(D)	Bioibérica	Artroactive	Food supplement recommended for athletes who wear down their articular cartilage	Sport Nutrition	/	~	V	/	'
(b)	Bioibérica	Hialsorb	Cream for the nutrition of athletes' joints	Sport Nutrition	~	~	~	~	~
(5)	Bioibérica	Chondroitin Sulfate	Osteoarthritis treatment	APIs (Active Pharmaceutical Ingredients)	~				
(5)									
BERICA	Bioibérica	Glucosamine	Osteoarthritis treatment	APIs (Active Pharmaceutical Ingredients)					
D.	Bioibérica	Hyaluronic Acid	Osteoarthritis treatment	APIs (Active Pharmaceutical Ingredients)	~	~	V		~
(B)	Bioibérica	Hyal-Joint	Helps keep hyaluronic acid concentrations within a healthy range, thereby promoting comfortable joint mobility and reducing stiffness	APIs (Active Pharmaceutical Ingredients)	~	~	~	~	~
(5)	Bioibérica	Collagen	Food supplement ingredient for joints	APIs (Active Pharmaceutical Ingredients)					
BERICA			··· · · · · · · · · · · · · · · · · ·	<u> </u>					
b.	Bioibérica	Mucopolysaccharides	Food supplement ingredient for joints	APIs (Active Pharmaceutical Ingredients)					
opolis	BIOPOLIS	Microorganisms and compounds as biopreservatives	Improving a product's useful life and organoleptic and microbiological quality using microorganisms	Fish processing and preservation	~	~			~
iopolis	BIOPOLIS	Prebiotics	Gastrointestinal health improvement; confirmation of benefit in final product	Dairy industry / Bakeries / Mineral water and soft drink bottlers	~	V			~
Biopolis	BIOPOLIS	Probiotics with specific activity: Intestinal inflammation <i>Bifidobacterium longum</i> ES1	Anti-inflammatory effects	Nutritional supplement / Dairy industry / Bakeries / Mineral water and soft drink bottlers	~	·	~	~	V
Biopolis	BIOPOLIS	Probiotics with specific activity: Immune systhem <i>Bifido</i> bacterium breve CNCM I-4035, <i>Lactobacillus paracasei</i> CNCM I-4034, <i>Lactobacillus rhamnosus</i> CNCM I-4036	Active immune system	Nutritional supplement / Dairy industry / Bakeries / Mineral water and soft drink bottlers	~	~			~
Bopolis	BIOPOLIS	Bioactive peptides in cocoa	Preventing Alzheimer and hypertension; confirmation of benefit in final product	Sugar, cocoa and chocolate	~	·	·	~	Licence ava
© search life	BIOSEARCH	EUPOLY-3®	LC-Omega 3 oil (powder, emulsion and oil) for functional foods and nutraceuticals, with excellent organoleptic properties	Olive / seed / Dairy industry / Beverage industry / Bakeries / Meat / Fish industry / dietary supplements / Infant nutrition	~		·		actives pro
2)	DIOCEADCH	UEDEDITIIM/®							
earch lift	BIOSEARCH	HEREDITUM®	Probiotics isolated from human breast milk for the prevention of infant infection	Infant nutrition / Dietary supplements					
earch life	BIOSEARCH	HEREDITUM®	Probiotics isolated from human breast milk for the treatment of lactational mastitis	Women Health / Dietary supplements					
earch life	BIOSEARCH	CARONOSITOL®	D-chiro-inositol (DCI) from Carob for Polycystic Ovary Syndrome (PCOS) Hops Dry Extract (<i>Humulus lupulus</i> L.) standardised in 8-Prenylnaringenin,	Women Health / Dietary supplements	~	~	V	✓	V
arch life	BIOSEARCH	EXXENTIA®	8-PN to alleviate menopausal discomforts	Women Health / Dietary supplements	/				
) earch life	BIOSEARCH	HYDROLIV PLUS™	Hydroxytyrosol (≥15%) extract from olive fruits with a strong antioxidant character	Olive / seed oils industry / Dairy industry / Beverage industry / Bakeries / Meat / Fish industry / dietary supplements	•	~			~
TEVE	ESTEVE	Triptomax	Food supplement recommended during periods of stress	Nutrition	/	✓	V	~	V
TEVE	ESTEVE	Gama Diabalance	Products to facilitate life and care of people with diabetes in their daily lives	Diabetic nutrition	V	✓	V	V	V
MARABA	FARMARABA	Microalgae	Polyunsaturated fatty acid, Omega 3 oil; proteins, vitamins, carotenoids, etc	Functional foods and Nutraceuticals	~				
men)-suc	FECYT	Probiotic	New probiotics with antibacterial properties to prevent caries	Oral care products / Food supplement	/	✓		/	
	Fundacion MEDINA	Natural preservatives	Extracts with antimicrobial activity	Food Manufacture	~				
Tal	LEITAT	Enzymatic interesterification of fats and oils, and fat crystallisation	Improve the nutritional profile of food products	Oils and fats / Dairy industry / Sugar, cocoa and chocolate	'				
-	LEITAT	Natural derived ingredients	Extracts from Mediterranean Flora with certain functionalities which could be used in food (antimicrobial, antioxidant, etc)	Food additives, feed additives, supplements	•				
oto	NATAC	Herbal extracts	Innovative herbal ingredients		~	~	'	~	
ото	NATAC	Functional lipids	Olive oil concentrates in polyphenols as hydroxytyrosol, triterpenoids, sterols, etc	Nutraceuticals / Olive / Seed oils industry / Dairy industry / Beverage industry / Bakeries / Meat / Fish industry / dietary supplements	~	~	~	~	~
lote	NATAC	Olive extracts	Oleanolic acid (98% purity), maslinic acid, hydroxytyrosol (20%). ALLOLIVE full plant profile olive extract	Nutraceuticals / Olive / Seed oils industry / Dairy industry / Beverage industry / Bakeries / Meat / Fish industry / dietary supplements	~	~	~	~	/
lote	NATAC	Omega-3	Highly concentrated omega-3 products with low content of phytanic acid		~	~	~	~	~
OPHARMA	Lipopharma Therapeutics	Cardionesa (Cardionnaise)	No cholesterol, and it lowers both blood pressure and the levels of triglycerides	Sauce manufacturers	✓				
ргох вотво	Seprox Biotech	Hydroxytyrosol, hydroxytyrosol acetate and DOPAC	Reduction of the oxidising effects of free iron and heme in meat	Meat industry	~				
ргох вотво	Seprox Biotech	Hydroxytyrosol, hydroxytyrosol acetate and DOPAC	Protection against colon cancer and reduction of contamination by pathogens in human food products	Meat industry / Fish processing and preservation / Fruit and vegetable processing and preservation / Dairy industry	v				
						Health claim	Register like		Avalaible in

BIOPROCESSES AND OTHER TECHNOLOGIES

	Company	Name or description	Indication / Property	Applications	R&D	Validation Regist	er Patent	Available in the market
A Biomedal	Biomedal	R&D and innovation (RDI) services: RDI consulting and project execution	Technological solutions for the food industry	Food producers of all types	~	V		V
Biopolis	BIOPOLIS	Fermentation starters	Ensure that fermentation takes place at the proper time and with the selected microorganisms, ensuring uniformity between product batches, control over fermentation time and final product quality	Meat industry / Dairy industry / Bakeries / Alcoholic beverages	~	~		~
Biopolis	BIOPOLIS	Functional evaluation and validation (in vitro and in vivo) of functional ingredients and functional foods	Functionality confirmation in the final product (oxidative stress, obesity, neurodegeneration, diabetes, anti-microbial infection, etc)	Dairy industry / Sugar, cocoa and chocolate	~	V		V
Biopolis	BIOPOLIS	Characterisation of the enzyme profile in commercial products	Improvement and optimisation of enzymatic processes by selecting the commercial product that offers the best yield on the basis of customer needs	Dairy industry / Bakeries / Sugar, cocoa and chocolate	~	✓		V
Biopolis	BIOPOLIS	Assessment of waste and byproducts	Pursuit of "zero waste" and value-added use of byproducts in the same or other industries, reducing costs and tapping new revenue sources	Food producers of all types	~	V		~
Biopolis	BIOPOLIS	Process enhancement and optimisation	Solution to production problems, with possibility of scaling solutions up to industrial scale to test efficacy	Food producers of all types	~	V		✓
NEARMARADA	FARMARABA	Microalgae	Full utilisation of biomass	Functional foods (biscuits, cookies, juice, ice cream)	/			
LEARMARABA.	FARMARABA	Bioconversion by microorganisms	Isoflavones, aglycones	Functional foods and Nutraceuticals	V			
	Fundacion MEDINA	MEDiscovery	Bioactive Molecule Discovery Platform	Food producers of all types				
	Fundacion MEDINA	MEDScreen	High Throughput Screening of Biotechnological Products	Food producers of all types				
	Fundacion MEDINA	MEDmicro	Microbial Fermentation & Scale Up Platform	Food producers of all types				
	Fundacion MEDINA	MEDchemistry	LCMS & NMR Analytical Platform	Food producers of all types				
Gren	GLEN BIOTECH	Dry formulation based on Bb203	Biological product base on Beauveria bassiana against Red Palm Weevil	Integrated Pest Management of Red Palm Weevil		V	~	
Gren	GLEN BIOTECH	Solid fermentation processes	Dry formulation based on biological control agents as fungi to control pest without water	Production of biological control agents as fungi				~
GP	GP-PHARM		Micro nanospheres for release injectable products of peptide		~	v v	~	✓
Celebrate Determined	LEITAT	Enzymatic interesterification of fats and oils, and fat crystallisation	Improve the nutritional profile of food products	Oils and fats / Dairy industry / Sugar, cocoa and chocolate	~			
LEITET	LEITAT	Reuse of byproducts and coproducts: production of functional products	Production of products for the cosmetic / food / pharmaceutical industry and for animal feed	Oils and fats / Dairy industry / Sugar, cocoa and chocolate / Fish processing and preservation / Fruit and vegetable processing and preservation	~			
LEITET	LEITAT	Plasma for sanitising	Sanitising surfaces for food	Oils and fats / Dairy industry / Sugar, cocoa and chocolate / Fish processing and preservation / Fruit and vegetable processing and preservation	~			V
LEITET	LEITAT	Microencapsulation	Protection of active ingredients / Controlled release / Avoidance of organoleptic problems	Dairy industry / Sugar, cocoa and chocolate / Fruit and vegetable processing and preservation / Bakeries	~			
LEITAT	LEITAT	Biofilms	Study of biofilm formation and validation of technologies for biofilm removal	Oils and fats / Dairy industry / Sugar, cocoa and chocolate / Fish processing and preservation / Fruit and vegetable processing and preservation	~			
Plant @ Response	Plant Response Biotech	Elicitor to stimulate plants' innate immunity	Crop treatment to prevent diseases and increase yields	Fruit and vegetable processing and preservation	V	✓	~	
Plant @ Response	Plant Response Biotech	Validation of biostimulants	Improving the quality and shelf life of fruit and vegetables	Fruit and vegetable processing and preservation	V	✓	~	
Plant @ Response	Plant Response Biotech	Metabolites for plant abiotic stress protection	Crop treatment to prevent abiotic stress and increase yields	Food producers of all types	~	✓	V	
VWACELE!	Vivacell Biotechnology Spain	Scientific certification of biological activity of foods, extracts and functional ingredients	Studies in vitro and in vivo of the impact on obesity and metabolic syndrome, ageing, cardiovascular system, immune system, neuroprotection and nutricosmetics	Applicable to all industries				✓



Spanish Bioindustry Association

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sioindustry Association, encompasses over 270 firms, associations, foundations, universities, technology an search centers which carry out activities directly or indirectly related to biotechnology.

*Based on data provided by ASEBIO associated companies. APRI

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FOOD SAFETY AND SUBSTANCE DETECTION

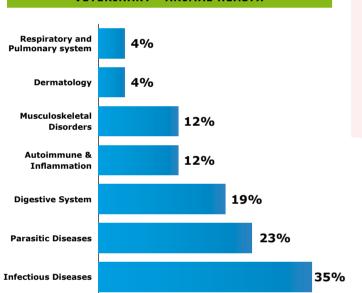
Company	Name or description	Indication / Property	Applications	R&D	Validation Register	Patent Available in the market
Ar Biomedal Biomedal	GlutenTox Sticks	Immunochromatographic strips for detecting gluten in foods	Food producers of all types	V	✓	✓
A Biomedal Biomedal	GlutenTox ELISA Sandwich	ELISA assay for quantification of gluten in food samples	Food producers of all types	~	✓	~
# Biomedal	GlutenTox ELISA Competitive	ELISA assay for quantification of gluten in food samples suitable for hydrolysed samples	Food producers of all types	~	✓	✓
A Biomedal Biomedal	GlutenTox Pro	Test for gluten detection	Food producers of all types and handlers	~	~	✓
A Biomedal Biomedal	GlutenTox Home	Rapid test for gluten detection	Celiac	~	✓	~
Proceeded Biomedal	GlutenTox READER	Immunochromatographic strip reader	Any food industry that performs gluten tests using GlutenTox Sticks	~	~	✓
Ar Biomedal Biomedal	Gluten analysis services	Gluten analysis services. ISO 17025 certification	Food producers of all types	~	✓	<u> </u>
<i>₹</i> siomedal	Food analysis services	Broad portfolio of food analyses (allergens, physical-chemical, microbiological, etc.)	Food producers of all types	'	✓	<u> </u>
Biopolis BIOPOLIS	Isolation and identification of altering and pathogenic microorganisms	Rapid, accurate detection of this type of microorganism to minimise health risks due to contamination at the various stages of the process	Food producers of all types	~	~	✓
FECYT	Biological Control	Biopreservatives for fresh-cut products; fruits and vegetables	Fruits and Vegetables processing and preservation	~	✓	✓
Fundacion MEDINA	In vitro tests for toxicity, safety, ADME and plasma efficacy	Cytotoxicity, Neurotoxicity, Mitochondrial Toxicity, Cardiotoxicity, ADME tox	Applicable to all industries	~	✓	
INGENASA	INGEZIM GLUTEN	ELISA assay for quantification of gluten in food samples	Food producers of all types	~	✓	✓
INGENASA	INGEZIM GLUTEN SEMIQ	ELISA assay for semi-quantifying gluten in food samples	Food producers of all types	/	✓	✓
INGENASA	INGEZIM GLUTEN HIDROLIZADO	ELISA assay for quantification of hydrolysed gluten in food samples	Beer, syrup and baby food manufacturers	~	~	✓
INGENASA	INGEZIM B-LACTOGLOBULINA	ELISA assay for determination of lactoglobulin in food and environmental samples	Food producers of all types	/	✓	✓
INGENASA	INGEZIM CASEÍNA	ELISA assay for determination of casein in food samples	Food producers of all types	'	✓	✓
LEITAT	In vitro tests for toxicity, safety, ADME and plasma efficacy	Genotoxicity, phototoxicity, hepatotoxicity, ADME	Food producers of all types			~
owl OWL	Metabolics and Lipidomics analysis	Lipids and metabolites identification	Food producers of all types	'	~	✓
Parque Científico Tecnológico Aula Dei	Molecular Biology lab: PCR and real-time PCR (qRT-PCR), SNP analysis, hybrid purity, DNA methylation and sequencing, DNA/RNA extraction; fragment analysis	Genetic fingerprinting of individuals, varieties and populations. Identification of varieties and phylogenetic relationships. Analysis of genetic diversity in natural populations and breeding	Applicable to all industries. Crop improvement	~	~	~
SISTEMAS GENÓMICOS	AutentiGEN®-Equino	Horse DNA detection by Real-Time PCR®	Applicable to all industries	~	~	~
SISTEMAS GENÓMICOS	AGROFOOD	Services to detect food allergens. These services are based on the latest DNA technologies and immunoanalysis, which verify the presence or absence of allergen ingredients in any food type	Applicable to all industries	~	✓	~
SISTEMAS GENÓMICOS	Verify of the IBERIAN BREED	Service to verify the genetic origin of animals and products of the IBERIAN BREED	Applicable to all industries	~	✓	✓
SISTEMAS GENÓMICOS	AutentiGEN®-Quant Equino	Quantification method of Equine DNA in food	Applicable to all industries	~	✓	V
SISTEMAS GENÓMICOS	AutentiGEN®-Quant Porcino	Quantification method of porcine DNA in meat matrices	Applicable to all industries	V	✓	V
SISTEMAS GENÓMICOS	Genomic identification Service of Microorganisms	Microbiological Analysis	Applicable to all industries	~	✓	✓
SISTEMAS GENÓMICOS	InmuTest	Food Intolerance Study	Applicable to all industries	V	✓	✓
SISTEMAS GENÓMICOS	Self Analysis Products		Applicable to all industries	~	~	✓

VETERINARY - ANIMAL HEALTH

	Company	Product	Indication	Therapeutic area	No Regul Precl	atory	Regulato Preclinio	_	Phase I	Phase II	Phase III	Ready to Market	Studies Location
STOISENICA	Bioibérica	Condro vet Taste	Chondroprotective specially recommended for dogs and cats with joint injuries and degenerative processes of the articular cartilage	Musculoskeletal Disorders									
NOISERICA	Bioibérica	Cosequin Powder / Cats / HA	Chondroprotective drug being their main ingredients: Chondroitin sulphate and Glucosamine	Musculoskeletal Disorders									
NOISENCA.	Bioibérica	Dysgen	DNA chip and a blood sample to evaluate the genetic predisposition of dogs of the Labrador Retriever breed to develop hip dysplasia	Musculoskeletal Disorders									Spain
NOISERICA	Bioibérica	Denosyl	Dietary supplement with the specific nutritional purpose of enhancing liver function in case of liver failure in dogs or cats	Digestive System									
NOISERICA	Bioibérica	DenaMarin	Nutritional supplement designed to provide specific nourishment to help liver function in cases of acute liver insufficiency in dogs and cats	Digestive System									
NOISENICA	Bioibérica	Pro-Enteric	Symptomatic treatment of diarrhoea	Digestive System									
NOISENEA	Bioibérica	Entero-Chronic	Complentary feed which helps maintaining intestinal functions	Digestive System									
STOISENICA	Bioibérica	Impromune	Complementary feed recommended for dogs and cats to optimise the immune response for increased efficiency of the innate and the adaptive immune systems	Autoimmune & Inflammation									
histo cell	Histocell-Artinvet	Vexoderm	Novel wound healing dressing	Dermatology									Worldwide
BELLOSSA	Ingenasa	CPV-VLP	Canine Parvovirus	Infectious Diseases									Asia
HISEBARA	Ingenasa	PPV-VLP	Porcine Parvovirus	Infectious Diseases									Europe
HI-LIONA	Ingenasa	IBDV-VLP	Gumboro Disease	Infectious Diseases									Europe
▲ lett	Laboratorios LETI	Protein Q	Canine leishmaniasis	Parasitic Diseases									Europe
(Bionaturis	Bionaturis	BNT004	Nematode in livestocks	Parasitic Diseases									Latam
INGENASA	Ingenasa	INGEZIM EIA	EIA diagnostic in horses	Infectious Diseases									Europe
INCHESO A	Ingenasa	INGEZIM MIXOMATOSIS	Mixomatosi diagnostic in rabbits	Infectious Diseases									Europe
MSD MSD	MSD	INP (Activyl Plus)	Control of transmission of leishmaniasis by sand fly bites	Parasitic Diseases									
MSD MSD	MSD	ISO (CBPI oral)	Treatment of flea and tick infestation in dogs	Parasitic Diseases									Spain
€ MSD	MSD	HIP (CBPI topical)	Treatment of flea and tick infestation in dogs and cats	Parasitic Diseases									
MSD	MSD	FPO (Flunixin Transdermal)	Adjunctive therapy in the treatment of bovine respiratory disease and mastitis in dairy cattle	Autoimmune & Inflammation / Respiratory and Pulmonary system									
	MSD	MCR (Zuprevo)	Prevention of respiratory diseases in pigs	Respiratory and Pulmonary system									
HOEBORO	Ingenasa	PRRS-epit	Porcine Reproductive & Respiratory Syndrome (PRRS)	Infectious Diseases									Europe
INGERIORA	Ingenasa	INGEZIM RVFV	Diagnostic of Rift Valley fever virus (RVFV) in ruminants	Infectious Diseases									Europe
(Gionaturis	Bionaturis	BNT005	Canine leishmaniasis	Parasitic Diseases									Europe
Biopolis	Biopolis	Probiotics and functional ingredients	Porcine, bovine, poultry, pet-food	Infectious disease / Digestive system									Worldwide
	FECYT	FMD	Foot-and-mouth disease	Infectious Diseases									Europe/ Latam

FEED

	Company	Name or description	Indication / Property	К&И	Validation	neyister	ratent	market
√ ALGAENERGY	ALGAENERGY	AlgaePiscis®	Fish & livestock. High level of polyunsaturated fatty acid, w3 type (EPA, DHA and ARA), proteins, vitamins, and carotenoids	~		~	V	~
BIOISERICA	Bioibérica	Palbio 50RD / 62SP / 360L	Aids in increasing feed intake and contributes to the development of the intestinal mucosa thanks to its exceptional characteristics and high digestibility	~	~	~	~	~
NOMERICA	Bioibérica	Nucleoforce Piglets / Horses / Fish / Cows / Poultry / Dogs / Salmonids / Shrimps	Nucleotides content for insufficient novo or endogenous synthesis (necessary for development of tissues with a high cell replication rate like reproductive, immune and intestinal tissues)	✓	~	~	~	✓
STOISTELCA	Bioibérica	Snacks-Goodogs Caprice & Treat	Snacks for dogs with porcine fresh meat	~	~	~	~	~
Biopolis	BIOPOLIS	Probiotics	Addition to a product's formulation of living microorganisms that are validated as beneficial for health; confirmation of benefit in final product	✓	~			✓
Biopolis	BIOPOLIS	Hemicellulolytic enzymes (xylanase)	Faster livestock growth with lower feed costs through improved feed digestibility and the consequent increase in yields	~	~	~	✓	~
diosearch life	BIOSEARCH	EXXENTIA®	Plant extracts with different functionalities for healthcare (cardiovascular, digestive, immune system, stress, antioxidants, etc.)	~		~		~
liosearch life	BIOSEARCH	HYDROLIV PLUS™	Hydroxytyrosol (≥ 15%) from olive fruit with strong antioxidant character	✓				~
diosearch life	BIOSEARCH	EXXENTIA®	Artichoke extract for liver protection					✓
Nosearch Me	BIOSEARCH	HEREDITUM®	Probiotics strains for improvement of weight gain in piglets	✓	~		✓	
camelina company	Camelina Company España	Camelina meal	Animal feed - high protein content. Omega 3 content	~	~	v		✓
camelina company	Camelina Company España	Camelina husks	Animal feed - high vegetable fiber content	~	•	~		✓
LEITET	LEITAT	Functional protein hydrolysates enriched in active peptides	For feed additives and other applications with antioxidant, antimicrobial, antiimflammatory	~				
Note	NATAC	MAC-60	Aquaculture, concentrated olive oil, economical benefits due to intestinal protection	✓	~	~	V	✓
Note	NATAC	Natacalm	Swine and ruminants	✓	~	~		~
Note	NATAC	Cividox	Antioxidant, vitamin E enhancer. Meat quality	V	✓	V		~
Note	NATAC	HP-40	Hepatic protection	V	✓			V
Seprox вотеон	Seprox Biotech	Hydroxytyrosol, hydroxytyrosol acetate and DOPAC	Reduction of contamination by pathogens in animal food products	V				



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