



[axyar.com](http://axyar.com)

axyar  
BIOSPECIALTIES

## axypro

**AXYPRO**, the main pillar of our broad portfolio, brings together a range of high-end biospecialties rooted in nature, designed to support health and care solutions.

The ingredients within the **AXYPRO** range are characterized by their unique bioactivity, purity, and application versatility. Whether used on their own or in synergistic combinations, each **AXYPRO** biospecialty offers powerful, wide-ranging alternatives for the development of your innovation-driven formulations.



### COLOSTRUM

### LACTOFERRIN

### ALPHA-LACTALBUMIN

### BETA-LACTOGLOBULIN

### WHEY POWDERS

### CASEIN PEPTIDES

### EGG PROTEINS

### VEGETAL PROTEINS

### IMMUNOGLOBULINS

### GROWTH FACTORS

### IMMUNOMODULATION

### ANTI-INFLAMMATORY

### BACTERIOSTATIC/BACTERICIDAL

### ANTIVIRAL

### ANTIFUNGAL

### HORMONE PRECURSORS

### RICH IN EAAs/BCAAs

### BIFIDOGENIC EFFECT

### GLUTATHIONE

### ANTIOXIDANT

#### Expertise in development and supply of tailor-made formulations

We support your projects through close collaboration with your teams, assisting from concept to final product.

Built on our three pillars - **axypro**, **axybio**, and **axyzim** - each solution combines high-end biospecialties and leverages their unique and synergistic benefits.

Our engaged team supports your road to successful business stories.

## axybio

**AXYBIO** embodies our broad know-how and long-standing commitment to advancing health through microbial- based solutions. By bringing together all four "biotics" -**pre**biotics, **pro**biotics, **post**biotics and **meta**biotics- this category unlocks the full potential of microbiome modulation across a wide spectrum of applications.

Built on high stability, broad suitability, and strong adaptability, **AXYBIO** reflects the power each component holds individually. When combined, they create a wide array of innovative and powerful synergies.

**SPOREBIOTICS**  
**YEASTBIOTICS**  
**LAB POSTBIOTICS**  
**METABIOTICS**  
**PREBIOTICS**

**ACTIVE ENZYME PRODUCTION**  
**MAXIMIZED SHELF LIFE**  
**ACID & BILE RESISTANT**  
**GUT BARRIER SUPPORT**  
**BACTERIOCINS PRODUCTION**  
**IMMUNOMODULATION**  
**MICROBIOTA BALANCE**  
**SCFAs PRODUCTION**  
**ANTI-INFLAMMATORY**  
**ANTIOXIDANT**



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## axyzim

**AXYZIM** is the latest turnkey platform in our portfolio, offering enzyme-based solutions derived from microbial, vegetal, and animal origins.

Reliable and highly flexible, **AXYZIM** is designed to meet your needs, making it your go-to tool for innovation through enzymatic systems.

Powered by its unique properties, **AXYZIM** unlocks high-impact solutions for oral care, sore throat relief, digestive comfort, and even sports recovery.

**MICROBIAL ENZYMES**

**VEGETAL ENZYMES**

**ANIMAL ENZYMES**

**SINGLE ENZYMES**

**BLENDED FORMULATIONS**

**HIGH CATALYTIC EFFICIENCY**

**SYNERGISTIC POTENTIAL**

**ANTIOXIDATIVE SUPPORT**

**BACTERIOSTATIC/BACTERICIDAL**

**IMMUNOMODULATORY ROLE**

**IMPROVED BIOAVAILABILITY**

**DIGESTIVE ENHANCEMENT**

**THERMAL & PH STABILITY**

**CLEAN-LABEL SUITABILITY**



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## axypro

	Direct immunity	Induced immunity	Gut microbiome	Dispepsia	Upper & lower digestion	Menopause & PCOS	Vaginal health & UTI's	Muscle soreness & recovery	Muscle gain & performance	Oral care	URTl's	Bone & joint health	Oxidative process	Burns & aftersun skincare	Wound healing and bruises	Mood & stress disorders	Cardiovascular health	Pets	Pets immunity & digestion	Pets oral & coat care
Colostrum	●	●	●	●	●		●	●	●			●		●	●				●	●
CBP (Colostrum Basic Protein)												●								
Lactoferrin / Apolactoferrin	●	●	●		●	●				●	●			●	●				●	●
Co-isolate												●								
Alpha-lactalbumin		●	●		●	●	●	●	●			●				●				
Beta-lactoglobulin		●					●	●	●											
Casein peptides			●				●	●	●							●				
Whey powders (WPC - WPI - WPH)		●	●		●	●	●	●	●			●				●				
Egg proteins		●	●					●	●						●				●	
Vegetal proteins		●	●					●	●								●		●	

## axybio

Bacillus coagulans	●	●	●	●	●	●	●	●	●										●	
Bacillus subtilis (natto)	●	●	●	●	●	●	●	●	●										●	
Bacillus clausii	●	●	●	●				●					●						●	
Clostridium butyricum	●	●						●					●						●	
Saccharomyces boulardii		●	●	●	●	●	●												●	
Saccharomyces cerevisiae	●	●	●	●	●	●													●	
Kluyveromyces spp.			●		●														●	
LAB blends	●	●	●	●	●	●	●	●	●	●									●	
Prebiotics	●	●		●															●	
Metabiotics	●	●		●	●	●				●									●	●

## axyzim

	Direct immunity	Induced immunity	Gut microbiome	Dispepsia	Upper & lower digestion	Menopause & PCOS	Vaginal health & UTI's	Muscle soreness & recovery	Muscle gain & performance	Oral care	URTl's	Bone & joint health	Oxidative process	Burns & aftersun skincare	Wound healing and bruises	Mood & stress disorders	Cardiovascular health	Pets	Pets immunity & digestion	Pets oral & coat care
<b>Microbial enzymes</b>																				
Proteases (Acidic - Neutral - Alkaline)			●		●			●	●										●	
Lipase			●		●			●	●										●	
Alpha-amylase			●		●			●	●	●									●	●
Amyloglucosidase								●	●	●									●	●
Alpha-galactosidase			●		●															
Lactase (Beta-galactosidase)			●		●							●							●	●
Dextranase / Fructanase / Xylanase			●		●							●							●	●
Maltase / Invertase			●		●							●							●	●
Cellulase (-hemi)			●		●			●	●										●	
Pectinase			●		●			●	●										●	
Nattokinase												●							●	
Serratiopeptidase		●									●	●							●	●
GOX											●								●	●
<b>Animal enzymes</b>																				
Trypsin / Chymotrypsin					●			●	●										●	
Pepsin					●			●	●										●	
Pancreatin					●			●	●										●	●
Lactoperoxidase		●	●				●			●		●	●						●	●
Lysozyme		●	●		●		●	●	●	●	●								●	●
<b>Vegetal enzymes</b>																				
Papain					●			●			●								●	
Bromelain					●			●			●								●	
SOD	●	●					●			●		●	●						●	●





MADE IN  
BELGIUM



## Driven by nature. Define by expertise.

Axyar goes beyond delivering customer satisfaction through a solid range of high-end biospecialties. Our team endeavours to lead your concepts and ideas into prosperous new business with its confirmed expertise in the entire product development process. We build solid long-term international partnerships strengthening our commercial positions in all our areas.

Our premium ingredients and cutting-edge formulations lay the foundation for your next success.

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