

## Pharmaceutical Industry

Product Name	Intrinsic viscosity	Registration	Application
Hyatru <sup>™</sup>	Medical Grade Sodium Hyaluronate	0.5-3.6 m <sup>3</sup> /kg	US DMF&CEP&Japan MF
		Custom-made	---
	Injection Grade Sodium Hyaluronate	0.5-4.5 m <sup>3</sup> /kg	US DMF&CEP&KDMF&Japan MF
		Custom-made	---

Other Bioactive Ingredients	Application
Bloomecto <sup>™</sup> Ectoine	For eye care, nasal&oral health, private care and other related fields
BloomseaN <sup>™</sup> Polydeoxyribonucleotide (PDRN)	For skin rejuvenation, fillers, wound&burn healing and other related fields
Recombinant Human Collagen III	For wound repair & healing, skin regeneration, fillers, ulcer treatment and other related fields
Zinc Hyaluronate	For topical preparations for wound&burn healing, medical lubricants and other related fields

## Food Industry

Product Name	Benefit	Application
HAPLEX <sup>™</sup> Sodium Hyaluronate	Beauty From Within, Joint Health, Eye Health	For dietary supplements, health foods, common foods, beverage, etc.
HAPLEX <sup>™</sup> Plus Sodium Hyaluronate		
UltraHA <sup>™</sup> -GI-001 Sodium Hyaluronate for Gut Health	Gut Health, Microflora Regulation Intestinal Mucosa Protection	For dietary supplements, health foods, common foods, beverage, etc.
HYAPET <sup>™</sup> Hyaluronic Acid for Pet Nutrition	Fur Smoothing, Joint Care, Gut Health	For pet supplements, pet snacks & treats, pet food dry, etc.
Canarela <sup>™</sup>	Gamma Aminobutyric Acid (98%)	For dietary supplements, health foods, common foods, beverage, etc.
	Gamma Aminobutyric Acid (20%)	
	Upgrade Gamma Aminobutyric Acid	
BLOOMNEST <sup>™</sup> Sialic Acid (N-acetylneuraminic acid)	Neuro Development & Neuro Protection Immunity Enhancement	Milk powder, educational food, dietary supplements, food and beverages etc.
Biovid <sup>™</sup> Collagen Peptide	Skin Beauty, Joint Health & Bone Health	For dietary supplements, health foods, common foods, beverage, etc.

## New Application

Product Name	Benefit	Application	Recommended Dosage
Biomost <sup>™</sup> Hyaluronic Acid (for Oral Care)	Natural Moisturizing Factor, Relieve Dry Mouth, Repair Damaged Gingival Tissue, Reduce Oral Inflammation	For oral care products	0.05%-0.5%
Hygolden <sup>™</sup> Sodium Hyaluronate	Moisturizing, Lubricating, Nourishing and Repairing	For textile products	0.1%-0.5%
Hyfeel <sup>™</sup> Sodium Hyaluronate Finishing Agent	Moisturizing Skin and Improving the Wearing Comfort of Fabric	For textile products	30g-50g/L
Hyadom <sup>™</sup> Hyaluronic Acid Lubricant	Easy to Clean, Excellent Lubricity, Moisturizing and Nourishing	Used as additional lubricant for natural latex condom	/



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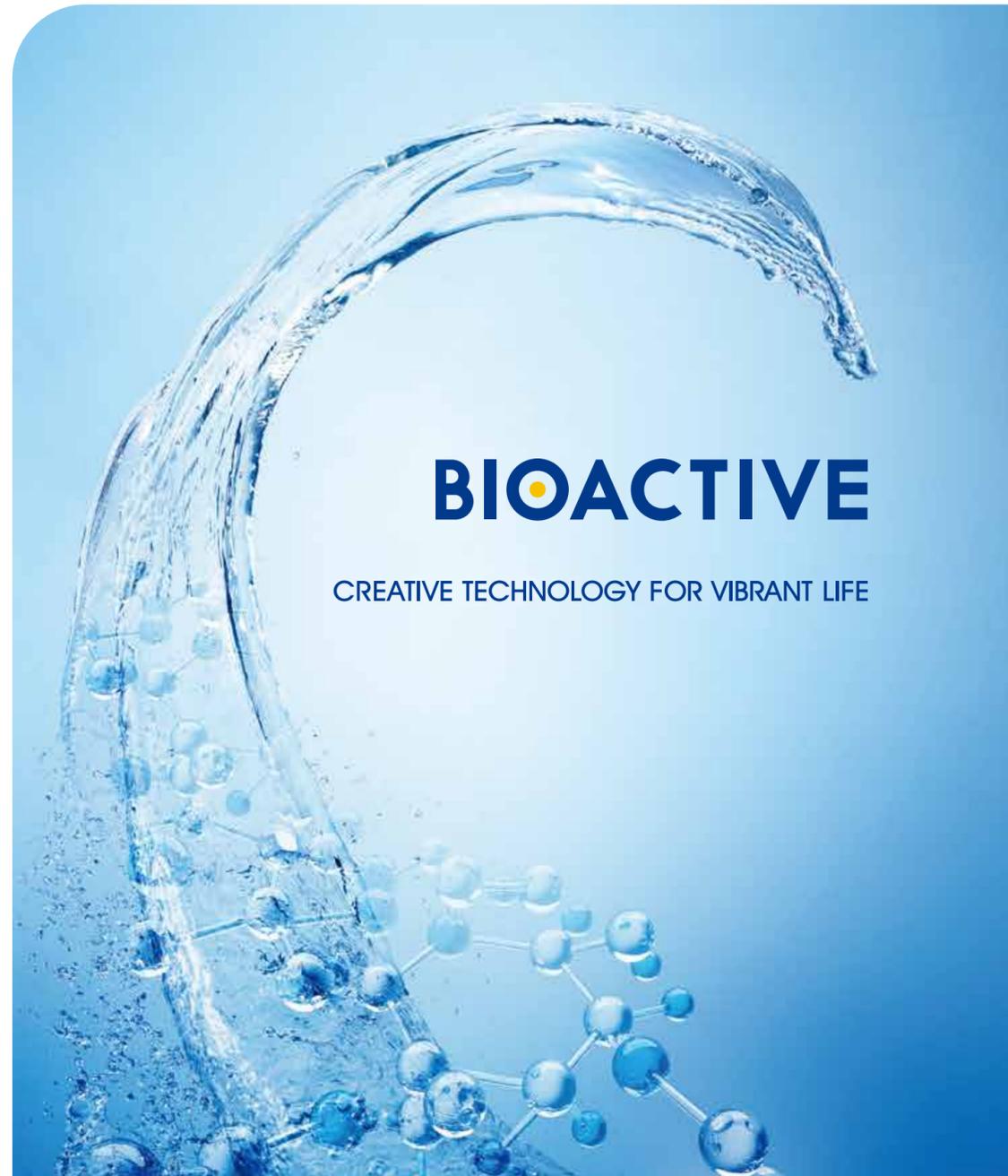
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# BIOACTIVE

CREATIVE TECHNOLOGY FOR VIBRANT LIFE

# About us

As a world-renowned biotech company that produces bioactive materials, Bloomage Biotech (688363) stays committed to engendering good health and happiness in the lives of its customers through its diversified range of products. Going forward, Bloomage Biotech will stay committed to sharpening its core competitiveness in technology, products and brand, by developing more high-quality bioactive raw materials and related end products, and playing a bigger role in supporting/engendering generally healthier, happier lives for people/it's customers/clients. Bloomage Biotech aims to become a company that Chinese take pride in, a company that is well-respected nationally/world-wide for its expertise and value.



# Product Category

## Cosmetics Industry

Category	Product Name	Function	Application	Recommended Dosage
Hyaluronic Acid	Hybloom™ Sodium Hyaluronate (HA-T)	Natural moisturizing factor Lubricity and film-forming effects Increase emulsion stability Nutrition delivery Prevent and repair skin damage Anti-aging	For skin care products, hair care products, makeup products, cleaning products	0.1%-0.5%
	Hybloom™ High Molecular Weight Sodium Hyaluronate (HA-THM)			
	Hybloom™ Low Molecular Weight Sodium Hyaluronate (HA-TLM)			
	Hybloom™ Low Molecular Weight Sodium Hyaluronate (HA-TLM 20-40)			
	Hybloom™ Hydrolyzed Hyaluronic Acid (HA-TLM3-5)			
	Hybloom™ Oligo Hyaluronic Acid (HA-Oligo)			
Novel Hyaluronic Acid	Hybloom™ Sodium Hyaluronate 1% Solution(HA-TL)	Filing No. in China NMPA: 20220008. Novel Hyaluronic Acid, bacteriostatic, moisturizing, soothing,	For skin care products, hair care products	0.1%-0.5%
	Hybloom™ Low Molecular Weight Sodium Hyaluronate 1% Solution(HA-TLLM)			
	Hybloom™ Zinc Hyaluronate (HA-Zn)			
	microHA™ Super Active Hyaluronic Acid			
	miniHA™HA-Oligo Degraded by Hyaluronidase			
	Hymagic™-AcHA Sodium Acetylated Hyaluronate			
	Hymagic™-4D 4D Hyaluronic Acid			
	Hyacross™ Hyaluronic Acid Elastomer			
	Hyacolor™ Oil-dispersed Sodium Hyaluronate			
	cationHA™ Substantive Sodium Hyaluronate			
	Hyanutra™-RH Hair Nourishing Shield			
	Hyacross™ TG300 Hyaluronic Acid Microbeads			
	Bioecto™ Ectoine			
	Gabacare™ BL98T Aminobutyric Acid			
	Hyafactor™-SG Sclerotium Gum Hydrogel			
Hyafactor™-PGA Sodium Polyglutamate				
Hyafactor™-NAG Acetyl Glucosamine				
Bioyouth™-Brice Brown Rice Ferment Filtrate				
Bioyouth™-Natto Natto Extract				
Biobloom™ Microceobauty	ME-1 Lactobacillus Ferment Lysate	Inhibit harmful bacteria reproduction and improve the skin microbiota. Improve skin oil secretion and pH imbalance. Strengthening the skin microbial barrier and immune barrier	For skin care products, hair care products	0.5%-5%
	ME-2 Lactobacillus Ferment			
	ME-3 Bifida Ferment Filtrate			
Bioyouth™-EGT Ergothioneine Complex	Protect DNA and mitochondria in skin cells, anti-oxidant, anti-photoaging, reduce UV spots/ brown spots/crow's-feet, improve skin roughness	For skin care products	0.5%-2%	
Bioyouth™ -EGT Pro Super Active Ergothioneine	Protect DNA and mitochondria in skin cells, anti-oxidant, anti-photoaging, reduce UV spots/ brown spots/crow's-feet, increase skin moisture content and elasticity	For skin care products	0.1%-0.5%	
Bioyouth™-FCM Cordyceps Militaris Ferment Filtrate	Improving skin Hypoxia, activation of autophagy, promote collagen synthesis, firming and brightening	For skin care products	0.1%-3%	
Bioyouth™-NANA N-Acetylneuraminic Acid	Filing No. in China NMPA: 20220026. Skin protection, anti-wrinkle, antioxidant, moisturizing	For skin care products	0.1%-2.0%	

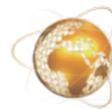
## WORLD HYALURONIC ACID MUSEUM



The World Hyaluronic acid Museum, located in the second plant of Bloomage Biotech in Jinan city, with a construction area of 4154㎡. is a great and panoramic display of HA knowledge and its various applications all along with the development process of HA industry. The "Synthetic Biotechnology International Innovation Industrial Base" has been settled in Beijing, China, and put into use.



## Certification



## Global Presence

