



Pharmaceutical Industry

Product Name		Intrinsic viscosity	Registration	Application
Hyatru [™]	Medical Grade Sodium Hyaluronate	0.5-3.6 m ³ /kg	US DMF&CEP&Japan MF	For eye drops, contact lens care solutions, topical preparations for wound and burn healing, medical lubricants and other related fields
		Custom-made	---	
	Injection Grade Sodium Hyaluronate	0.5-4.5 m ³ /kg	US DMF&CEP&KDMF&Japan MF	For ophthalmic surgery, intra-articular injections, intradermal injections for aesthetic correction, anti-adhesive and tissue engineering and other related fields
		Custom-made	---	
Other Bioactive Ingredients			Application	
Bloomecto [™] Ectoine		For eye care, nasal&oral health, private care and other related fields		
BloomseaN [™] 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™ Sodium Hyaluronate		Beauty From Within, Joint Health, Eye Health	For dietary supplements, health foods, common foods, beverage, etc.
HAPLEX™Plus Sodium Hyaluronate			
UltraHA™-GI-001 Sodium Hyaluronate for Gut Health 		Gut Health, Microflora Regulation Intestinal Mucosa Protection	For dietary supplements, health foods, common foods, beverage, etc.
HYAPET™ Hyaluronic Acid for Pet Nutrition		Fur Smoothing, Joint Care, Gut Health	For pet supplements, pet snacks & treats, pet food dry, etc.
	Gamma Aminobutyric Acid (98%)	Sleep Improvement Relaxation & Stress Relief Skin Beauty Body Building 	For dietary supplements, health foods, common foods, beverage, etc.
	Gamma Aminobutyric Acid (20%)		
	Upgrade Gamma Aminobutyric Acid		
BLOOMNEST™ Sialic Acid (N-acetylneuraminic acid) 		Neuro Development & Neuro Protection Immunity Enhancement	Milk powder, educational food, dietary supplements, food and beverages etc.
Biovidid™ 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
Biomoi [™] st 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 [™] Sodium Hyaluronate	Moisturizing, Lubricating, Nourishing and Repairing	For textile products	0.1%-0.5%
Hyfeel [™] Sodium Hyaluronate Finishing Agent	Moisturizing Skin and Improving the Wearing Comfort of Fabric	For textile products	30g-50g/L
Hyadom [™] Hyaluronic Acid Lubricant	Easy to Clean, Excellent Lubricity, Moisturizing and Nourishing	Used as additional lubricant for natural latex condom	/



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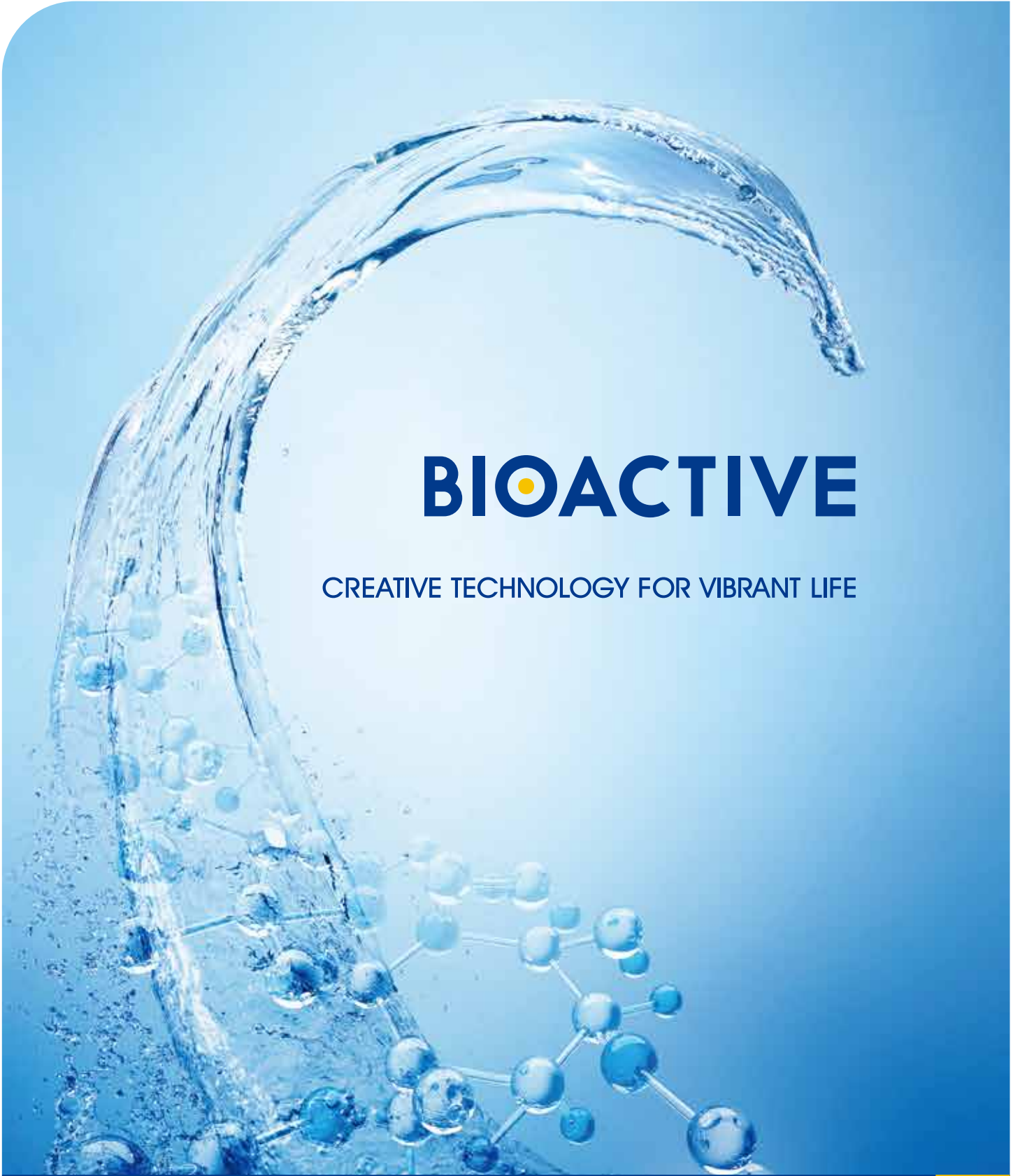
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BIOACTIVE

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.



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



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)			10%-50%
	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, repairingTransdermal absorption, smooth skin, repair barrier function of skin	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)			0.05%-0.5%
	microHA™ Super Active Hyaluronic Acid			
	miniHA™ HA-Oligo Degraded by Hyaluronidase			0.1%-0.5%
	Hymagic™-AcHA Sodium Acetylated Hyaluronate			
	Hymagic™-4D 4D Hyaluronic Acid			0.01%-0.1%
	Hyacross™ Hyaluronic Acid Elastomer			
	Hyacolor™ Oil-dispersed Sodium Hyaluronate			1%-10%
	cationHA™ Substantive Sodium Hyaluronate			
	Hyanutra™-RH Hair Nourishing Shield			1%-5%
	Hyacross™ TG300 Hyaluronic Acid Microbeads			
Fermentation Platform Products	Bioecto™ Ectoine	Natural care, good hydrating capacity, improve skin smoothness, lip plumping and repairing	For skin care products, hair care products, makeup products	0.1%-2%
	Gabacare™ BL98T Aminobutyric Acid	High substantivity, reduce the irritation caused by SAA, improve the barrier function of the skin & scalp, good compatibility	For rinse-off products	0.5%-1%
	Hyafactor™-SG Sclerotium Gum Hydrogel	Stereoscopic lock hair core repair, strong hair, repair hair, anti-frizz, smooth and shiny hair	For hair care products	1%-30%
	Hyafactor™-PGA Sodium Polyglutamate	Crystal HA microbeads with high elasticity, replace plastic microbeads to scrub and exfoliate and smooth skin. It is suitable for sensitive skin	For clean and scrub products	0.3%-3% (Facial scrub products) 1%-5% (Body scrub products)
	Hyafactor™-NAG Acetyl Glucosamine	Protection & anti-stress, repairing, anti-aging	For skin care products, hair care products, makeup products	0.1%-2%
	Bioyouth™-Brice Brown Rice Ferment Filtrate	Reduce wrinkle and smooth skin, repair the damaged skin, promote the synthesis of HA and collagen	For skin care products, hair care products, makeup products	0.05%-0.3%
	Bioyouth™-Natto Natto Extract	Moisturizing, improve skin smoothness, improve skin feeling	For skin care products, hair care products, makeup products	0.5%-8%
	Biobloom™ Microcebeauty ME-1 Lactobacillus Ferment Lysate	Promote the accumulation of NMFs, reduce the degradation of HA, enhance moisturizing capacity and elasticity of skin, inhibition of melanin production	For skin care products	0.05%-1%
	Biobloom™ Microcebeauty ME-2 Lactobacillus Ferment	Promote HA synthesis and scavenge free radicals, natural exfoliating regulator, whitening and moisturizing effects	For skin care products	0.5%-2%
	Biobloom™ Microcebeauty ME-3 Bifida Ferment Filtrate	Repair skin barrier, anti-oxidant and delay skin aging, significant whitening effect	For skin care products, rinse-off products	0.5%-4%
	Bioyouth™-EGT Ergothioneine Complex	Moisturizingand smoothing, improve skin texture, increase skin elasticity	For skin care products	0.5%-2%
	Bioyouth™-EGT Pro Super Active Ergothioneine	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%
	Bioyouth™-FCM Cordyceps Militaris Ferment Filtrate	Mild and effective antioxidant, activate antioxidant pathway, reduce oxidative damage, tighten and brighten	For skin care products, hair care products	0.5%-5%
	Bioyouth™-NANA N-Acetylneuraminic Acid	Repair damage, repair barrier, strong barrier, strong moisturizing	For skin care products, hair care products	0.5%-5%
	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%