

## Raw Materials for Pharmaceutical Industry

Product Name	Product Code	Registration	Application
Hyatru® Injection Grade Sodium Hyaluronate	HA-EP1.2	CEP	For parenteral preparations, including intra-articular and intra-ocular preparations, such as OVD, intra-articular injections, intradermal injections for aesthetic correction, anti-adhesive products, etc.
	HA-EP1.8	US DMF & CEP & KDMF	
	HA-EP2.4	CEP	
	HA-EP3.0	US DMF & CEP & KDMF	
	HA-EP-N2.5	CEP	
Medical Grade Sodium Hyaluronate	HA-EP2	/	For parenteral preparations or oral preparations not including intra-articular and intra-ocular injections. It can be used in eye drops, contact lens solutions, topical preparations for wound or burn healing, medical lubricants, etc.
	HA-E2.0	US DMF & CEP	
	HA-E3.0	US DMF & CEP	
	Purified Sodium Hyaluronate	Japan MF	
	HA-EP1	/	
	HA-P-0.5	US DMF	For oral preparations

## Raw Materials for Food Industry

Product Name	Origin	Benefit	Application
HAPLEX® Sodium Hyaluronate	Microbial fermentation	Beauty from within Joint care Eye health Digestive health	For dietary supplements, health foods, common foods, beverage, etc.
HAPLEX®Plus Sodium Hyaluronate			
Gabarela™ Gamma Aminobutyric Acid (GABA) 98%	Microbial fermentation	Relaxation Sleep aid Mental focus	
Gabarela™ Gamma Aminobutyric Acid (GABA) 20%			



### 华熙生物科技股份有限公司

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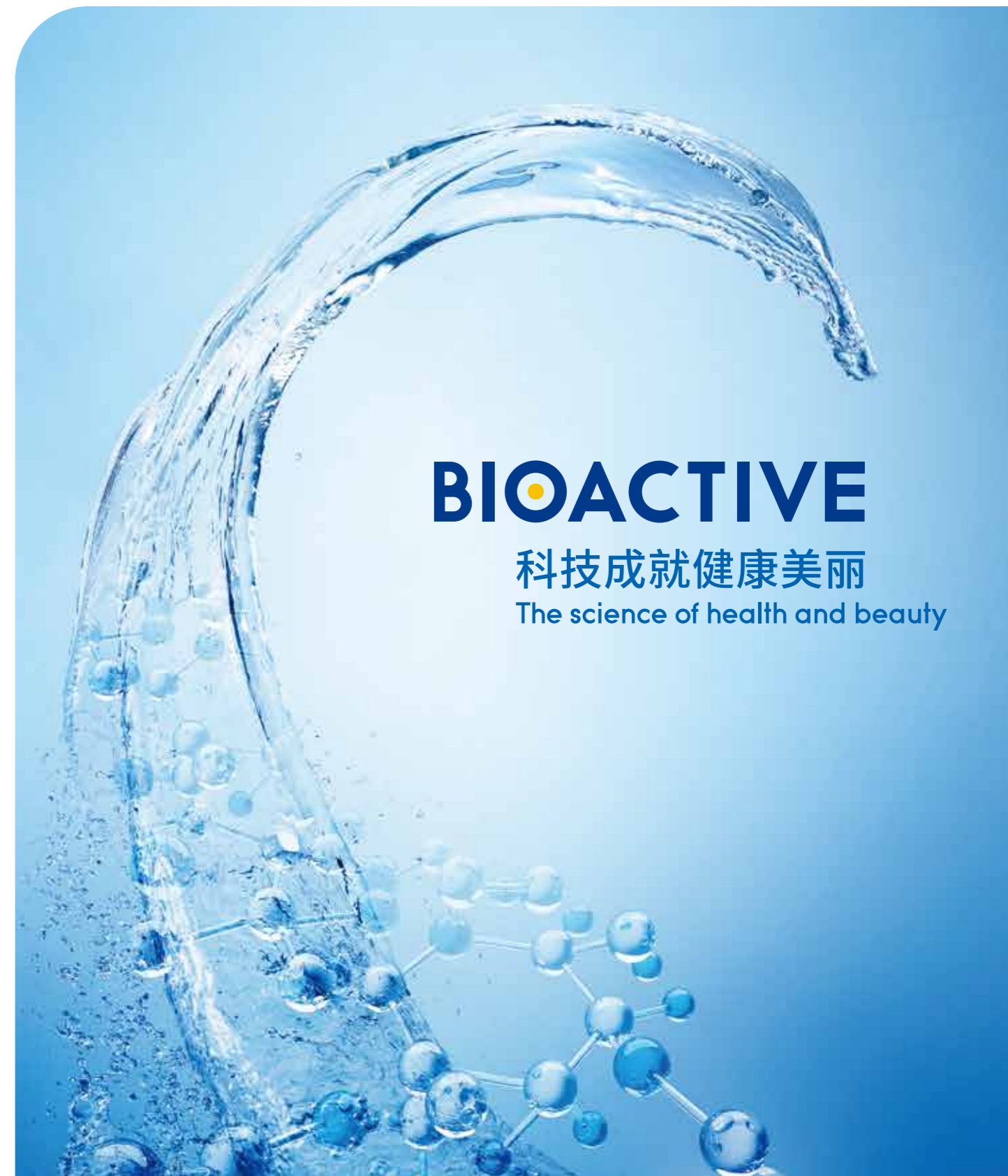
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# About us

Bloomage Biotechnology Corporation Limited (formerly Bloomage Freda Biopharm), established by Bloomage International Investment Group, is a national High-Tech enterprise. Since 1990s, for the first time in China, developed fermentation procedure to manufacture Sodium Hyaluronate, Bloomage Biotech has devoted its efforts on research, development, and production in biotechnology field, not only on the innovation in Sodium hyaluronate, but also on relevant bioactive ingredients. As the raw material business unit, Bloomage Biotech Bioactive will keep providing innovative solutions and technical support to our valued partners.



# Product Category

## Raw Materials for 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	microHA™ Super Active Hyaluronic Acid	Transdermal absorption, smooth skin, repair barrier function of skin	For skin care products	0.05%-0.5%
	miniHA™ HA-Oligo Degraded by Hyaluronidase	Transdermal absorption, deep moisturizing, repair damaged cells, anti-oxidation, anti-aging	For skin care products	0.1%-0.5%
	Hymagic™-AcHA Sodium Acetylated Hyaluronate	High-affinity & absorption, superb moisturizing, repair skin barrier, improve skin elasticity	For skin care products	0.01%-0.1%
	Hymagic™-4D 4D Hyaluronic Acid	Accurately target different skin layers, synergistic moisturizing	For skin care products, hair care products	1%-10%
	Hyacross™ Hyaluronic Acid Elastomer	Protect skin against UV & pollution, long-lasting moisturizing, increase skin elasticity and reduce skin roughness	For skin care products	1%-5%
	Hyacolor™ Oil-dispersed Sodium Hyaluronate	Natural care, good hydrating capacity, improve skin smoothness, lip plumping and repairing	For makeup products	0.1%-2%
	cationHA™ Substantive Sodium Hyaluronate	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%
	Biomoist™ Hyaluronic Acid (For Oral Care)	Improve dry mouth, reduce inflammation factors, repair damaged gingival tissue	For oral cleaning and care products	0.05%-0.5%
	Hyadom™ Hyaluronic Acid Lubricant	Easy to clean, lubricating, moisturizing, nourishing	For latex condom	/
Fermentation Platform Products	Bioecto™ Ectoine	Protection & anti-stress, repairing, anti-aging	For skin care products, hair care products, makeup products	0.1%-2%
	Gabacare™ BL98T Aminobutyric Acid	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%
	Hyafactor™-SG Sclerotium Gum Hydrogel	Moisturizing, improve skin smoothness, improve skin feeling	For skin care products, hair care products, makeup products	0.5%-8%
	Hyafactor™-PGA Sodium Polyglutamate	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%
	Hyafactor™-NAG Acetyl Glucosamine	Promote HA synthesis and scavenge free radicals, natural exfoliating regulator, whitening and moisturizing effects	For skin care products	0.5%-2%
	Bioyouth™-Brice Brown Rice 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™-Natto Natto Extract	Moisturizing and smoothing, improve skin texture, increase skin elasticity	For skin care products	0.5%-2%

## Certification



## Global Distribution

