

**amhwa** 安华生物

# INSPIRE THE LIFE

The World's Leading Manufacturer  
of Hyaluronic Acid

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AMHWA BIOPHARM CO., LTD.

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[WWW.AMHWA.COM](http://WWW.AMHWA.COM)

# About



AMHWA BIOPHARM, a technological innovation-based company founded in 2010 with specialization in development and production of bioactives, APIs, medical cosmetology terminals and functional skin care cosmetics, has been providing quality products and services in the fields of medicine, skin care, food and agriculture worldwide for more than ten years.

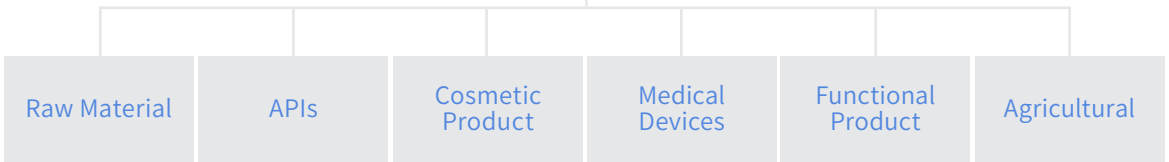
It has developed into a leading global supplier of hyaluronic acid relying on its technological innovation and superior product quality. It was also awarded the honorary titles of high-tech enterprise, enterprises with specialization, refinement, specialization and novelty, gazelle enterprise and technology-based enterprise.

Based on the three patented technology platforms of Waterble® biofermentation, ProEnzy® enzymatic cleavage and CrossLink, AMHWA BIOPHARM provides a wide range of products covering cosmetic grade, food grade, pharmaceutical injection grade and eye drop grade with hyaluronic acid at the core. Covering a full range of derivatives from ultra-low molecules to ultra-high molecules, from conventional hyaluronic acid to hydrolyzed, cross-linked, acetylated and cationic hyaluronic acid.

AMHWA BIOPHARM will, upholding the corporate vision of "building a leading global innovative biopharmaceutical company", continue to share a healthier and better life in the future!

<b>2010</b> Founded	<b>46+</b> Patents	<b>52000m<sup>2</sup></b> Scale	<b>240MT</b> Production Ability	<b>40+</b> Export
For 10+ Years	Master Core Technology	Factory Space	Sodium Hyaluronate	Countries

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# Advantage

## Leading Technology



## Advanced Equipments



## Stable Quality





# Certification



COSMOS



ECOCERT



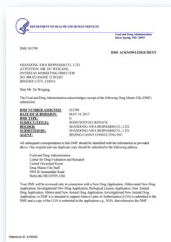
CEP



WC GMP



FDA



DMF



HACCP



HALAL



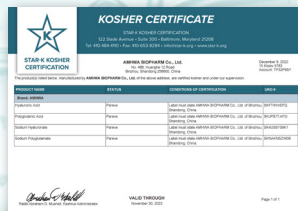
BRCS



GMP



NSF



KOSHER



INNOVATION LAB



DRUG MANUFACTURING  
CERTIFICATE



FOOD PRODUCTION  
LICENSE



# Products

## Cosmetic Grade

Products	Commercial Name	INCI NAME
Sodium Hyaluronate	ProHA® Sodium Hyaluronate (HMW 1.5-2.5M Da)	Sodium Hyaluronate
	ProHA® Sodium Hyaluronate (MMW 0.5-1.5M Da)	Sodium Hyaluronate
	ProHA® Sodium Hyaluronate (LMW 0.1-0.5M Da)	Sodium Hyaluronate
	ProHA® Sodium Hyaluronate (ULMW <0.1M Da)	Sodium Hyaluronate
	ProHA® Sodium Hyaluronate (1% Solution)	Sodium Hyaluronate, Phenoxyethanol, Water
	EnzyHA® Oligo HA (MW<10K Da)	Hydrolyzed Sodium Hyaluronate
	AcetHA® Sodium Acetylated Hyaluronate	Sodium Acetylated Hyaluronate
	PosiHA® Cationic Sodium Hyaluronate Solution	Hydroxypropyltrimonium Hyaluronate
	CroHA® Sodium Hyaluronate Crosspolymer	Sodium Hyaluronate Crosspolymer
	QuaPlex® 4D Sodium Hyaluronate	Sodium Hyaluronate, Sodium Hyaluronate Crosspolymer, Sodium Acetylated Hyaluronate, Hydrolyzed Sodium Hyaluronate
	QuiPlex® 5D Sodium Hyaluronate	Sodium Hyaluronate, Hyaluronic Acid, Sodium Hyaluronate Crosspolymer, Sodium Acetylated Hyaluronate, Hydrolyzed Sodium Hyaluronate
OctaPlex® 8D Sodium Hyaluronate	Sodium Hyaluronate(1.0-1.5MDa), Hyaluronic Acid(1.0-1.5MDa), Hydroxypropyltrimonium Hyaluronate, Sodium Hyaluronate Crosspolymer, Sodium Acetylated Hyaluronate, Hydrolyzed Sodium Hyaluronate, Hydrolyzed Hyaluronic Acid, Hyaluronic Acid(0.5W-0.7MDa)	
Sodium Polyglutamate	ProPGA® Sodium Polyglutamate (γ-PGA)	Sodium Polyglutamate

## Pharmaceutical Grade

Products	Commercial Name	Approved	Specification
Sodium Hyaluronate	EvoHA® Sodium Hyaluronate (Eye Drops Grade)	CEP/WC-GMP/FDA/DMF/NSF/KOSHER/GMP	CP/EP/USP
	EvoHA® Sodium Hyaluronate (Injection Grade)	CEP/WC-GMP/FDA/DMF/NSF/KOSHER/GMP	CP/EP/USP
	EvoHA® Sodium Hyaluronate (Medical Devices Grade)	CEP/WC-GMP/FDA/DMF/NSF/KOSHER	CP/EP/USP

## Food Grade

Products	Products	Abstract
Sodium Hyaluronate	ProHA® Sodium Hyaluronate (HA)	Raw materials are glucose, yeast and peptone, and produced by fermentation technology with streptococcus equi subspecies bacterial.
Sodium Polyglutamate (γ-PGA)	ProPGA® Sodium Polyglutamate (γ-PGA)	Also known as Natto gum, it is made by microbial fermentation, and it is a water-soluble cationic polymer formed by the polymerization of L-glutamic acid and D-glutamic acid.
Chondroitin Sulfate	ProCS® Chondroitin Sulfate (CS)	A disaccharide polymer alternately linked by D-glucuronic acid and amino-hexose is a sulphated acid mucopolysaccharide.

## Agricultural Grade

Products	Commercial Name	Abstract
Sodium Polyglutamate (γ-PGA)	ProPGA® Sodium Polyglutamate (γ-PGA)	The biopolymerization of natural natto bacteria and glutamic acid was carried out by liquid fermentation to produce decomposed high molecular amino acid polypeptide polymer.

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