

中国·山东
Shandong·China



专业明胶生产服务商
A PROFESSIONAL MANUFACTURER AND SERVICE PROVIDER OF GELATINE



威海银河生物技术有限公司

WEIHAI YINHE BIOLOGICAL TECHNOLOGY CO., LTD

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公司简介 / Company profile

威海银河生物技术有限公司总投资 9 亿元，占地 300 余亩，总建筑面积 12 万平方米，由具有甲级医药行业设计资质的医药设计院规划设计，生产车间严格按照医药 GMP 标准建设，采用当前国外最先进的生产设备，是一家集生产、销售与研发为一体的现代化高科技企业。

公司一期产品一明胶，采用国际先进的前处理、提取、过滤、浓缩、干燥设备生产，是优良的药用辅料和食品添加剂。

公司坐落于“最适合人类居住的地方”——威海西城科技产业园内，北东南三面濒临黄海，北与大连相对，东及东南与韩国和日本隔海相望，西与烟台、青岛为邻，气候宜人，交通便利。欢迎新老客户前来洽谈、指导！

企业宗旨：以人为本，诚信务实，创新进取，回报社会

Wei Hai Yinhe Biological Technology Co Ltd, having a total investment of 900 million yuan and 120,000 square meters of constructions covering 300 acres, is a high tech modern company that involves in manufacturing, sales and research. The company was designed and planned by the Class-A qualified Pharmaceutical Design Institute. Its production workshops, which adopt advanced foreign manufacturing equipment, are in strict accordance with the GMP pharmaceutical standards.

Gelatin, as company's first stage production, is an excellent medicinal materials and food additive. Gelatin is processed by outstanding equipments in the following steps: pre-treatment, extraction, filtration, concentration and drying.

The company is located in "the most habitable place for human beings" - Weihai Xicheng Science Park, which is sitting next to the Yellow Sea in north, south and east direction. The city is facing Dalian and neighbored with Yantai and Qingdao in the west. Japan and South Korea are located just across the sea. Weihai is charmed by its pleasant weather and convenient transportation. Our company sincerely welcomes new and old clients for consultation and cooperation.

Company tenet: People-oriented, integrity and pragmatic, innovative, society contribution.



企业愿景 / Corporation vision

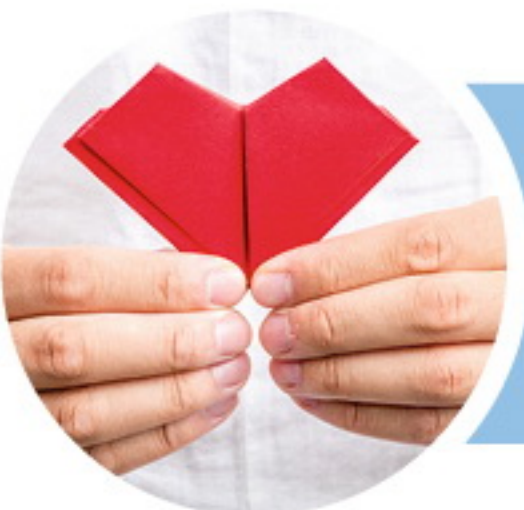


我们愿与客户分享成功
Share success with customers

我们愿为职工谋得福利
Get welfare for the employees



我们愿向社会进献力量
Contribute to the society



精尖的技术、完善的质量体系，是高端、优质产品的基础在这基础上。银河贯彻“用爱人之心想做事，用感恩之心做人”的工作理念，用爱与责任让生物技术为我们的生活添彩，让高质量的明胶产品助力食品、药品、保健品产业的发展，用我们的专业与专注为客户带来更高的价值。

Top-ranking technology and impeccable quality system is the basis of high-quality products. On the basis of this, Yin He Bio-tech carry out the work ethic of "Do things in the heart of love, become the person with Gratitude". Using biotechnology with love and responsibility to make our life colorful. Using the gelatin with high quality to help the development of the food industry, the pharmaceutical industry and the health care products industry and bring more value to our customers with professional and focus.

团队建设 / Team building

银河生物汇聚了一支在明胶生产、质量、销售行业服务多年。专业且高效的精英团队。秉承为客户、为社会创造更多价值的理念，开拓进取，精益求精，在食品安全、药品安全越来越受到关注以及“大健康”产业升级的趋势下，抓住契机，力求用更好的产品回馈社会。

Yin He Bio-tech has formed a professional and efficient elite team by the person in the Gelatin production Quality assurance sales and service industry for many years. The company implement the concept of creating more value for the customers and society. Under this trend of the food safety and medicine safety getting more and more attention and the industrial upgrading of "More Healthy" industry, Yin He Bio-tech seized the opportunity, keep forging ahead and innovating. Try our best to give back to the society with better products.

管理团队 / Management team



在董事长战略管理的领导下，银河秉持“人适其位，位适其人”的用人理念，提倡“目标同向，默契信任”，同时倡导学习型组织，让每一位员工充分发挥自己的特长与潜能，以全球化的视野引领企业的发展，以科学化的管理指引个人的创造，让企业充满激情与进取心。

Under the strategic leadership of the chairman Yin He Bio-tech uphold the principle of "staff is suitable for the position and vice versa". The company advocated the concept of "The common goal tacit agreement and mutual trust" and strive to build a learning organization at the same time. Let everyone to give full play to their talents and potential. Lead the development of the company with global vision, guide people to create with science management, let the enterprise become full of passion and initiative.

质量团队 / Quality team



企业贯彻 ISO9001、ISO14001 等多家专业认证机构的标准，洁净区和化验室严格按照国家 GMP 标准建设，以强烈的“责任感”和“使命感”确保每一批明胶的安全可靠。

The production processes are in strict accordance with the ISO9001 and the ISO14001 management system. The clean area and the laboratory construction in strict accordance with GMP standards. Yin He Bio-tech ensure that each batch of gelatin is safe and reliable with intense "responsibility" and "mission".

生产团队 / Production team



生产团队拥有在明胶行业从事生产、研发数十年的工程师，坚持“匠心”精神，不断研发与创新，让产品的各项参数满足不同客户的需求。

Our production team is composed by the person in the Gelatin production and research industry for many years adhere to the "originality" spirit to make the various parameters of the production meet the needs of different customers.

销售团队 / Sales team



树立“以市场为导向，以客户为中心的经营理念”，既要了解明胶又要了解客户产品，同时全方位拓展销售渠道，在传统销售方式为主的同时，积极拓展互联网、外贸等多方向市场。

Establish a business philosophy of "market-oriented, customer-focused". Expand sales channels comprehensively, expand the traditional sales mode mainly and expand the internet market and foreign market actively at the same time.

明胶产品 / Gelatin product

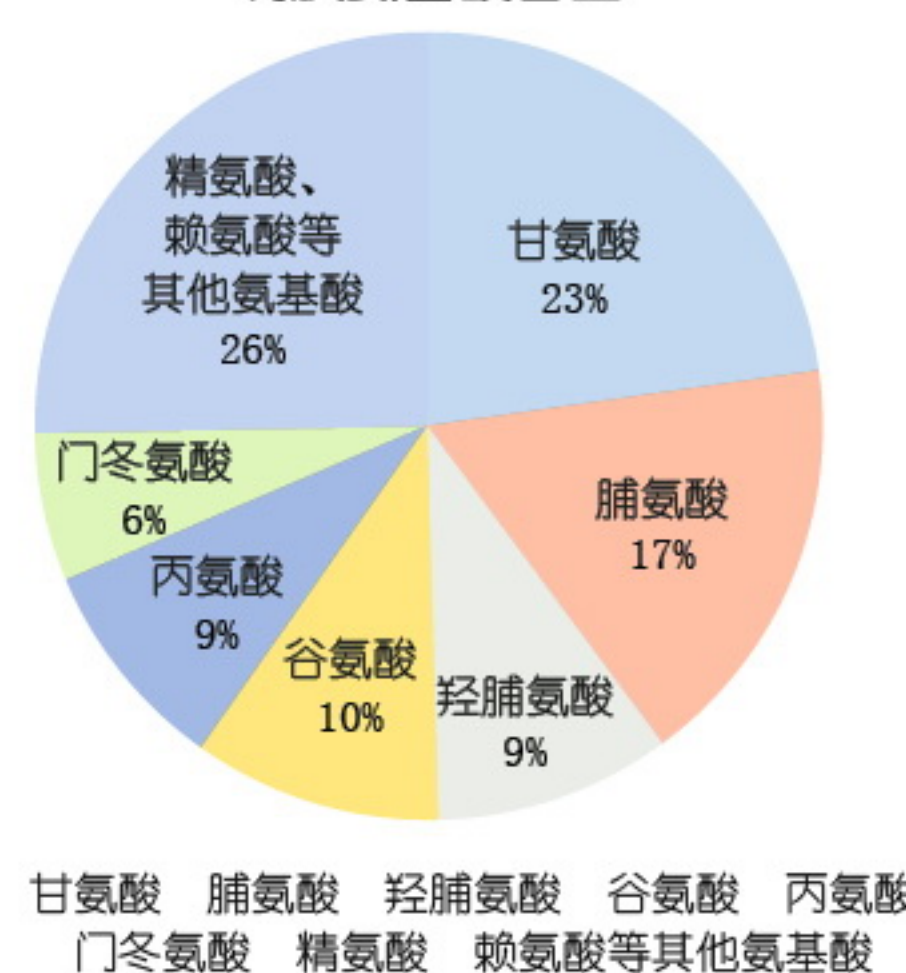
明胶是动物皮、骨、筋腱中的胶原质经部分水解后得到的蛋白质制品，与胶原具有同源性。明胶中除 16% 以下的水分和无机盐外蛋白质的含量占 82% 以上，富含人体所需的十八种氨基酸，有着多种特性，如凝胶性、固水性、发泡性、乳化性、稳定性以及增稠剂、澄清剂等作用。

明胶作为非常重要的天然生物高分子材料之一，具有多功能性，因此广泛的应用于食品、药品行业。

Gelatin belongs to the protein which is homologous with collagen and is hydrolyzed by the skin bone tendon of animals. Water and inorganic salt of gelatin is less than 16% and protein contents more than 82%. Gelatin is rich in 18 kinds of amino acids which the human body needs. It has many kind of features like gel property hold water property foam property emulsifying property stability and is usually used as thickener and clarifying agent.

As a kind of important natural polymer materials, gelatin is widely used in the food industry and the pharmaceutical industry because of its variety of function.

明胶氨基酸含量



甘氨酸 脯氨酸 羟脯氨酸 谷氨酸 丙氨酸
门冬氨酸 精氨酸 赖氨酸等其他氨基酸

明胶的主要特性



明胶具有良好的理化性质，可以根据不同客户对明胶功能的需求为客户量身定制不同工艺，不同冻力、粘度、目数等参数的明胶产品。银河采用国际最先进的明胶生产线和最严格的检测手段，确保了产品的高质量、多功能。无论食品或药品行业，国内或国际客户，银河都会是您最理想的配料供应商和合作伙伴。

Gelatin has excellent physical and chemical properties so we can provide the gelatin products with different jelly strength viscosity mesh number and many other parameters by different technology. Yin He Bio-tech will produce the Hi-Q gelatin with variety of function by the most advanced production line and the most strict detection means. Yin He Bio-tech will be your best supplier and partners, no matter the food industry or the drug industry and no matter the inland customers or The international customers.

目数种类：

目数	μm
8	2360
10	1700
40	380
60	250

生产介绍 / Production introduction

质量理念 / Quality idea

高标准
high standards

精细化
elaboration

零缺陷
no defect

采用精选的优质原料，确保原料的可靠卫生、运输及时和溯源性。生产环境严格按照国家规范要求建设，由多名拥有数十年生产经验的工程师现场管理，采用国际一流的自动化生产设备，在线监控，严格检查，经过多道工艺精细处理，提炼出优质的明胶产品。

Using high quality raw materials which are selected elaborately to ensure that all raw materials are reliable and healthy, transported timely and traceability. The production environment is built as the requirements of national regulation. We produce high-quality gelatin products through multi-channel processing by means of the international first-class equipment and the online monitoring by the engineers owned many years of experience.



U型洗皮设备
U-shape wash skin equipment



离子交换设备
Ion exchange equipment



硅藻土过滤设备
Diatomite filtration equipment



超滤系统
Filtration system



板式蒸发器
Plate-type evaporator



自动化提胶设备
Automatic extraction of gelatin equipment

明胶生产步骤



可追溯系统，严把原料质量关

The traceability system, strict quality management the raw material



优质的产品源于优质的原料，从源头控制，每批原料都有登记和标识，从入厂检测到仓储物流的各个环节都进行实时监控，确保每一批出厂产品的质量稳定可靠，并实现原料与产品编号的对应，为客户提供优质放心的明胶产品。

The high-quality product is originating from high-quality raw materials, make sure that every batch of raw material has registration and identification and is controlled from the source. Each link is real-time controlled from the factory inspection to the warehouse logistics, so we can achieve the aim that the identification of product is corresponding to the raw materials' number and provide the reliable products to our customers.



车间洁净区按照医药 GMP 要求建设，严格管理。同时打造透明化工厂，客户可以通过参观通道观察生产的全过程，让您放心购买银河的产品。

Purification area is built according to the pharmaceutical GMP specification. We create transparent chemical plant with strict management at the same time. Customers can visit whole production process through the visit channel, let every customer rest assured to buy the product of Yin He Bio-tech.

质量管理

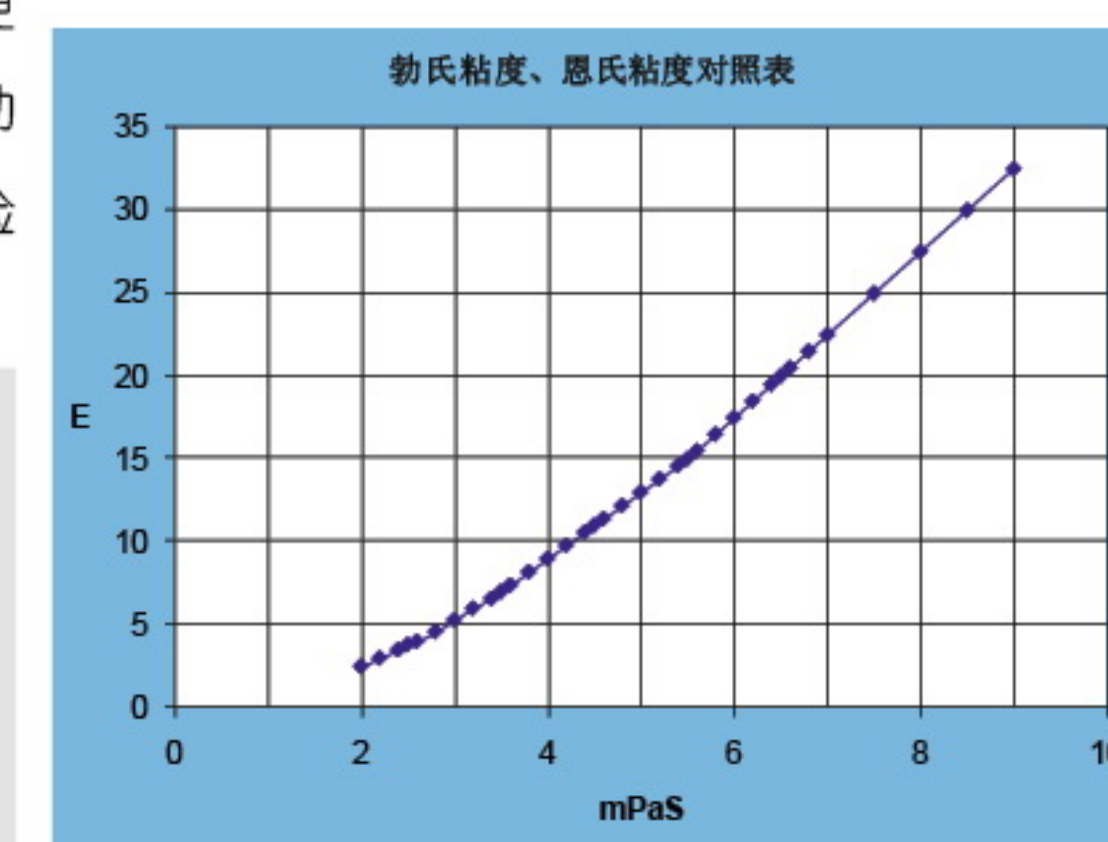
Quality management

每一道工序严格按照质量管理体系要求操作，以先进的设备、完善的管理体系、专业的检测技术确保产品的高端品质。

Each process is operated as the requirement of the quality management system. In order to produce high quality gelatin we owned advanced equipment, perfect management system and professional testing technology.

质量与安全是明胶生产中的关键，我们遵循 ISO9001、ISO4001 的质量管理体系标准，并不断地完善，以更高的门槛，更严格的内控标准保证产品的安全可靠。对每一道生产环节实施动态监控，同时对每一批中间产品和成品进行理化检测及微生物检测，并保证控制和检测的每一步都达到国际质量管理体系的标准。

Quality and safety is the key of gelatin production, the company passed the standard of the ISO9001 and ISO4001 quality management system with constantly improved. With higher threshold and more strict internal control standards to ensure product safety and reliability. The company implement dynamic monitoring for each production link and conduct physical and chemical testing and microbial detection for each batch of intermediate products and finished products, thereby ensuring the control and detection of every step to achieve the international quality management system standard.





医药行业应用

The pharmaceutical industry application

明胶是医药行业不可替代的药用辅料，银河明胶具有药用辅料生产、销售资质，从原料采购到成品出厂对各个环节严格把控，为用户提供健康、安全的产品。

Gelatin is important medicinal auxiliary materials for the pharmaceutical, Yin He Bio-tech owned the production and sale qualification of the medicinal auxiliary gelatin. Each link is controlled strictly from raw materials procurement to finished products to provide users with healthy and safe products.



空心胶囊:

空心胶囊主要由明胶制成，对明胶的理化性质有较高的要求，我们能够根据客户的需求提供多种参数的明胶产品，拥有优良的崩解和流动性并对透明和微生物进行严格控制。

Gelatin for hard capsules:

Hard capsules is mainly made from gelatin, it has a higher requirement of the physical and chemical properties for gelatin. We can provide a variety of parameters of gelatin according to customers' demand. The products have excellent disintegrating and liquidity, at the same time we also control the transparent and microorganisms strictly.

软胶囊:

软质囊材是由胶囊用明胶、甘油或其他适宜的药用辅料单独或混合制成，我们能够提供多种软胶囊用明胶，满足药品、保健品等领域的需求。

Gelatin for soft capsules:

Soft capsule material consists of gelatin, glycerin or other appropriate pharmaceutical auxiliary material. We are able to offer a variety of soft capsule's gelatin and meet the needs of medicine, health products, etc.



片剂和丸剂:

在许多片剂和丸剂的制造中，明胶起着粘结剂和配料剂的作用，为保护药效和掩盖药味，也可在药丸和药片表面包裹明胶层。

Tablets and Pills:

In the manufacture of many tablets and pills, gelatin plays the binder and ingredients agent role to protect the effectiveness and cover up the ingredients. It also can be used in pills and tablets as integument layer.

止血剂:

由明胶制成的明胶海绵具有良好的止血作用，多用于止住和吸收内脏手术时毛细血管渗出性出血。

Hemostatic :

The gelatin sponge made of gelatin has better hemostatic effect, it usually used in visceral surgery capillary exudative bleeding and absorption.

代血浆:

明胶作为血液替代品，其特点是无特异抗原性、分子量大、可保持胶体的特性、在体内无蓄积、可参与体内代谢以及大量输入无毒性反应等。

Plasma Substitute:

As blood substitutes, its characteristic is on specific antigenicity, large molecular weight, can keep the characteristics of the colloid, no accumulation in the body, can participate in metabolism as well as large number of input non-toxic reaction and so on.

食品行业应用 / The food industry applications

明胶作为凝胶剂、乳化剂、稳定剂、粘结剂、被膜剂被广泛的应用于食品领域。

As the gel agent,emulsifier,stabilizer,adhesive,preparing gelatin is widely applied in food field.



糖果、果冻：

明胶具有很强的吸水和支撑骨架的作用，明胶微粒溶于水后，内部分子形成网状结构，可以很好地锁住水和糖份，从而使糖果保持稳定的形态，相比于淀粉、琼脂做填充剂，明胶更富有韧性、弹性和透明性。

Sweet,jelly:

Gelatin has a better water absorption and play the role of supporting the skeleton.In order to lock the water and sugar and make candy stable form gelatin internal molecules form a mesh structure after dissolved in water.Compared with starch,agar gelatin is more resilient ,elastic and transparency as the filler.

冷冻食品改良剂：

明胶在冰淇淋中的作用是防止形成粗粒的冰晶，保持组织细腻和降低溶化速度。

Frozen food improving agent:

The role of gelatin in ice cream is to prevent the formation of coarse crystals and keep the organization is exquisite and reduce melting speed.

肉制品改良剂：

帮助提高肉制品的口感，延长保质期，此外明胶还可对一些肉制品起乳化剂的作用，如乳化肉酱和奶油汤的脂肪，并保护产品原有的特色。

Meat product improving agent:

Gelatin can help to improve the taste of meat product and extend the shelf,Gelatin also has the effect of emulsifier on some meat such as fat emulsion sauce and cream soup,and protect the original characteristic of the product at the same time.



饮料澄清剂：

明胶可作为澄清剂用于啤酒、果汁饮料等产品的生产，明胶能与杂质生成絮状沉淀，静置后，呈絮状的胶体微粒可与浑浊物吸附、凝聚、成块而共沉，再经过滤去除。

Beverage clarificant:

Gelatin can be used as clarifying agent in beer,juice drinks and other drinks industry.Gelatin and impurities can generate flocks,the flocks will precipitate after standing some time later,then remove it through filters.

乳制品添加剂：

明胶广泛应用于各种乳制品如酸奶、奶酪、增香乳、奶油等，起到了抗乳析出、乳化稳定和控制乳泡沫的作用。

此外明胶还广泛的应用于烘焙、食品涂层材料、食品包装等领域。

Dairy products additives:

Gelatin is widely used in all kinds of dairy products such as yogurt,cheese,butter and so on.It played the role of preventing milk whey precipitation,emulsifying stability and controlling the bubble. In addition gelatin is widely used in baking,coating material for food ,food packaging and other fields.