



宾美生物
BINMEI BIOTECHNOLOGY

螺旋藻提取物 (藻蓝蛋白)

SPIRULINA EXTRACT (PHYCOCYANIN)

取自然精华 为人类健康
NATURAL ESSENCE FOR HUMAN HEALTH

关于宾美

Company profile

浙江宾美生物科技有限公司位于浙江省头门港经济技术开发区，距离上海港300公里，是全球专业的螺旋藻提取物（藻蓝蛋白）制造商。公司拥有年产藻蓝蛋白200吨，年产螺旋藻超微粉300多吨的生产线。我们拥有8项技术专利，独立的知识产权体系，先进的生产设备。我们的工厂通过FDA注册、HACCP、Kosher和Halal认证。

我们的理念是：绿色、健康、安全。我们的生产车间恒温恒湿无尘。从原料到成品，有10道工序，我们全程密闭低温冷链，严格控制温度和PH，每一个流程都仔细的检验，确保我们的每一件产品是绿色健康和安全的。我们建立了从原料养殖到终端消费者的可快速追溯的质量管理体系。用心制造，我们所做的一切努力是为客户创造价值。

我们很骄傲，我们是大自然中天然蓝色的搬运工。优秀的品质，合理的价格，诚信服务、合作共赢，努力使宾美成为全球最具影响力的螺旋藻提取物和藻蓝蛋白制造商。

Zhejiang Binmei Biotechnology Co.,Ltd. is located in Toumen Port development area,300 KM from Shanghai port.We specialized in manufacturing Spirulina Extract(Phycocyanin),annual production of phycocyanin 200 tons, Spirulina superfine powder more than 300 tons .We have 8 patents and independent intellectual property system, Advanced equipment. Our factory is certified by FDA, HACCP, Kosher and Halal.

Our ideal is: green, healthy, safe. Our production workshop is constant temperature and humidity, no dust. From the raw material to the finished product, there are 10 steps. We close the cold chain in the whole process, strictly control the temperature and PH. Each process is carefully tested to ensure that each of our products is green and safe. We have established a quality management system that can be traced quickly from raw material breeding to terminal consumers.

We are proud to be a natural blue porter from algae. Good quality, reasonable price, sincerity service, win-win cooperation, making Binmei become the most influential Spirulina extract and phycocyanin manufacturer in the world.



产品介绍

PRODUCT INTRODUCTION

宾美专业研制生产两大系列产品：
藻蓝蛋白与螺旋藻粉系列

We specialize in two series of products:
Phycocyanin and Spirulina powder





螺旋藻提取物（藻蓝蛋白） Spirulina extract (Phycocyanin)

藻蓝蛋白是从螺旋藻中提取出的一种蓝色色素，是一种纯天然的食用色素。藻蓝蛋白是自然界中少见的色素蛋白之一，不仅颜色鲜艳，而且本身是一种营养丰富的蛋白质，也是良好的保健食品。它是美国FDA认可的唯一天然蓝色色素。欧盟已经将藻蓝蛋白列为彩色食品原料，其在食品中的使用量不受限制。中国GB2760食品添加剂目录也把藻蓝作为天然的着色剂允许使用。藻蓝蛋白还可以作为医药保健品、化妆品原料，生化试剂等。

Phycocyanin is a pigment from the light-harvesting phycobiliprotein family, along with allophycocyanin and phycoerythrin. It's not only a natural colourful edible pigment but also a nutritious protein and health food. It's the only natural blue pigment that FDA recognised in the United States. The European Union has already listed it as a raw material for food colourant and its use is unrestricted. The Chinese Food Additive Catalog also allow it to be used as a natural coloring agent.

藻蓝蛋白功效及应用

The function and application of phycocyanin

A 天然食用色素 Natural edible pigment

藻蓝蛋白是水溶性色素，无毒，纯蓝，清亮可爱，可作为食品着色剂，而且本身是非常丰富的蛋白质，氨基酸组成齐全，必需氨基酸占总量的37.2%。是美国FDA认可的天然蓝色色素。

Phycocyanin is a water-soluble pigment, non-toxic, pure blue, can be used as a food colorant. Itself is a nutritious protein with a full range of amino acids. The body's essential amino acids account for 37.2% of the total weight. It's the only natural blue pigment that FDA recognised in the United States.

B 化妆品领域 Cosmetic field

藻蓝蛋白是类胶原蛋白，具有抗氧化、保湿抗过敏、消炎祛斑等功效，并呈现出美丽的海洋蓝色调，我们已经为法国欧莱雅、广东丹姿集团定制了一批化妆品专用产品。

Phycocyanin is a class of collagen with antioxidation, moisturizing, anti - allergy, antiphlogistic, freckle and other effects. Now we have become the supplier of L'OREAL & DANZ .

C 医药保健食品 Medical and health care

藻蓝蛋白可以帮助调节合成人体所需要的多种重要酶，对抑制癌细胞的生长和促进人体细胞再生具有重要作用，同时还可以调节人体的免疫系统，提高人体对疾病的抵抗能力，在保护肝方面也有突出的功效。

Phycocyanin can regulate a variety of important enzymes in the human body, play an important role in inhibiting the growth of cancer cells and promoting the regeneration of human cells . It can also regulate the immune system of the human body to improve the immunity.

D 生物学、化学、细胞学实验的特殊试剂 Biology, chemistry and cytology

藻蓝蛋白蓝色并有荧光，可作为生物学、细胞学一些光动力的研究试剂。也可作为生化标记使用。藻蓝蛋白的另一作用是荧光剂，其荧光功效是普通荧光素的30倍。

The blue colour of phycocyanin has fluorescence property. A characteristic reagent that can be used as a biological, chemical, and cytological experiment, the effect of fluorescence is 30 times as high as that of the common fluoro .

E 农业中的应用 Agricultural field

藻蓝蛋白是藻类细胞中的捕光天线。产品用在叶面施肥上，可明显促进植物进行光合作用，同时使产品具有抗病毒抗菌作用。研究表明，由螺旋藻提取的藻蓝蛋白含有特定的植物生长素。

Phycocyanin is the light harvesting antenna for algae cells. Photosensitization of phycocyanin caused by sunlight, The effect of an antiviral and anti bacterial effect on plants. Experiments have proved that phycocyanin contains specific plant auxin.



产品目录



藻蓝蛋白 E3

- 【商品名】：藻蓝液体制剂，液体藻蓝素
- 【规格】：色价E10%618nm \geq 30
- 【来源】：螺旋藻
- 【成份】：水、柠檬酸钠、海藻糖、转化糖
- 【比重】：1.2-1.4
- 【执行标准】：企业标准
- 【海关编码】：1302199099
- 【用途】：广泛用于食品着色，溶解迅速，使用更加方便



藻蓝蛋白 E18

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藻蓝蛋白 E25

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X / o o T



螺旋藻超微粉

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PRODUCT LIST



Phycocyanin E3

- Product Name: Liquid Phycocyanin,
- Color Value: E3.0
- Specifications: Colour value E10%618nm \geq 180
- Source: Spirulina Platensis
- Ingredients: water, sodium citrate, trehalose,
- Appearance: Blue Liquid
- Solubility: Water Solubility
- Standard of Execution: Manufacturer's Standard
- EINECS: 234-248-8
- CAS NO. :11016-15-2
- Application: Widely used in the food additives
- Advantage: an upgraded version of powdered



Phycocyanin E18

- Product Name: Spirulina Extract, Phycocyanin,
- Item No.: E18
- Source: Spirulina Platensis
- Appearance: Blue fine powder
- Solubility: Water Solubility
- Application: Widely used in food additives,



Phycocyanin E25

- Product Name: Spirulina Extract, Phycocyanin,
- Item No.: E25
- Source: Spirulina Platensis
- Appearance: Blue fine powder
- Solubility: Water Solubility
- Application: Widely used in cosmetics field,



Spirulina Superfine Powder

- Product Name: Spirulina Superfine Powder
- Item No.: Spirulina Powder A
- Source: Spirulina Platensis
- Appearance: Green Fine powder
- Protein Content: $\geq 60\%$
- Application: Delicate Taste, Uniform Coloring,

质量控制

QUALITY CONTROL

优良的产品质量是企业保持竞争力的基础。

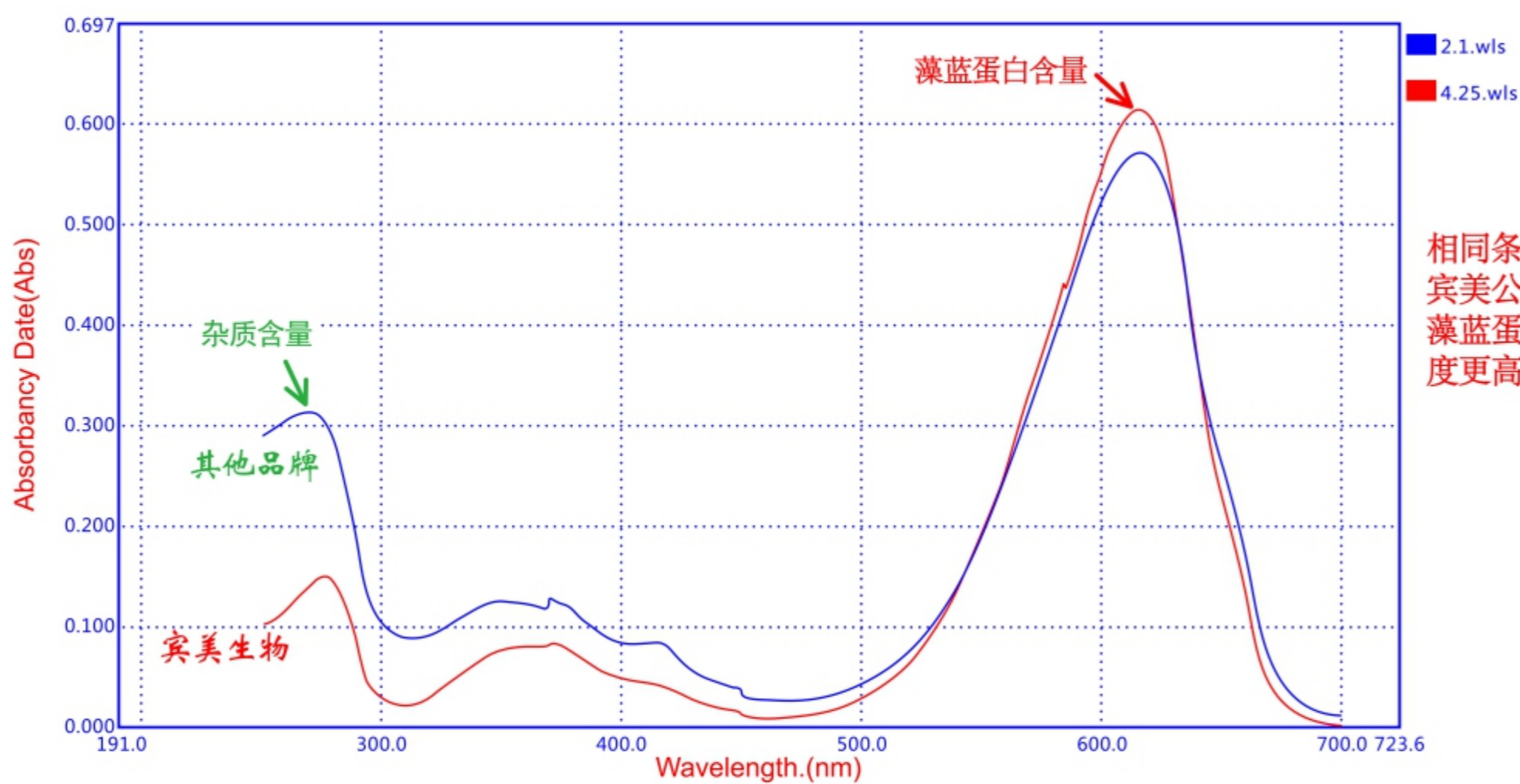
公司建立了独具特色的从农田到餐桌全过程的质量管理体系。

公司通过ISO22000和HACCP食品安全管理体系，产品质量达到国内领先水平。

The good quality of the product is the basis for the enterprise to maintain its competitiveness.

The company has set up a complete set of quality management systems.

Through the ISO22000 and HACCP food safety management system, the quality of the products is ahead of all the phycocyanin factories in China.



相同条件下，
宾美公司的
藻蓝蛋白纯度
更高。
The purity of our
phycocyanin is
higher under the
same production
conditions

五大系统

FIVE CONTROL SYSTEMS

环境控制系统

Environmental control system

生产的每个环节，都保证处于无尘、恒温、恒湿的环境。

Every production process is guaranteed to be in a dust-free constant temperature and humidity environment.





● 全程冷链系统 Cold Chain System

严格控制生产过程中，产品的温度以及所需的pH。

Inhibit microorganisms and strictly control the product temperature and the required pH value in each process step.



● 过滤系统 Filtration System

采用多重过滤，去除90%以上杂蛋白。

Multiple filtration system is adopted to remove more than 90% of impure proteins.

● 干燥系统 Drying System

在满足每小时液体蒸发量500升的基础上，采用全密封管路输送，全程控制系统，让生产更智能，更高效。

Apply fully sealed pipe transportation system with fully system control operation to ensure a smart efficient drying process and capacity is upto 500-liter liquid evaporation per hour.



● 包装系统 Packaging System

成品通过管道密封输送，自动灌装，包装过程配置X-RAY 异物检测系统，严格控制异物、杂质的流入。

Finished products are transported through fully sealed pipeline and packed automatically. We use advanced X-RAY foreign substance detection matters and impurities.

