



# 常州光辉食品添加剂有限公司

Changzhou Guanghui Food Ingredients Co., Ltd.

生态平衡

可持续发展

创造健康甜美生活

Driving towards sustainable ecological  
balance for health & sweet life!



## 公司介绍

常州光辉食品添加剂有限公司（原常州光辉生物科技有限公司）位于国家级化工园区常州高新区。常州光辉食品添加剂有限公司于2003年建厂，注册资金14000万元，厂区面积42000平方米，公司专注于阿斯巴甜的生产与销售，产品符合GB, FCC, UPS/NF, BP和EP等标准，在行业内产品质量属于领先水平。

我公司目前阿斯巴甜产能为5000吨，批复产能10000吨；目前产能国内第二、全球第三，我们将持续不断地投入以提升产能，满足市场需求，实现年产10000吨阿斯巴甜的目标。

新疆苏源生物工程有限公司位于新疆伊宁市，成立于2011年，主要配套生产阿斯巴甜主要原料L-苯丙氨酸，年产5000吨/年，并将在2019年底达到8000吨/年，届时将成为全球最大的苯丙氨酸项目。

## An Introduction to the Company

Changzhou Guanghui Food Ingredients Co., Ltd. (the former Changzhou Guanghui Biotechnology Co., Ltd.) is located in the National Chemical Industry Park Changzhou High-tech Zone. Changzhou Guanghui Food Ingredients Co., Ltd. was established in 2003, with the registered capital of RMB 140 million. The factory covers an area of 42000m<sup>2</sup>, and the company focuses on the production and sales of Aspartame which meets the GB, FCC, UPS/NF, BP, EP and other standards and is leading in the industry.

The current Aspartame production capacity of our company has reached 5000 tons, with the official reply capacity of 10000 tons; At present, our capacity ranks the second in China and the third in the globe. It is our continuous objective to improve the production capacity, meet the market demand and achieve the goal with an annual output of 10000 tons Aspartame.

Xinjiang Suyuan Biological Engineering Co., Ltd., located in Yining City, Xinjiang and established in 2011, mainly produces the main raw material L-Phenylalanine of our Aspartame, with the annual output of 5000 tons/year. And the annual output is anticipated to reach 8000 tons/year at the end of 2019 during which it is projected to become the largest Phenylalanine project in the globe.



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# 阿斯巴甜 Aspartame

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## 产品介绍

产品名称：阿斯巴甜 (Aspartame)  
化学名称：  
N-L- $\alpha$ -Aspartyl-L-Phenylalanine-1-Methyl Ester  
中文译名：  
N-L- $\alpha$ -天冬氨酰-L-苯丙氨酸甲酯

阿斯巴甜是一种低卡路里甜味剂，甜度约是蔗糖的200倍。它是由L-苯丙氨酸与L-天门冬氨酸合成而来，这两种氨基酸是蛋白质的基本成分，跟牛奶、大米、肉类、鸡蛋和鱼等日常食物中所含的天然氨基酸一样。阿斯巴甜在人体内的代谢过程和其他蛋白质一样，只给人体带来天然物质。阿斯巴甜的口感非常接近蔗糖，并且没有金属后味，是一种非常优秀的低热量甜味剂，适合开发零卡路里或低卡路里的食品和饮料。现在越来越多的政府鼓励公众减少糖的摄入，阿斯巴甜可以在公共健康方面发挥重要作用。

## 质量与法规

公司业务面向全球市场，致力于为全球客户提供最优质的产品和服务。公司持续技术创新，始终将产品质量和食品安全作为企业的核心竞争力，已通过ISO9001, ISO22000, FSSC22000, HALAL, KOSHER等相关认证。

## Quality and regulations

The company's business is oriented to the global market and the company devotes to providing the highest quality products and services for global customers. The company continuously engages in technical innovation and always regards product quality and food safety as its core competitiveness. It has been qualified by ISO9001, ISO22000, FSSC22000, HALAL, KOSHER and other related certifications.

## Company Products

Product name: Aspartame  
Chemical name :  
N-L- $\alpha$ -Aspartyl-L-Phenylalanine-1-Methyl Ester  
Chinese translated name :  
N-L- $\alpha$ -天冬氨酰-L-苯丙氨酸甲酯

Aspartame is a low-calorie sweetener, approximately 200 times sweeter than sucrose (table sugar). It is made from L-Phenylalanine and L-Aspartic Acid — the building blocks of proteins — just like those found naturally in daily foods such as milk, rice, meat, eggs and fish. It is digested by the body exactly the same way as these other proteins, which means aspartame brings nature material to the body. Due to its sugar-like taste and no lingering or metallic after-taste, it is an excellent low-calorie sweetener perfect for developing zero or low-calorie food and beverages. More and more government encourage the public to reduce their sugar intake, aspartame can make an important role in public health.

### ISO9001



### ISO22000



### FSSC22000



### HALAL



### KOSHER



# L-苯丙氨酸 L-Phenylalanine

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## 新疆苏源生物工程有限公司介绍

新疆苏源生物工程有限公司是江苏援疆企业重点项目,是新疆维吾尔自治区党委政府、伊犁州及伊宁市重点推进项目。

公司坐落在美丽的伊宁市总投资 5 亿元,公司占地面积 169000m<sup>2</sup>,其中生产型占地面积 55000m<sup>2</sup>,生产厂房 48000m<sup>2</sup>。公司于 2011 年 1 月与伊宁市政府签订《项目投资协议》,并落户伊宁市,同年 6 月底破土动工,目前一期的 5000 吨 L-苯丙氨酸生产线已经建成,生产运行正常,二期项目已开始建设,公司计划在 2019 年底可达到年产 8000 吨的产量,将成为全球最大的苯丙氨酸项目。公司主要从事 L-苯丙氨酸的研发、生产和销售。新疆苏源生物工程有限公司正以稳健的步伐,乘着伊犁河谷资源优势转换战略的航线起飞,携手向前,走向辉煌的明天。

## An Introduction to the Company

Xinjiang Suyuan Biological Engineering Co., Ltd. is the key project of Jiangsu supporting Xinjiang's enterprises, and the key project is boosted by Xinjiang Autonomous Region Party Committee Government, Yili Prefecture and Yining City.

The company is located in beautiful Yining City, with the total investment amount of RMB 500 million. It covers an area of 169000m<sup>2</sup>, including 55000m<sup>2</sup> of production floor area and 48000 m<sup>2</sup> of production workshop. We have concluded and signed the Project Investment Agreement with the Yining Municipal Government in January 2011 and settled in Yining City. We began the construction at the end of June of the same year. Now, the phase I production line of the 5,000 ton L-Phenylalanine has been completed, with normal production operation, while the Phase II project has started construction. We plan to reach the annual output of 8,000 tons at the end of 2019 and will become the world's largest phenylalanine project. The company mainly engages in the research, development, production and sales of L-Phenylalanine. Xinjiang Suyuan Biological Engineering Co., Ltd. is starting development by transformation strategy route of Ili Valley resource advantage with steady pace, and moves towards the brilliant tomorrow hand in hand.

## L-苯丙氨酸介绍

L-苯丙氨酸 (L-Phenylalanine, 缩写为 Phe), 分子式 C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>, 分子量为 165.19, 白色片状晶体或白色结晶性粉末, 20°C 时水中的溶解度为 2.74%, 等电点为 5.48, 熔点为 283°C, CAS 号 63-91-2。

L-苯丙氨酸作为人体必需的 8 种氨基酸之一, 它具有生物活性, 人和动物自身不能合成, 必须从外界摄取, 是氨基酸输液和氨基酸饮膳所必须的成分。L-苯丙氨酸最基本的用途是用作营养强化剂, 是氨基酸输液和复合氨基酸制剂的成分; 另一个重要用途是作为合成抗癌药物的中间体, 例如苯丙氨苄、甲酸溶肉瘤素等。此外还用于抗病毒药物、维生素 B6, 食品、饲料添加剂等。

它既是一种重要的生化营养物质, 又是多种药物的合成原料, 应用量较为广泛。L-苯丙氨酸最大的用途是与 L-天冬氨酸合成二肽甜味剂产品阿斯巴甜 (Aspartame)。我国于 1986 年批准在食品中应用, 常用于乳制品、糖果、巧克力、胶姆糖、餐桌甜味剂、保健食品、腌渍物和冷饮制品等。

L-苯丙氨酸采用吨袋、纸桶、聚丙烯 (vopp) 编织袋进行包装, 包装规格包含 500kg、450kg、40kg、25kg 四种规格, 同时可根据客户不同的要求, 更改包装的规格, 以满足客户不同要求。

## Introduction to L- Phenylalanine

L-Phenylalanine (abbreviated as Phe), with the molecular formula of C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub> and the molecular weight of 165.19, is a white lamellar crystal or white crystalline powder. Its solubility in water at 20° C reaches 2.74%, with the isoelectric point of 5.48, melting point of 283 ° C and CAS number of 63-91-2.

L-phenylalanine, as one of the 8 essential amino acids in the human body, has bioactivity. It can't be synthesized by humans and animals and must be taken from the outside world, and it's the necessary ingredient for amino acid infusion and amino acid drinking diet. The L-phenylalanine is used as the nutrition enhancer as its most basic purpose, and is an component of amino acid infusions and complex amino acid preparations; It is used as the intermediate of synthesizing anticancer drugs as another important purpose, such as the Phenylalanine, formic soluble sarcoma, etc. It is also used as the antiviral drugs, vitamin B6, food, feed additives, etc.

It is not only a kind of important biochemical nutrient, but also the synthetic raw material of various drugs, with relatively wide range of applications. L-phenylalanine is used to synthesize the dipeptide sweetener product Aspartame with L-aspartic acid as the largest purpose. China has approved to use the L-phenylalanine in food in 1986, in products such as the dairy products, candies, chocolate, gum confection, dining table sweetening agent, health foods, pickles and cold drink products, etc.

L-Phenylalanine is packaged with the Ton bags, paper barrel, and polypropylene (vopp) woven bags. The package sizes include four categories: 500kg, 450kg, 40kg, and 25kg. The specifications of the package can be changed according to the different requirements of customers at the same time.



# L-苯丙氨酸 L-Phenylalanine

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## 相关证书

IRelated certificates

## 营业执照

Business license



## ISO9001

## Kosher





## 常州光辉食品添加剂有限公司

地址：常州市新北区春江镇滨江三路18号

电话：0519-85033228

网址：[www.gsweetltd.com](http://www.gsweetltd.com)

**Changzhou Guanghui Food Ingredients Co., Ltd.**

Add : No.18 Binjiang 3rd Rd., Xinbei Dist., Changzhou City,  
Jiangsu Province, China - 213127

Tel : +86-0519-8503 3228

Web : [www.gsweetltd.com](http://www.gsweetltd.com)