

Market Research of Acesulfame Potassium in China 2024

The Sixth Edition

July 2025

Researched & Prepared by:

Kcomber Inc.

Copyright by Kcomber Inc.

Any publication, distribution or copying of the content in this report is prohibited.

Contents

Introduction and scope of study	1
Methodology and source	2
1 Introduction of Acesulfame Potassium in China	4
1.1 Historical development of acesulfame potassium industry	4
1.2 Raw materials of acesulfame potassium	5
1.3 Governmental policies and market dynamics	7
2 Supply and Demand of Acesulfame Potassium in China in 2024	10
2.1 Overview of production of acesulfame potassium in China	10
2.2 Production cost	10
2.3 Key manufacturers	11
2.4 Price (2021–2024)	13
2.5 Consumption	16
3 Forecast	20
3.1 Factors influencing China's acesulfame potassium industry	20
3.2 Supply & demand forecast 2025–2027	21

LIST OF TABLES

Table 1.1-1 Industry classification of sweeteners
Table 1.1-2 Comparison between artificial sweeteners of different generations
Table 1.2-1 Key producers of diketene in China, 2024
Table 2.2-1 Flowchart of processes involved in acesulfame potassium production
Table 2.2-2 Raw material cost for acesulfame potassium production in China, 2024
Table 2.2-3 General production costs for acesulfame potassium in China, 2024
Table 2.3-1 Major acesulfame potassium producers in China, 2024
Table 2.3-2 Capacity and output of acesulfame potassium by producers in China, 2022–2024
Table 2.5-1 Consumption pattern of acesulfame potassium in China, 2024
Table 2.5-2 Main end users of acesulfame potassium for carbonated beverages, 2024
Table 2.5-3 Main end users of acesulfame potassium for roasted seeds and nuts, 2024
Table 2.5-4 Main end users of acesulfame potassium for milk beverages, 2024
Table 2.5-5 Main end users of acesulfame potassium for other applications, 2024
Table 3.2-1 Forecast on demand for acesulfame potassium in China, 2025–2027
Table 3.2-2 Forecast on output of acesulfame potassium in China, 2025–2027

LIST OF FIGURES

Figure 2.3-1 Capacity distribution of acesulfame potassium in China, 2024
Figure 2.4-1 Monthly average ex-works prices of acesulfame potassium in China, Jan. 2021–June 2025
Figure 2.4-2 Annual ex-works price of acesulfame potassium in China, 2021–2024

1. Introduction

Aiming to disclose the latest production and analyse the price and market of China's acesulfame potassium industry, this report mainly focuses on China's acesulfame potassium industry from 2021 to 2024, as well as forecasts its development trend in the future.

As of June 2025, there are mainly three active acesulfame potassium producers in China. Anhui Jinhe is the largest producer and has held a dominant position in the industry since 2016.

In this report, you can find out the latest production situation of acesulfame potassium in China. Are there updates on the acesulfame potassium producers in China? Besides, what is the latest consumption pattern of acesulfame potassium in China?

Apart from the aspects mentioned above, what is the market situation of key raw materials? What is the overall development trend of acesulfame potassium demand in China in the future? You can find the answers in this report.

The key points of this report are listed below:

- Cost structure of acesulfame potassium in China
- Raw material cost for acesulfame potassium production in China, 2024
- Capacity distribution of acesulfame potassium in China, 2024
- Monthly average ex-works prices of acesulfame potassium in China, Jan. 2021–June 2025
- Downstream industry of acesulfame potassium in China, 2024
- Production technology of acesulfame potassium
- Situation of major acesulfame potassium producers in China, 2024
- Consumption pattern of acesulfame potassium in China, 2024
- Forecast on demand for acesulfame potassium in China, 2025–2027

Region scope: China

Time scope: primarily 2020 to 2023 unless otherwise stated

To enquire about this report, please email econtact@cnchemicals.com or call +86-20-37616606.

2. Approach for this report

- Telephone interview

The purposes of conducting telephone interviews are:

- To find out the latest updated information and accurate status of each producer in China.
- To gather information not available in published sources.
- To ensure the information used in the report is based on real data.

The interviewees include producers, research institutes & researchers and end users.

- Desk research

The sources of desk research are various, including published magazines, journals, patent documentation, industrial statistics, customs statistics, as well as information from the Internet. A lot of work went into compiling and analysing the information obtained. Some crosschecks were also made with Chinese suppliers of acesulfame potassium regarding market information such as production, consumption and price.

- Data processing and presentation

The data collected and compiled was variously sourced from:

- CCM's database
- Third party
- Statistics from governments and international institutes
- Telephone interviews with domestic producers, service suppliers and government agencies
- Customs statistics
- Information from the Internet

The data has been combined and cross-checked to ensure that this report is as accurate and methodologically sound as possible. Throughout the process, a series of discussions were held within CCM to systematically analyse the data and draw appropriate conclusions.

- Units

USD: currency unit in the US, also called the US dollar

RMB: currency unit in China, also called Yuan

t: tonne, equals to metric tonne in this report

t/a: tonne per year, tonne per annual

/t: per tonne

/d: per day

- Abbreviations

HFCS: high fructose corn syrup

The US: the United States of America

The UK: the United Kingdom

ADI: acceptable daily intake

COVID-XX: Corona Virus Disease XXXX

HIS: High-intensity sweetener

3. Executive summary

4. What is in the report?

Note: Key data/information in this sample page is hidden, while in the report it is not.

...

Introduction and scope of study

- Introduction

Aiming to disclose the latest production and analyse the price and market of China's acesulfame potassium industry, this report mainly focuses on China's acesulfame potassium industry from XXXX to XXXX, as well as forecasts its development trend in the future.

This report is based on a detailed interviewing program, supported by extensive desk research including comprehensive searches of CCM's database, a wide variety of publications and Internet sites worldwide. Wherever possible, information obtained has been incorporated into the report.

- Scope of study

Region scope: China

Time scope: primarily XXXX to XXXX unless otherwise stated

1.2 Raw materials of acesulfame potassium

...

Since XXXX, some diketene producers have shut down or suspended production due to environmental protection and safety issues. In April XXXX, Jiangsu Tiancheng Biochemical Products Co., Ltd. stopped production for rectification due to environmental protection failure. In July XXXX, Ningbo Wanglong Tech Co., Ltd. suspended production due to pipeline leakage. Thus the supply of diketene tightened in XXXX, and the yearly market price increased to USDX,XXX/t from the previous year of USDX,XXX/t. Affected by the rising raw material price, the average market price of acesulfame potassium in XXXX increased to USDX,XXX/t from USDX,XXX/t in XXXX.

The price of diketene increased significantly in XXXX, which pushed the price of acesulfame potassium

further up. And production contraction of diketene was made due contributions to a relatively high market price of acesulfame potassium in XXXX. The price decreased a little in XXXX, so the price of acesulfame potassium reduced correspondingly.

The price of diketene rose sharply in XXXX; it peaked in April at USDX,XXX/t (RMBXX,XXX/t), and the annual average in XXXX was over XX% higher than that in XXXX. The price of acesulfame potassium also increased rapidly in XXXX.

In XXXX, the price of diketene fell back, and the annual average price was USDX,XXX/t (RMBXX,XXX/t). The decrease in raw material price narrowed the increase in the price of acesulfame potassium in XXXX.

In XXXX, the annual average price of diketene dropped further to USDX,XXX/t (RMBXX,XXX/t), resulting in a continuous decline in the price of acesulfame potassium.

In XXXX, the annual average price of diketene increased slightly to USDX,XXX/t (RMBXX,XXX/t), which is one of the factors contributing to the rise in acesulfame potassium price.

...

2.1 Overview of production of acesulfame potassium in China

At present, the capacity of acesulfame potassium in China is concentrated in a few producers.

China's acesulfame potassium capacity increased from XX,XXX t/a in XXXX to XX,XXX t/a in XXXX, as Nantong Hongxin Chemical Co., Ltd. (Nantong Hongxin) finished its XX,XXX t/a project. In XXXX, the production capacity decreased to XX,XXX t/a. The main reason was that Shandong Yabang Chemical Technology Co., Ltd. (Shandong Yabang), affected by market competition, suspended the production of acesulfame potassium and transformed the original acesulfame potassium production facilities to produce inositol instead.

Acesulfame potassium production in China has been on the rise since XXXX, hitting XX,XXX tonnes in XXXX. However, the figure decreased a little to XX,XXX tonnes in XXXX. In XXXX, the production volume of acesulfame potassium increased to XX,XXX tonnes.

2.2 Production cost

...

[OBJ]

Source:CCM

...

Table 2.2-1 General production costs for acesulfame potassium in China, 2024

Item	Unit cost, USD/t	Share
XXX XXXXXXXX XXXX	XXXXX	XXX
XXXXXXXXXXXXXXXX XXXX	XXX	XXX
XXXXXXXXXX	XXX	XXX
XXXXX XXXX	XXX	XXX
XXXXXX	XXX	XX
XXXXX	XXXX	XXXX

Source:CCM

2.3 Key manufacturers

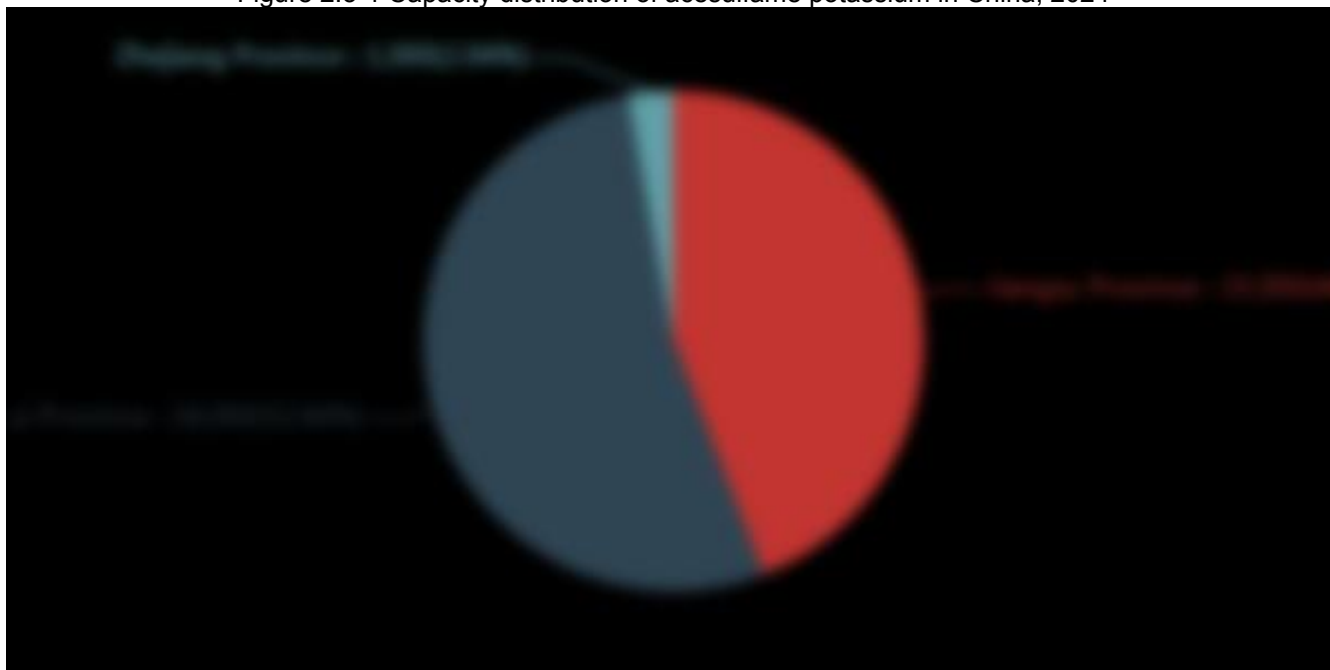
Table 2.3-1 Major acesulfame potassium producers in China, 2024

No.	Producer	Abbreviation	Plant location	Launch time	Company type
X	XXXXX XXXXX XXXXXXXXXXXX XXXX XXXX	XXXXX XXXXX	XXXXX	XXXX	XXXXXXXX XXXXXX XXXXX XXXXXXXX
X	XXXXXXXXX XXXXXX XXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXX XXXXXXX	XXXXXXXXX	XXXX	XXXXXXXX
X	XXXXXXXXXX XXXX XXXX	XXXXXXXXXX	XXXXX	XXXX	XXXXXXXX
X	XXXXXXXXX XXXXXXXX XXXXXXXXX XXXX XXXX	XXXXXXXXX XXXXXXXXX	XXXXXXXXX	XXXX	XXXXXXXX
X	XXXXXXXXXX XXXXX XXXX XXXX XXXX	XXXXXXXXXX XXXXX	XXXXXXXXXX	XXXX	XXXXXXXX

Source:CCM

...

Figure 2.3-1 Capacity distribution of acesulfame potassium in China, 2024



Source:CCM

2.4 Price (2021–2024)

...

Figure 2.4-1 Annual ex-works price of acesulfame potassium in China, 2021–2024



Note:Acesulfame K is an abbreviation for acesulfame potassium.

Source:CCM

Generally speaking, since XXXX, China's acesulfame potassium has been in an oligopoly market, which is dominated by Anhui Jinhe.

The ex-works price of acesulfame potassium decreased to USDX,XXX/t (RMBXX,XXX/t)–USDX,XXX/t (RMBXX,XXX/t) in XXXX, mainly influenced by the COVID-XX outbreak and subsequent price fall in most chemicals including some basic chemicals such as caustic soda, sulfuric acid, acetic acid, etc.

The prices recovered in HX XXXX and skyrocketed in Aug.–Oct. as a result of rising raw material costs and "dual control" on energy consumption and energy intensity. It maintained at RMBXX,XXX/t from Oct. XXXX to Jan. XXXX. Main contributors to the jumping price are:

- Firstly, the US and other countries adopted a stimulative monetary policy to fight against economic recession caused by the coronavirus pandemic, which pushed up inflation around the world. Consequently, many manufacturers raised the product price to reduce their pressures since prices of raw materials and commodity goods kept surging.
- Secondly, the "dual control" policy was implemented in HX XXXX. Essentials for production, steam and electricity, had witnessed soaring prices. Manufacturers had to raise the price because of high production costs.
- Thirdly, the combination of elevated raw material prices, strong demand and the price increase of other sweeteners sent the price of acesulfame potassium higher.

In XXXX, the price of acesulfame potassium started to decline, but it still remained at an all-time high level throughout the year on the whole and the average price of acesulfame in XXXX increased about XX% YoY. The price decrease during the year was primarily linked to the decline in the prices of main raw materials including diketene. Although producers had been reluctant to reduce price since QX, the price only climbed slightly in Sept. due to the weak demand and Nantong Hongxin's acesulfame potassium project about to start production. Later, with the arrival of the off-season, the price trended downward in QX.

In XXXX, the price of acesulfame potassium continued to decline due to the imbalance between supply and demand and only picked up slightly in Sept. The slight rebound was mainly because:

- The sugar substitute market was recovering amid the tight supply of sugar and rising international sugar prices.
- Major acesulfame potassium manufacturers raised prices given the higher prices of energy and raw materials.

In XXXX, the price of acesulfame potassium remained generally stable at a low level with minor

fluctuations, but it still showed a downward trend overall. In Aug. XXXX, the price dropped to its historical low of USDX,XXX/t (RMBXX,XXX/t). In Sept., it was raised to USDX,XXX/t (RMBXX,XXX/t) by Anhui Jinhe and then fell back to around USDX,XXX/t (RMBXX,XXX/t). At present, it is in a gradual recovery phase.

2.5 Consumption

...

Table 2.5-1 Main end users of acesulfame potassium for carbonated beverages, 2024

No.	Company	Product
X	XXXX XXXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXX XXXXX XXXXXXXXXX XXXXXXX XXXX XXXXXXX XXXXXXX XXXXX XXXXXXXX XXXXXXX XXXXX XXXX XXXXXXX
X	XXXXXXXX XXXXXXX XXXXXXX	XXXXXXXXXXXX XXXX XXXX XXXXXXX XXXXX XXXXXXX
X	XXXXXXXXXX XXXXXXXXXX XXXXX XXXX XXXX	XXXXXXXXXXXX XXXXXXX XXXXX
X	XXXXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXX XXXX	XXXXXXXXXXXX XXXX XXXXX
X	XXXXXXXX XXXXXXX XXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXX XXXX XXXXX
X	XXXXXXXX XXXXXXX XXXXX XXXX XXXX	XXXXXX XXXX XXXXX
X	XXXXXX XXXXXXX XXXX XXX XXXXXXXX XXXX XXXX	XXXXXX XXXXX XXXX XXXXXXXXXXX XXXXX
X	XXXXXXXX XXXXXXX X XXXXXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXX XXXX XXXXXXXXXXX XXXXX
X	XXXXXX XXXXX XXXXX XXXX XXXX	XXXX XXXXXXXXXXX XXXXX

Source:CCM

...

3.2 Supply & demand forecast 2025–2027

Influenced by increasing demand for low-sugar diets in recent years, the demand for new sweeteners including acesulfame potassium is predicted to grow in the future, as they gradually replace traditional sweeteners. With advantages in safeness, taste and price, acesulfame potassium sees a bright future.

It is expected that both the domestic output and the production capacity of acesulfame potassium will increase.

- The capacity will see a jump with Anhui Jinhe Industrial Co., Ltd.'s expansion project. The domestic acesulfame potassium production capacity will reach XX,XXX t/a once this project is put into production.

-The XX,XXX t/a production line of Hongxin Chemical has been continuously increasing its output since its completion. In XXXX, the capacity utilization rate of this production line was XX.XX%, and in XXXX, it increased to XX%.

- In XXXX, China's export volume of acesulfame potassium is expected to increase compared to XXXX. With the surging global interest in low-sugar and low-calorie products, the frequency of acesulfame potassium use in the health product markets of Europe, America, and other countries is rising continuously, providing a vast space for the export of Chinese acesulfame potassium enterprises.

Table 3.2-1 Forecast on demand for acesulfame potassium in China, 2025–2027

Year	Output,tonne	Growth rate
XXXX	XXXXXX	XXXX
XXXX	XXXXXX	XXXX
XXXX	XXXXXX	XXXX

Source:CCM

Table 3.2-2 Forecast on output of acesulfame potassium in China, 2025–2027

Year	Demand,tonne	Growth rate
XXXX	XXXXX	XXXX
XXXX	XXXXX	XXXX
XXXX	XXXXX	XXXX

Source:CCM

It is estimated that the domestic demand for acesulfame potassium will continue to grow in the future,

reaching about X,XXX tonnes in XXXX with a CAGR of X.XX% in XXXX–XXXX. Also, the supply of acesulfame potassium may increase to XX,XXX tonnes in XXXX with a CAGR of X.XX% in XXXX–XXXX.

If you want more information, please feel free to contact us

Tel: +86-20-37616606 Fax: +86-20-37616968

Email: econtact@cnchemicals.com