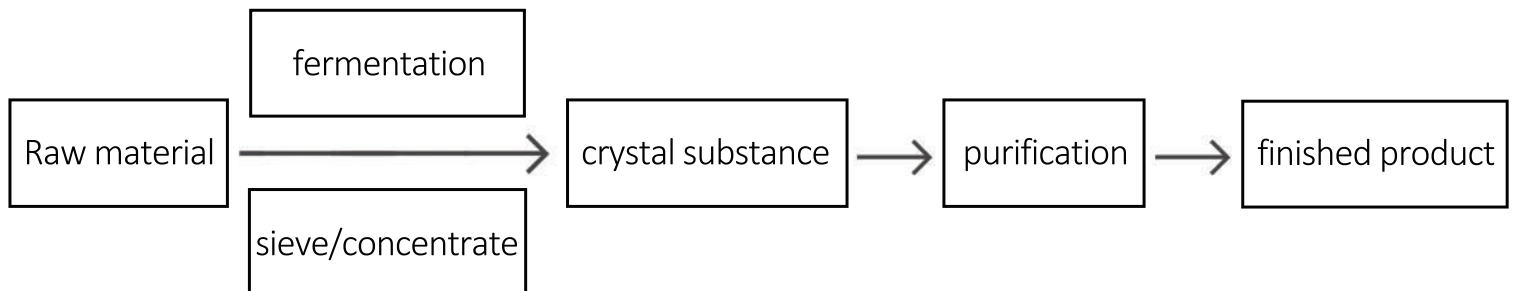




KOJIC ACID

INTRODUCTION & DESCRIPTION

Kojic acid, also known as aspergillilic acid which is a melanin-specific inhibitor. After entering skin cells, it can complex with copper ions in cells, change the three-dimensional structure of tyrosinase, and prevent the activation of tyrosinase, thereby inhibiting the formation of melanin. Kojic acid has better tyrosinase inhibitory effect than other skin whitening raw materials. It has no toxic effect on cells and at the same time it can enter the intercellular substance to form intercellular glia, which can retain water and increase skin elasticity. At present, it is widely used in cosmetics. The production process is as follows:



PRODUCT INFORMATION



Product name	Kojic acid
CAS No.	501-30-4
English name	Kojic acid
Purity	99% or higher
Product appearance	White crystalline powder

FUNCTIONS

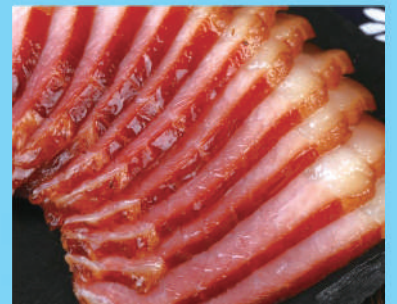
1 Used for cosmetics:

kojic acid can inhibit the synthesis of tyrosinase, can strongly inhibit the formation of skin melanin. It is safe and non-toxic, will not produce vitiligo sequelae, so kojic acid has been used in lotions, masks, lotions, and skin creams and other high-end whitening cosmetics. It can effectively treat freckles, age spots, pigmentation, acne. Kojic acid at a concentration of 20ug/ml can inhibit 70-80% of the activity of various tyrosinase (PPO) enzymes, and recommended dosage in cosmetics is 0.5-2.0%.



2 Used for food:

kojic acid can be used as a food additive for preservation, antiseptic and antioxidant effects. Experiments have shown that kojic acid can inhibit the conversion of sodium nitrite in bacon into carcinogenic nitrosamines, and adding kojic acid to food will not affect the taste, aroma and texture of food. Kojic acid as a raw material produces maltol and ethyl maltol. It is widely used in food processing.



3 Used for medicinal:

As kojic acid has no mutagenic effect on eukaryotic cells, it can also eliminate free radicals in the human body and enhance the power of leukocytes, which is beneficial to human health. Therefore kojic acid has been used as the raw material of cephalosporin antibiotics and produced the finished medicines are used for treating headache, toothache and the analgesic and anti-inflammatory effects are very ideal.



4 Used for agricultural pesticides:

kojic acid can be used in the production of biological pesticides. Microbial fertilizer (dark red liquid) made of 0.5-1.0% kojic acid, whether it is sprayed on the foliage at a low concentration, or made into a growth and yield-increasing product, this is significant effective for grains and vegetables.



PACKAGE

- Shelf life: 2 years.
- Package: 1kg/ aluminum foil bag, 25 kg/drum



1kg
aluminum foil bag



25kg
drum