

The background is a light pink color with a subtle, larger-scale floral pattern. In the top left corner, there is a small bouquet of pink roses with green leaves. In the top right corner, there is a larger, dense bouquet of pink roses. Scattered throughout the background are several individual pink rose petals. The text is centered in the upper half of the image.

Kojic Acid

Brilliant-MB218

Spot Removal

Natural skin lightening ingredient



01

Introduction

Product Introduction



INCI Name: Kojic Acid

Kojic Acid is found in people's life activities, it is known that the skin on the hands of the brewers of soy sauce, bean paste and wine is always particularly white, inspired by this people extracted this ingredient from *Penicillium*, *Aspergillus* and other filamentous fungi, which are safe substances.

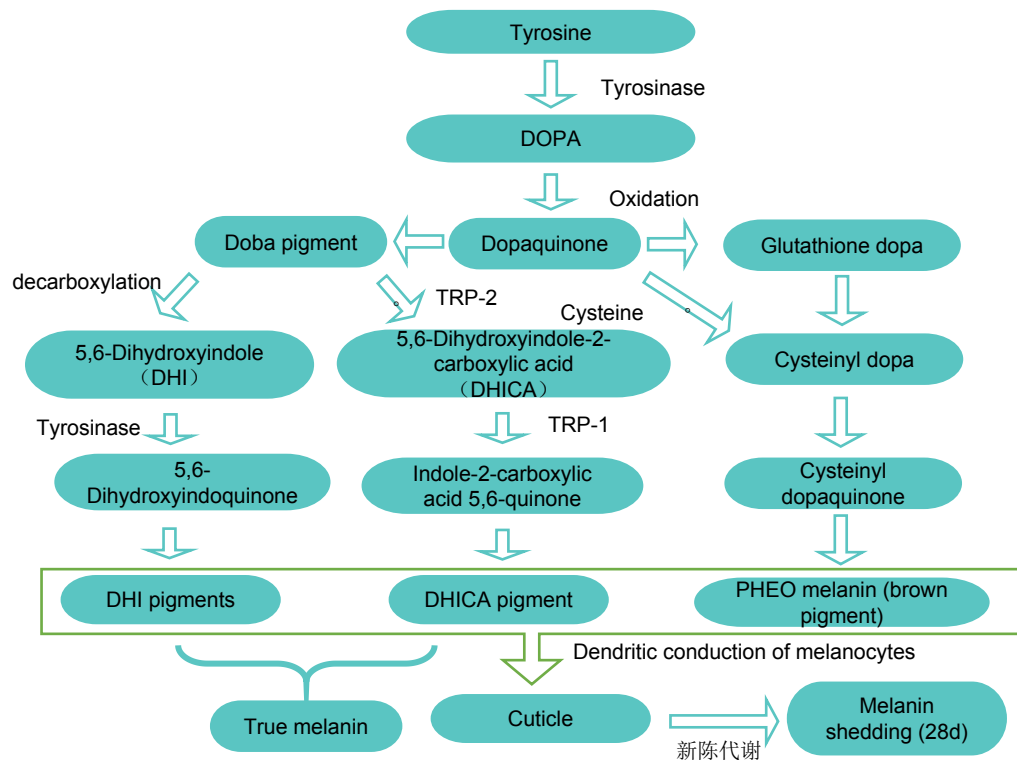
Kojic Acid is now formulated into various cosmetic ingredients to make whitening cosmetics for freckles, age spots, hyperpigmentation and acne.



02

Mechanism of action and claims of efficacy

Whitening Mechanism



Kojic Acid can enter the skin cells and inhibit the activation of tyrosinase by inhibiting the ability to complex with copper ions in the cells in a non-competitive manner, changing the steric structure of tyrosinase, causing copper ions to lose their activating effect on tyrosinase and preventing the activation of tyrosinase, thus inhibiting the formation of melanin.

Efficacy Claims

01

Inhibitor of tyrosinase activity, melanin-specific inhibitor, highly effective whitening agent.

02

Retaining water and increasing skin elasticity, treating and preventing skin discoloration formation, reducing wrinkles, scavenging free radicals and enhancing cellular vitality.

03

It is added to hair products to eliminate dandruff and has some antibacterial properties.



03

Efficacy Evaluation

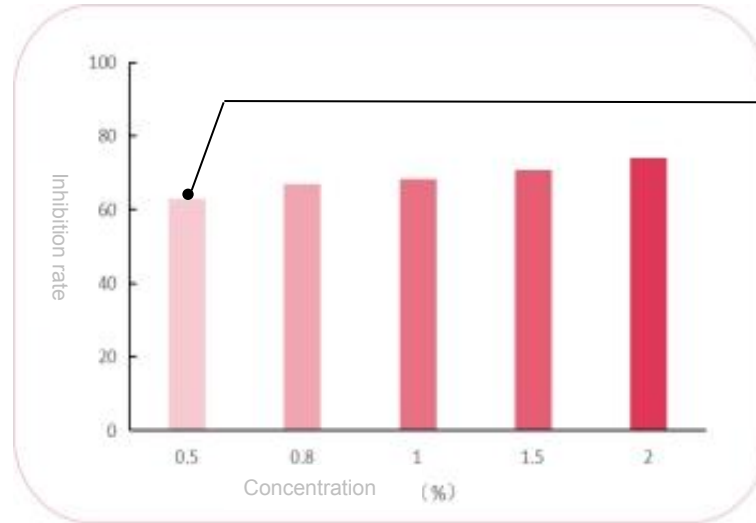


- in vitro -

Inhibitory effect on tyrosinase activity

Efficacy Evaluation

Excellent inhibition of tyrosinase activity to reduce melanin production and deposition



The inhibition of tyrosinase activity by tric acid has reached 62% at a minimum addition of 0.5%.

Inhibitory effect of tric acid on tyrosinase activity



04

Formulation recommendation and product application

Recommended Formulation

Whitening Mask

Serial number	Ingredients	Dosage	Serial number	Ingredients	Dosage
1	1,3-Butanediol	5.0%	2	Glycerin	3.0%
3	Brilliant BSJ15	1.0%	4	Hyaluronic Acid	0.05%
5	Panthenol	0.3%	6	Allantoin	0.05%
7	Dipotassium glycyrrhizinate	0.1%	8	Hansen Gum (T)	0.15%
9	Hydroxyethylcellulose	0.14%	10	Oat Glucan	1.0%
11	Kojic Acid	0.2%	12	Glycyrrhiza glabra extract	0.3%
13	Niacinamide	0.5%	14	Water-soluble Azone	0.3%
15	Citric acid	0.1%	16	Sodium citrate	0.05%
17	EDTA-2Na	0.1%	18	PE-9010	0.5%
19	Deionized water	up to 100%			

Product Application

Recommended dosage	
Characteristic	0.5~ 2.0%
	This product is white or off-white crystal, easily soluble in water, insoluble in oil and grease
How to use	This product has good compatibility with other raw materials and is added to the aqueous phase for use when making
	This product has the effect of whitening and removing spots, and is often used in high-grade cosmetics for whitening and removing spots
Use	1kg/bag, aluminum foil bag, inner plastic bag; 20kg, 25kg/barrel, carton. Airtight, cool and keep away from light, shelf life 2 years
Packaging and storage	



THANK YOU!

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