

Kojic Acid

Specification Sheet

Description: Kojic acid (5-hydroxy-2-hydroxymethyl-4-pyrone) is a by-product in the fermentation process of malting rice. Mild inhibitor of the formation of pigment in plant and animal tissues.

CAS: 501-30-4, 7732-18-5

INCI Name: Kojic Acid, Water

Composition: Kojic Acid, Water

Appearance: Off-white powder

Benefits:

- Skin-lightening effect by inhibiting melanin formation.
- Promotes skin lightening and helps establishing an even skin tone on all skin types.
- Minimizes liver spots.
- Often used also to preserve or stabilize colors in cosmetic products.
- Can enhance shelf life through its preservative actions against chemical and microbial degradation.

Use: Recommended concentration 1-3%. Add to warm (25-40°C/77-104°F) water phase of formula. It can oxidize and lose some of its activity if put into hot water (>40°C/104°F). Can be combined with other skin lighteners. Kojic acid has tendency to oxidize over time; add vitamin E tocopherol or BHT to a formula to reduce oxidation. For external use only.

Applications: All kinds of skin-lightening products including lotions, creams, fluids, makeup products.

Solubility: Water-soluble

Preservation: Preservative-free

Storage: Store light-protected at a cool and dry place.

Country of Origin: China

Raw material source: Sugars obtained from corn starch or rice.

Manufacture: Kojic acid is produced by fungus fermentation (mostly *Aspergillus* species) of various sugars.



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Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 3202100000