

iWhite Glabridin

INCI Name (US): Glabridin

INCI Name (EU): Glabridin

CAS #: 59870-68-7

**General Information/
Characteristics:**

Glycyrrhiza Glabra is used as a natural whitening emollient. It inhibits tyrosinase activity and oxidizing enzymes. This extract has been used as an anti-inflammatory and antioxidant since licochalcone-a molecule contained in licorice root extract- aids in controlling oil production and helps soothe acne-prone skin. Glabridin possesses similar abilities as SOD(Super Oxide Dismutase), meaning it can remove free radicals. Additionally, it has antioxidant properties similar to Vitamin E.

Benefits / Application:

Skin care benefits:

- Whitening/lightening effects.
- Advantageous moisturization and oil production control.
- Provides the skin with soothing action in acne treatment.
- Imparts antioxidant action.

Applications:

- Whiteners, moisturizers and tonics.
- Restorative Gel masks, complexion correctors and anti-aging creams.
- Anti-acne and anti-inflammatory topical treatments.

Formulations Advices:

Dosage levels: 0.1-5%. Dissolved in ethanol, 1,3-propanediol and 1,3-butanediol.

Regulatory Status:

No specific regulations.

**Physical-Chemical
Properties:**

Appearance	Powder.
Color:	Red-brown.
Heavy metals (ppm)max:	10
Arsenic (ppm)max:	2

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Loss on drying (%): 5.0
Active content (%)min: 40

**These values indicate typical specification; they are not intended to be used as product specifications*

Microbiology: Total of bacterial(CFU/g) max: 100
Yeast and molds (CFU/g) max: 80

Additives: None.

Shelf Life / Storage Conditions: Keep container tightly closed. Keep container in a cool, dark and well-ventilated area.

Packaging: 1000g/Aluminum foil bag.

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