

PRODUCT NAME

Bakuchiol 98%

DESCRIPTION

Bakuchiol 98%, a natural skin care ingredient derived from bakuchiol seeds, is obtained from the babchi plant (*Psoralea corylifolia*). It can significantly improve skin elasticity, firmness, pigmentation and hydration. All these can occur without dryness or skin flakiness. It was also found to have effect on collagen and elastin, two of the skin's most precious proteins. It has proven to suppress melanin and increase skin firmness by regulating types I, II and IV collagen all to reduce fine lines and wrinkles.

PRODUCT IDENTIFICATION

INCI Name: Bakuchiol

CAS No.: 10309-37-2

EINECS Number: 685-515-4

Chemical Formula: $C_{18}H_{24}O$

Molecular Weight: 256.38

SPECIFICATION

ITEMS	SPECIFICATION
Appearance	Brownish red viscous liquid
Identification	Positive
Purity	≥98%
Assay	≥98%
Water	≤2%
Psoralen	≤100mg/kg
Angelicin	
Solvent residues	≤5000mg/kg
Heavy metals	≤10mg/kg
Lead	≤2mg/kg
Arsenic	≤1mg/kg
Mercury	≤0.1mg/kg
Cadmium	≤1mg/kg
Total plate count	<1000cfu/g

Yeast & Molds	<100cfu/g
E. Coli	Negative
Salmonella	Negative
Staphylococcus	Negative

ADVANTAGES

- High efficiency
- Natural origin and high safety
- Easy to formulate

STORAGE AND STABILITY

The product may be stored for 24 months from the date of manufacture in the unopened original container and at room temperature.

It should be protected from light, heat, oxygen and moisture. Keep container tightly closed. Once opened, use contents quickly.

APPLICATIONS

- Bakuchiol has unique anti-oxidation effect. It is widely used in cosmetic products. It was included in the European cosmetic material list in 1998, and included in INCI list in 2009. It generally conjunctive used with other active substances as smoother and protector of skin.
- In cosmetic products, Bakuchiol can be used in cream, emulsion, gel, mask, cleanser, toner, etc. as a skin conditioner.
- Bakuchiol has significant effect on acne and pigmentation after acne inflammation.
- Optimum pH: no greater than 6.5.

DOSAGE

0.5-1.0%