



Bakuchiol

INCI Bakuchiol
CAS 10309-37-2

SPECIFICATIONS

Appearance liquid
Purity (%) 99.0 minimum
Odor characteristic

GENERAL INFORMATION

Bakuchiol has been historically utilized in traditional Chinese medicine for treating various types of cancer and combating osteoporosis. More recently, it has gained recognition in dermatology for its efficacy in reducing wrinkles, enhancing skin complexion, and diminishing acne through its antibacterial properties.

Isolated from the *Psoralea corylifolia* plant through a controlled process, Connect Chemicals Bakuchiol has a very high purity.

The psoralens are carefully controlled to ensure the product's highest safety.

Its natural origin offers a botanical and vegan option for individuals seeking a skincare regimen without synthetic chemicals.

Studies indicate that Bakuchiol promotes collagen synthesis and protects mitochondrial DNA, all without causing irritation or photosensitivity, making it ideal for sensitive skin.

While its mechanisms are analogous to those of retinol, Bakuchiol does not elicit similar adverse effects.

There was no photosensitivity observed with the use of this ingredient in daytime formulations.

FORMULATION & RECOMMENDATIONS

Bakuchiol can be incorporated into various cosmetic products such as serums, creams, lotions, oils, and masks. It works well with other ingredients like hyaluronic acid, peptides, antioxidants and botanical extracts that enhance its benefits and improve skin texture.

Consider using mild emulsifiers and thickeners to create a pleasant texture, ensuring the formula is easily absorbed by the skin.

When formulating with Bakuchiol, consider using it in oil-based systems or as part of emulsions where the oil phase is prevalent.

For products requiring water-based formulations, using suitable carriers or co-solvents might help in achieving better integration of Bakuchiol.

Recommended concentration

0.5 – 2.0 %

Tested at 1% can be effective for anti-aging benefits.

Solubility

Bakuchiol is soluble in various organic solvents and oils.

BENEFITS

- Suitable for daily use
- Complementary with other ingredients
- Anti-aging properties
- Boosts the production of Collagen I, III and IV, as per ex-vivo studies demonstrate anti-oxidant properties

APPLICATIONS

- Skin Care
- Make-Up
- Toiletries
- Baby Care
- Sun Care

SHELF LIFE

24 months under proper storage conditions

REGULATORY

ECOCERT/COSMOS
NATRUE

Approved
Approved