



Bakuchiol

Plant Derived Alternative to Retinol



Bakuchiol – What Is It?

- Bakuchiol (pronounced "buh-KOO-chee-all") is a **naturally occurring antioxidant** found in the seeds of Psoralea Corylifolia, a plant found in Eastern Asia. This plant is used in Indian & Chinese traditional medicine.
- **Clinical studies** have confirmed that bakuchiol is a **true retinol-like** functional compound without the negative effects of retinol.
- Bakuchiol visibly **reduces** fine lines, wrinkles and acne.
- Good for those with **sensitive skin**, mature skin, and acne prone skin.





Bakuchiol Is a Trending Ingredient

Consumers are quickly learning about all of Bakuchiol's amazing benefits. Many beauty and wellness focused publications such as [Women's Health Mag](#), [Vogue](#), [Health.com](#), [The Guardian](#), and [Refinery 29](#) have published articles on this trending topic.

"Nature's Answer To
Retinol"

"This **naturally derived,**
sustainable ingredient shows
much promise in a world
overrun with nonsense
claims."

"A wonder
ingredient of the
new retinol
alternatives"

Bakuchiol

Product Information

INCI NAME	Bakuchiol
CHEMICAL NAME	Phenol, 4-[(1E, 3S)-3-ethenyl-3, 7-dimethyl-1, 6-octadienyl]
CHEMICAL FORMULA	C ₁₈ H ₂₄ O
STRENGTH	99%
CAS #	10309-37-2
PLANT PART	Extracted from the seeds of Psoralea corylifolia
APPEARANCE	Light yellow to light red colour viscous liquid
SOLUBILITY/MISCIBILITY	Soluble in Methanol, DMSO and Ethanol
STABILITY	Photochemically & hydrolytically stable
pH	~6
SUGGESTED USE RATIO	0.5% - 1%
REGULATORY	Approved for US, Europe, Australia, Canada, Japan, Korea and many others

Additional Information:

- Storage Condition - Store at room temperature
- Shelf life - 36 months from date of manufacture
- Allergen Statement - Free from Allergen
- GMO status - GMO free
- Sanitizing treatment - Non- irradiated and Non treated with ETO



Bakuchiol for Anti-Aging

- Bakuchiol mimics the functionality of retinol, **without the negative effects**, such as safety and stability.
- Clinical studies have proven improvement in lines and **wrinkles**, elasticity, and **firmness** in human subjects over a 12 week time span.
- Bakuchiol **stimulates** more **collagen reproduction** than retinol, upregulating Collagen I, III and IV production.
- It is clinically proven to **protect** skin from UV-induced damage.



Bakuchiol for Acne

- Bakuchiol has anti-bacterial properties which make is ideal for treating *Propionibacterium acne*.
- Bakuchiol can help with the four symptoms of acne: excessive sebum production, over production of bad bacteria, inflammation, and hyperkeratinization.
- Bakuchiol can help switch off an enzyme which degrades/oxidizes collagen; which means it can help smooth out skin and help prevent ice pick acne scars.





How can I use
Bakuchiol in my
formulation?

Formulation Guidelines

- Suggested use level is 0.5% to 1.0% (w/w) of finished formulation.
- Can be included into the oil phase.
- Protect from prolonged exposure to heat and light to conserve integrity.
- Can be used in conjunction with Salicylic Acid to help control acne breakouts.
- Can be used in conjunction with Retinol to help stabilizing it.
- Small amount of chelating agent can be used to counteract coloration in the final product.



Existing finished products using **Bakuchiol**



Selfridges
30ml Moisturiser - £12.99



Harrods
30ml Facial Oil - £90



Ole Henriksen
50ml Sleeping Crème - £51



BYBI
15ml skin booster - £13



REN
50ml anti-ageing
Moisturiser - £52



Biossance
30ml Skin serum - £74



**Herbivore Medik8
(Space NK)**
30ml Skin serum - £49

Supporting Documents Available

Specification/TDS

COA

SDS

Allergen Free
Statement

SVHC Free
Statement

Ingredient
Composition

Certificate for
non-ETO

Solvent Statement

Manufacturing
Flow Chart

Country of Origin
Statement

Vegan/Vegetarian
Statement

Melamine Free
Statement


GMO/TSE/BSE
Free Statement

Non-animal
testing statement



Where can I purchase **Bakuchiol?**



 +44(0) 161 476 6161

www.ascot1.com