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*international*

# Bakuchiol

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*New 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. ([Source](#))
- Bakuchiol visibly reduces fine lines, wrinkles and acne.
- Good for those with sensitive skin, mature skin, and acne prone skin.
- Also goes by Babchi Seed.



# 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

<b>INCI NAME</b>	<b>Bakuchiol</b>
<b>CHEMICAL NAME</b>	Phenol, 4-[(1E, 3S)-3-ethenyl-3, 7-dimethyl-1, 6-octadienyl]
<b>CHEMICAL FORMULA</b>	C <sub>18</sub> H <sub>24</sub> O
<b>STRENGTH</b>	99%
<b>CAS #</b>	10309-37-2
<b>PLANT PART</b>	Extracted from the seeds of <i>Psoralea corylifolia</i>
<b>APPEARANCE</b>	Dark red color viscous liquid
<b>SOLUBILITY/MISCIBILITY</b>	Soluble in Methanol, DMSO and Ethanol
<b>STABILITY</b>	Photochemically & hydrolytically stable
<b>SUGGESTED USE RATIO</b>	0.5% - 1%
<b>STORAGE</b>	Store in original sealed container at +10°C to +30°C; Avoid exposure to light & heat
<b>REGULATORY</b>	Approved for US, Europe, Australia, Canada, Japan, Korea and many others

# Bakuchiol for Anti-Aging

- Bakuchiol mimics the functionality of retinol, without the negative effects, such as safety and stability.
- Clinical studies have proven reduction of fine wrinkle depth and skin roughness in human subjects over a 12 week time span.
- Bakuchiol stimulates more collagen reproduction than retinol.
- It is clinically proven to protect skin from UV-induced damage.



# Bakuchiol for Acne

- Bakuchiol has anti-bacterial properties which make it 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  
formulations?



# Formulation Guidelines

- Suggested use level is 0.5% to 1.0% (w/w) of finished formulation.
- Add Bakuchiol to the formulation after making emulsion with a processing temperature of about 50°C.
- Can be included during the oil phase.
- Protect from prolong exposure to heat and light to conserve integrity.
- Small amount of chelating agent can be used to counteract coloration in the final product.



# Existing finished products using Bakuchiol



**Selfridges**  
30ml Moisturiser - £9.99



**Harrods**  
30ml Facial Oil - £82



**Ole Henriksen**  
50ml Sleeping Crème - £46



**BYBI**  
15ml skin booster - £12



**REN**  
50ml anti-ageing  
Moisturiser - £45



**Biossance**  
30ml Skin serum - £61



**Herbivore (Space NK)**  
30ml Skin serum - £45

# Supporting Documents Available

- ✓ Specification/TDS
- ✓ COA
- ✓ SDS
- ✓ Allergen Free Statement
- ✓ GMO/TSE/BSE Free Statement
- ✓ Ingredient Composition
- ✓ Certificate for non-ETO

- ✓ Solvent Statement
- ✓ Manufacturing Flow Chart
- ✓ Country of Origin Statement
- ✓ Vegan/Vegetarian Statement
- ✓ Melamine Free Statement
- ✓ SVHC Statement
- ✓ Non-animal testing statement

# Where can I purchase Bakuchiol?



Ascot International offers a wide variety of ingredients for natural skincare formulations – including Bakuchiol!



Email the product manager Hannah [hannahc@ascot1.com](mailto:hannahc@ascot1.com) right now and request a quote.



One of our team will promptly contact you and assist you with your purchase.



ascot  
*international*

Visit: [www.ascot1.com](http://www.ascot1.com)

Call: +44 161 476 6161

Email: [hannahc@ascot1.com](mailto:hannahc@ascot1.com)