



Sunpure Extracts®
Private Limited



BAKUCHIpure™



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*bakuchiol is developed by SRIC (Sunpure Research Incubation Centre) obtained from the seeds of Psoralea corylifolia, also known as the babchi plant. It is a strong plant-based component that's ideal for sensitive skin derived from the seeds and leaves of babchi or bakuchiol and the plant is indigenous to India and China. It has been used since times immemorial in Ayurvedic medicine for healing several skin woes. In recent times, BAKUCHI*pure™ *bakuchiol has gained huge momentum and is used extensively to formulate beauty products designed to slow down the signs of ageing.*

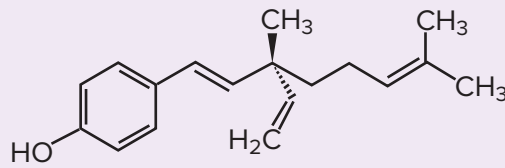
Formula: C₁₈H₂₄O

Boiling point: 391.4°C

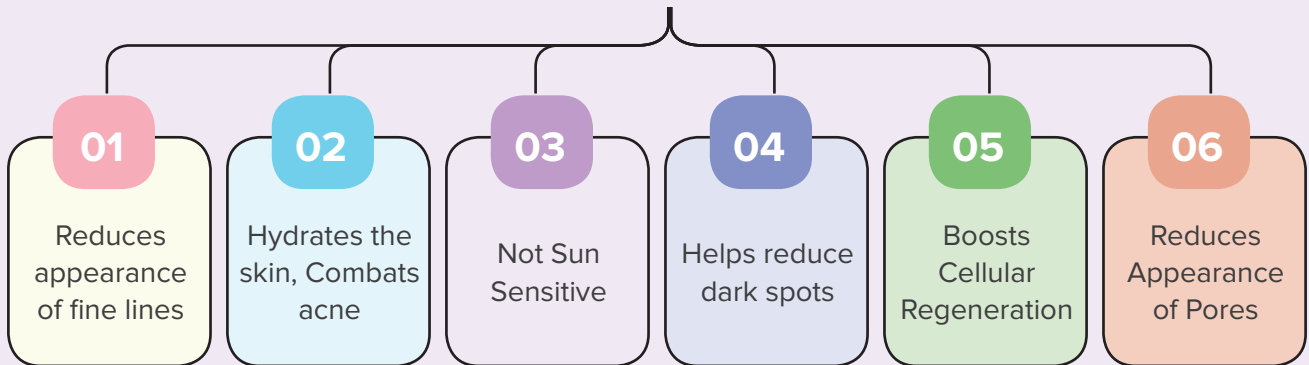
SPECIFICATION

Trade Name	BAKUCHIpure™
Botanical Name	<i>Psoralea corylifolia</i>
Plant part used	Seeds
Grades	USP/Non USP-Ethanol/Oil Base
INCI Name	Bakuchiol
Appearance	Dark red colour viscous liquid
Purity	Min. 99% by HPLC
Application	A cosmetic ingredient stable in formulate, easy to formulate with & has been shown to stabilize retinol

CHEMICAL STRUCTURE



BAKUCHIOL BENEFITS



BAKUCHIpure™ bakuchiol is a vegan skincare ingredient found in the leaves and seeds of the *Psoralea corylifolia* plant. It is a potent antioxidant, visibly reduces skin discolourations from environmental exposure, and has a pronounced soothing effect on skin. Bakuchiol can also reduce the appearance of fine lines and wrinkles, which is why you're seeing it in more skincare products. BAKUCHIpure™ Bakuchiol has its roots in Indian/Chinese Medicine, and the latest research shows topical application has unique benefits for all skin types.

How does BAKUCHIpure™ work?

BAKUCHIpure™ Bakuchiol has soothing properties which help to comfort skin and minimise issues associated with sensitivity and reactivity. It is also a potent antioxidant and helps fight signs of ageing, such as fine lines and loss of firmness by targeting free radicals. Antioxidants also help to protect the skin from pollution and environmental stressors which can cause damage.

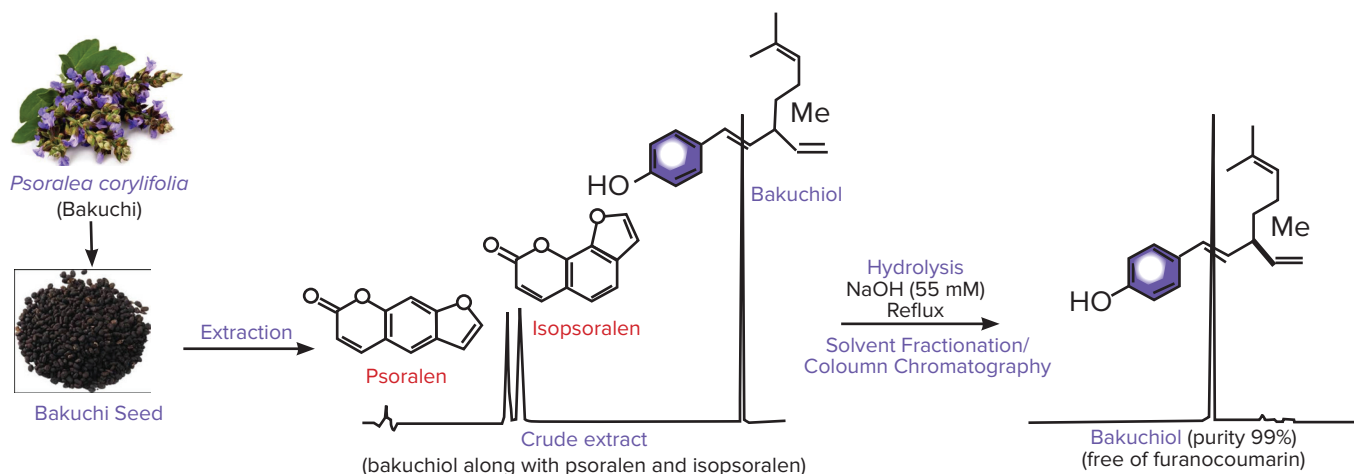
You may have seen BAKUCHIpure™ bakuchiol acne skincare products. The soothing and calming properties of bakuchiol could help those with acne-prone skin in addition to skin that is beginning to show signs of ageing.

What does BAKUCHIpure™ do?

Research has shown that BAKUCHIpure™ bakuchiol has a range of anti-ageing benefits for skin. It can reduce the appearance of fine lines and wrinkles, help restore firmness, refine skin texture and even out skin tone. BAKUCHIpure™ Bakuchiol helps to calm skin making it a good option for those whose skin shows signs of sensitivity.

When paired with retinol, BAKUCHIpure™ bakuchiol can help stabilise it and keep it effective for longer. Another benefit of using products that contain both bakuchiol and retinol is that bakuchiol's calming ability may enable skin to tolerate retinol in higher amounts.

PROCESS/METHOD FOR ISOLATION OF NATURAL BAKUCHIOL



REFERENCES

1. Adhikari et al, Antioxidant activity of baku-chiol: Experimental evidences and theoretical treatments on the possible involvement of the terpenoid chain, *Chem Res Toxicol* 16 1062–1069 (2003)
2. Adhikari, S.; Joshi, R.; Patro, B. S.; Ghanty, T. K.; Chintalwar, G. J.; Sharma, A.; Chattopadhyay, S.; Mukherjee, T. (September 2003). "Antioxidant Activity of Bakuchiol: Experimental Evidences and Theoretical Treatments on the Possible Involvement of the Terpenoid Chain". *Chemical Research in Toxicology*. 16 (1069–1062):9. doi:10.1021/tx034082r. ISSN 0893-228X. PMID 12971793.
3. Chaudhuri RK, Bojanowski K (2014). "Bakuchiol: a retinol-like functional compound revealed by gene expression profiling and clinically proven to have anti-aging effects". *International Journal of Cosmetic Science*. 36 (221):3-230. doi:10.1111/ics.12117. PMID 24471735. S2CID 20823803.

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