



Clinically-Researched Standardized Labisia Pumila Extract

Introduction

Kacip Fatimah (*Labisia pumila*) is a low-growing plant native to Southeast Asia that is well-known for its health benefits in women. Its leaves have been used in traditional medicine for feminine vitality, blood circulation, postpartum recovery and overall well-being.

SLP+® is Biotropics' patented and standardized extract of *Labisia pumila* var *alata* for the health and well-being of women (Patent MY-170724-A and standardized to 0.1% gallic acid).



“ SLP+® is a market-ready botanical ingredient designed for use in all-natural dietary supplements, functional foods, beverages and cosmeceutical applications. ”

Benefits of SLP+® Extract



Regulation
of women's
hormones



Promotes
good weight
management



Regulates
menstrual
cycle



Improves
post-partum
recovery



Enhances
energy &
stamina

Scientific Validation

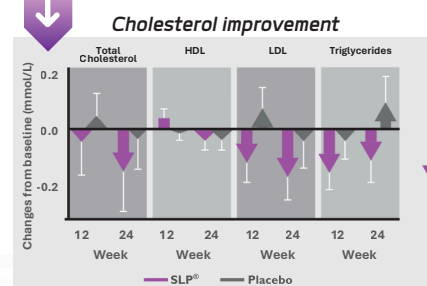
Biotropics has carried out three clinical studies on the effects of SLP+ Kacip Fatimah.

Two of these studies had the subjects consume SLP+® (200mg/day for 12 weeks and 400mg/day for 16 weeks), where the observed effects include:

- 12% improvement in menstrual health symptoms;
- 53% improvement over stress;
- 31% improvement in sleep;
- 8% improvement in memory/concentration.

One study was of a combination 200mg SLP+® with 50mg Physta® Tongkat Ali (24 weeks), where the two herbs worked synergistically for the effects:

- 73% improvement of hot flush symptoms;
- 68% improvement in joint pain;
- significant improvement of cholesterol profile.



SLP+® has overall effect of **reducing** cholesterol

George, A. et al. (2014) Safety and efficacy of a *Labisia pumila* var. *alata* water extract on sexual well being and lipid profile of pre- and postmenopausal women: A randomized double-blind pilot study, *African Journal of Biotechnology* 13(6): 768-777

Mohd. Noor, N. et al. (2014) Efficacy and Safety of *Labisia pumila* var. *alata* Water Extract Among Pre- and Postmenopausal Women, *Journal of Medicinal Food* 17(8): 1-10

Chinnappan, S. et al. (2020) Efficacy of *Labisia pumila* and *Eurycoma longifolia* standardised extracts on hot flushes, quality of life, hormone and lipid profile of perimenopausal and menopausal women: a randomised placebo-controlled study, *Food & Nutrition Research* 64: 3665



Extract Description

Botanical name	<i>Labisia pumila</i> var. <i>alata</i>
Class	Magnoliopsida
Order	Ericales
Family	Myrsinaceae
Common Names	Kacip Fatimah, Selusoh Fatimah, rumput Siti Fatimah, Tadah Matahari, bunga Belangkas Hutan (Malay), Kelimparan Tuli (Indonesia)
Country of Origin	Malaysia
Shelf Life	2 years
Part Used	Leaves
Extraction Method	Water
Recommended Dose	200 - 400 mg/day

Extract Specification

Test Parameter	Method/Reference	Specification
ORGANOLEPTIC		
Colour	In-house	Brown
Odour		Characteristic
Flavour		Bitter
Form / Texture		Fine powder
Extraneous materials		Free from foreign matter
PHYSICAL CHARACTERISTICS		
Moisture content	In-house	<10.0%
BIOACTIVE CONTENT		
Gallic acid	HPLC	≥ 0.1%
HEAVY METAL		
Lead (Pb)	ICP MS	< 10.0 ppm
Mercury (Hg)		< 0.5 ppm
Arsenic (As)		< 5.0 ppm
Cadmium (Cd)		< 0.3 ppm
MICROBIAL LIMIT TEST		
Total Bacteria Count	British Pharmacopoeia Harmonised Method	< 10,000 cfu/g
Yeasts & Mould		< 100 cfu/g
Salmonella		Absent in 25g
Escherichia coli		Absent in 1g
Stapholococcus aureus		Absent in 1g
Bile-tolerant Gram-negative bacteria		< 100 cfu/g

About Us

Formed in 2007, Biotropics Malaysia Berhad is a wholly Malaysian company driven by our philosophy to produce superior natural health products for local and international markets. We achieve this by turning yesterday's traditional approach towards health & well-being into tomorrow's innovative health solutions, by verifying time-honoured science traditions through state-of-the-art.

Quality Assurance

Biotropics emphasizes quality control at every step of the supply chain from sourcing to final packing. We have a wholly-owned manufacturing subsidiary, Phytes Biotek Sdn. Bhd., which is certified for GMP, ISO 22000 and HACCP, and is USFDA-inspected.



Under Phytes Biotek Sdn. Bhd.



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