

## KayaKlay

# Innovation rooted in wisdom

#### Ayurvedic cosmetic ingredients

Unlock the secrets of Ayurveda - the ancient Indian science behind a new generation of natural, high-performance beauty products.

Our innovative ingredient blends combine years of wisdom with modern studies to deliver proven results. Each plant-powered complex features time-tested botanicals, rooted in a rich heritage of classical Ayurvedic formulations.

Welcome to the future of wellness, reimagined.

Natural, vegan & zero waste blends

#### Sustainable sourcing

Beyond product performance, we're committed to social responsibility and sustainability. In addition to embracing a zero-waste philosophy by reusing any leftovers from ingredient production, we source our materials from small-scale Indian farmers and women-led self-help groups, empowering local communities.

# What is KayaKlay?

Body & Soul Rejuvenator Mud



The Universe is formed of five elements: earth, sky, water, fire, and air. Mud represents the earth element of the five. During the ancient and middle periods, people commonly used mud.

The significant principle of Ayurveda is to rejuvenate the body & soul to aspire for a healthy aging process, that is, to keep both the body and mind functioning at optimal thresholds.

It treats medical issues such as wound healing and skin disorders. Mud refreshes and rejuvenates the entire body, warding off lethargy.

The application of KayaKlay results in the retention of moisture and prolonged coolness to the body. The blended ingredients relax the pores of the skin, help improve microcirculation and detoxify skin.

Specially formulated for all skin types, it helps absorb excess oil from the skin and remove impurities & pollutants. In essence, it gives a fresh and rejuvenated feel to the skin.

It also, has shown excellent improvement in reducing signs of aging, improvement in skin elasticity, skin firmness and moisture content at only 1% concentration, in a monocentric clinical study. It has also reduced skin melanin & Improved overall appearance of the skin.

#### Ingredients

#### Margosa/Indian lilac

INCI name - Azadirachta indica leaf extract Ayurvedic name - Neem/Nimb



#### Benefits:

- · Potent anti-fungal properties provide protection against common skin infections
- Antioxidant effect prevents oxidative stress
- · Anti-microbial benefits helps reduce acne outbreak
- Anti-inflammatory properties help in fading of acne spots and scars
- · Significant anti-aging, micro scar correcting and anti-acne properties

#### Multani Clay

INCI name - Fuller's Earth Ayurvedic name - Mrittika

#### Benefits:



- Very beneficial for irritation prone skin, as soothing action helps calm the skin, reduce inflammation and micro scarring
- Thanks to oil absorbing properties, it's helpful against acne, opening up clogged pores and absorbing excess sebum, which in turn makes skin smoother and firmer
- · Exfoliating properties help remove dead skin cells and make skin radiant
- · Helps reduce blackheads, whiteheads and lighten blemishes
- Traditionally used to minimize freckles, soothe sun burns and improve blood circulation in skin

#### Green Gram/Mung Bean

INCI name - Vigna radiata seed extract Ayurvedic name - Moong dal

#### Benefits:



- Phyto-actives (phyto-proteins, peptides, polysaccharides, and polyphenols) help achieve smooth, hydrated, nourished, younger-looking skin
- Phyto-proteins lower depth of wrinkles while smoothing out rough, dry skin caused by UV damage
- Peptides help stimulate the skin to produce more collagen resulting in firmer,
   younger-looking skin, being also critical in skin repair and skin renewal processes
- · Polysaccharides hydrate and retain water within skin layers
- Polyphenols help reverse signs of aging sun spots, fine lines, and wrinkles

#### Indian pennywort/ Asiatic pennywort

INCI name - Centella asiatica extract Ayurvedic name - Brahmi/Gotu kola

#### Benefits:

- Helps fight against oxidative damage to skin
- Effective in healing of wounds and burns improving the tensile strength of newly formed skin as well as inhibiting the inflammatory phase of hypertrophic scars
- Improves skin moisture by increase of skin surface hydration state and decrease in trans-epidermal water loss (TEWL)
- Anti-aging, wrinkle correction and skin texture improving properties



#### Licorice

INCI name - Glycyrrhiza glabra root extract Ayurvedic name - Yashti madhu



#### Benefits:

- · Wrinkle correction and anti-aging effect thanks to elastase enzyme inhibition
- Antioxidant properties and tyrosinase enzyme inhibition impart improvement of complexion, providing an even skin tone, and reduction of dark spots
- · Anti-inflammatory properties help prevention against micro scarring
- · Anti-microbial properties help fight against acne
- · Soothing properties to help dermatitis

#### Indian Winter Cherry

INCI name - Withania somnifera root extract Ayurvedic name - Ashwagandha



#### Benefits:

- Potent antioxidant properties help repair oxidative stress induced damage reducing aging signs like wrinkles, fine lines, blemishes and dark spots
- Imparts a relaxing, soothing and revitalizing effect on body, lowering cortisol level
- Boosts collagen formation enhancing skin-repair and cell-regeneration processes
- · Stimulates production of hyaluronan which helps keep skin hydrated and supple

#### Functions & Benefits

- Helps prevent damage from free radicals
- Reduces oxidative stress
- · Prevents against UV exposure
- · Helps keep skin hydrated
- · Helps against acne outbreak
- · Helps improve skin texture and provide anti-aging benefits



Dermatologist approved



Clinically tested



Zero waste



Cold processable



100% natural



Vegan



Easy to manufacture with

#### Typical Properties

INCI names	Azadirachta indica leaf extract, Fuller's Earth, Vigna radiata seed extract, Centella asiatica extract, Glycyrrhiza glabra root extract, Withania somnifera root extract				
Appearance	Yellowish brown, fine powder				
Solubility	90% minimum				
pH of 1.0% solution	6.0 - 8.0				
Applications	Masks and Body treatments, waterless formulations				
Usage level	1.0% - 2.0%				
Storage	Store in tightly sealed containers at room temperatures. Avoid exposure to excessive humidity & heat				

#### Clinical studies findings

Results were observed in 60 days from application of KayaKlay 1% cream twice dailyon left side of the face in terms of skin moisturization and skin smoothness.

Instrument used Corneometer.

#### Skin Moisturization

Visual skin moisturization improvement.

Day 0

**Day 60** 

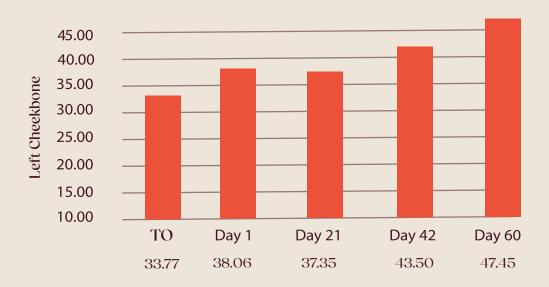




Table showing mean Skin Moisturization (Left cheekbone) data at TO to Day 60.

Test Site	ТО	Day 1	Day 21	Day 42	Day 60	% Improvement
Lt Cheekbone	33.77	38.06	37.35	43.50	47.45	40.50

Graph showing skin moisturization (Left cheekbone) results at TO to Day 60.



Graph showing skin moisturization % improvement (Left cheekbone) results at TO to Day 60.



#### Skin Smoothness

Visual results for skin smoothness.

Day O



Day 60



Table showing mean Skin Smoothness data at TO to Day 60.

Skin Smoothness	ТО	Day 1	Day 21	Day 42	Day 60	% Improvement
	2.64	2.57	3.14	3.57	3.86	45.95

#### Further Clinical Studies Findings

#### **Skin Elasticity**

- By Day 60, 28.11% improvement on Left Crow's feet area has been seen in terms of skin elasticity
- By Day 60, 42.82% improvement on Left Cheekbone area has been seen in terms of skin elasticity

#### **Skin Brightening**

By Day 60, 15.00% improvement on Left Cheekbone area has been seen in terms of skin melanin content

For further details (data, graph, pictures), please contact us.

#### Dermatologist's Assessment

Degree of wrinkle, skin moisture, skin firmness, skin colour, and overall appearance of skin were visually evaluated by the dermatologist.

Parameters	ТО	Day 1	Day 21	Day 42	Day 60	% Improvement
Degree of wrinkle	4.71	4.71	4.21	3.21	2.57	45.45
Skin moisture	2.93	3.07	3.29	3.79	3.93	34.15
Skin firmness	2.57	2.50	2.93	3.64	4.07	58.33
Skin colour	3.00	3.00	3.43	3.43	3.57	19.05
Overall appearance	2.71	2.71	3.43	3.93	3.93	44.74

An overall improvement in parameters such as degree of wrinkles (45.45%), skin moisture (34.15%), skin firmness (58.33%), skin colour (19.05%) and overall appearance of skin (44.74%) was observed from the baseline through Day 60.

#### Subject Feedback

- Has your skin tone become more even?
- Has your skin brightened/lightened?
- Has your overall appearance of dull, rough skin improved?
- Has your skin texture improved?
- · Has appearance of fine lines & wrinkles reduced?
- · Does your skin feel smoother?
- Does your skin feel softer and supple?
- Does your skin feel hydrated and moisturized?



#### Summary

- 64.29% subjects agreed that their skin tone had become even
- 71.43% subjects agreed that their skin had become lighter
- 85.71% subjects agreed that their appearance of dull & rough skin had improved
- 92.86% subjects agreed that their appearance of fine lines & wrinkles had reduced, their skin texture had improved & their skin had become smoother
- 100% subjects agreed that their skin had become softer & supple and that their skin appeared hydrated & moisturized

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"Ayurveda teaches us to live in harmony with ourselves, others, and the environment to achieve true wellbeing"

#### About us

Yurvani is a UK-based ingredient manufacturer specialising in Ayurvedic blends. We help brands unlock the secrets of Ayurveda - the ancient Indian science behind a new generation of natural, high-performance beauty products.

Looking for something specific? We also develop custom blends. Get in touch to find out more!

### Yurvani

Get in touch





