



# Yurvani

**41%**

**REDUCTION IN  
WRINKLE  
APPEARANCE**

**45%**

**INCREASE IN  
SKIN HYDRATION**

# PeptiProtect


# 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 PeptiProtect?



*Skin Texture Improving Beauty Botanicals*

PeptiProtect is a specially blended, meticulously prepared, combination of three standardized plant extracts with an unparalleled safety profile.

These plant extracts have been used for thousands of years in Ayurvedic formulations to improve skin texture, and brightness, calming and moisturising while boosting SPF and helping to prevent UV damage, thanks to the presence of natural peptides.

Clinical studies at only 1% concentration have shown excellent 24 hours moisturization, wrinkle correction, improvement in skin texture and skin brightening benefits.

# Ingredients

## *Indian Winter Cherry*

INCI name - Withania somnifera root extract

Ayurvedic name - Ashwagandha



### *Traditional & Literature-Reported Benefits:*

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

## *Green Gram/Mung Bean*

INCI name - Vigna radiata seed extract

Ayurvedic name - Moong dal



### *Traditional & Literature-Reported 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 & skin renewal processes
- Polysaccharides hydrate and retain water within skin layers
- Polyphenols help reverse signs of aging – sun spots, fine lines, and wrinkles

# Sweet Potato

INCI name - Ipomoea batatas root/tuber extract

Ayurvedic name - Sthool kand



## *Traditional & Literature-Reported Benefits:*

- Anti-bacterial and anti-fungal properties help prevent skin from infections
- Wound healing properties help repair micro damages and improve skin appearance
- Natural phyto-glycosides help stimulate collagen production and impart an anti-aging effect, keeping skin hydrated while improving its texture

## Functions & Benefits

- Improves skin elasticity
- Hydrates skin
- Decreases appearance of wrinkles
- Boosts SPF and UVA-protection in formulations with UV filters
- Enhances skin barrier function



Dermatologist  
approved



Clinically  
tested



Zero waste



Cold  
processable



100%  
natural



Vegan



Easy to  
manufacture with

## Typical Properties

INCI names	Withania somnifera root extract, Vigna radiata seed extract, Ipomoea batatas root/tuber extract
Appearance	Off white to yellowish white, fine powder
Solubility	Soluble in water
pH of 1.0% solution	5.5 - 8.0
Applications	Creams, Lotions, Serums, Gels, Sunscreens, Masks; Waterless formulations
Usage level	1.0% - 2.5%
Storage	Store in tightly sealed containers at room temperatures. Avoid exposure to excessive humidity & heat

## SPF Boosting

PeptiProtect was added to a simple cream emulsion formulation containing UV filters. It was tested for SPF and compared with the same formulation without PeptiProtect

	Formulation without PeptiProtect	Formulation with 1% PeptiProtect
SPF (UVB protection)	15.5	21.3
UVA protection	6	12.6

*Tested in-vitro by independent laboratory, in accordance with ISO 24443:2012*

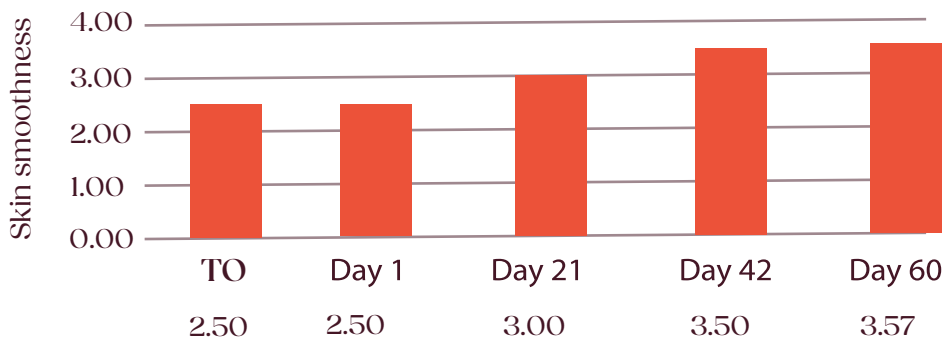
# Clinical Study Findings

Results observed in 60 days from application of PeptiProtect 1% cream twice daily on right side of the face in terms of skin smoothness and texture.

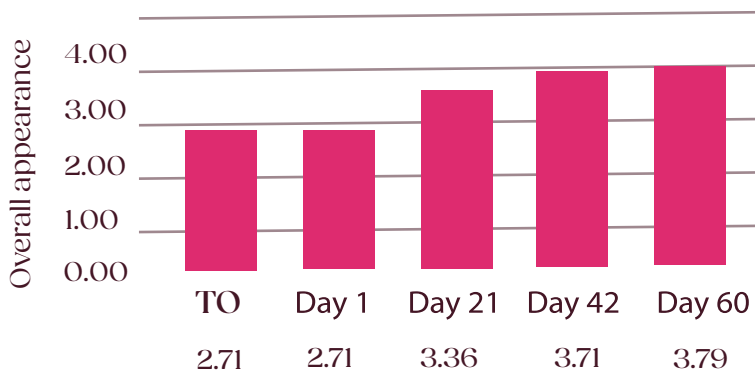
Table showing mean Skin Smoothness and Overall Appearance data at baseline (T0) to Day 60.

Parameter	T0	Day 1	Day 21	Day 42	Day 60	% Improvement
Skin smoothness	2.50	2.50	3.00	3.50	3.57	42.86
Overall appearance	2.71	2.71	3.36	3.71	3.79	39.47

Graph showing skin smoothness results at T0 to Day 60.



Graph showing skin overall appearance improvement results at T0 to Day 60.



An improvement of 39.47% was observed in overall appearance by Day 60.

## *Further Clinical Study Findings*

### **Skin Elasticity**

- By Day 60, 32.77% improvement on Right Crow's feet area has been seen in terms of skin elasticity
- By Day 60, 48.39% improvement on Right Cheekbone area has been seen in terms of skin elasticity

### **Skin Moisturization**

By Day 60, 32.68% improvement on Right Cheekbone area has been seen in terms of skin moisturization

### **Skin Brightening**

By Day 60, 19.40% improvement on Right Cheekbone area has been seen in terms of skin melanin content

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

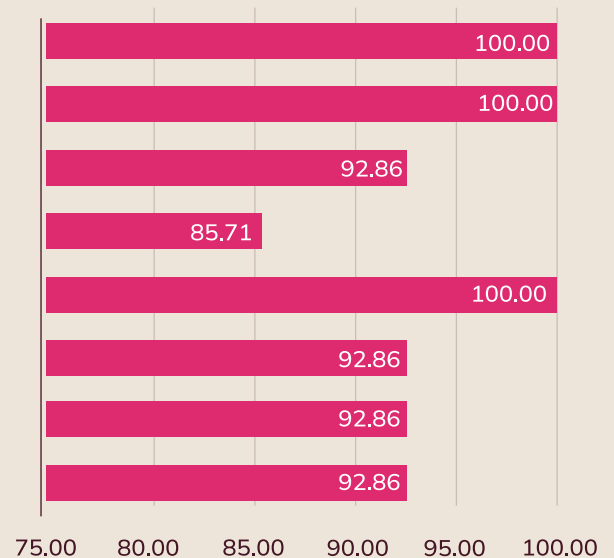
# Dermatologist Assessment

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

Parameter	TO	Day 1	Day 21	Day 42	Day 60	% Improvement
Degree of wrinkle	4.71	4.71	4.00	3.21	2.79	40.91
Skin moisture	2.64	3.00	3.21	3.71	3.79	43.24
Skin firmness	2.50	2.50	3.21	3.57	3.86	54.29
Skin colour	2.36	2.36	2.79	3.00	3.21	36.36

# 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

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

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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

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