




SKIND Wonders


...where Skin meets Mind

AC Wonder Shroom

INCI: Camellia Sinensis Leaf Extract & Cordyceps Militaris Extract &
Hericium Erinaceum (Mushroom) Extract & Aureobasidium Pullulans
Ferment


A woman's head in profile, facing right. The top and back of her head are filled with a dense, colorful collection of various makeup products, including compacts, brushes, sponges, and tubes. The background is a soft, light pinkish-grey.

What if skincare was more than just *what you see?*


A woman's profile is shown in a dark, monochromatic green. Her face is partially obscured by a digital overlay of binary code (0s and 1s) and glowing green particles. In the bottom left corner, there is a cluster of stylized green mushrooms of various sizes.

Welcome to the world of

SKIND

A large, light pink abstract shape with a white outline is positioned on the right side of the image. It contains the main text and decorative elements.

*skin & mind in harmony,
where science meets beauty.*

A decorative green starburst graphic with four points, located to the left of the tagline.

Recognized by the World Health Organization (WHO) as a major health challenge of the 21st century, **stress** is increasingly linked to global crises and environmental factors. **The exposome**, introduced in 2005, highlights the lifelong impact of environmental and lifestyle exposures on health. This framework provides key insights into how **external stressors** interact with human biology, shaping overall **well-being**.



Over-stressed



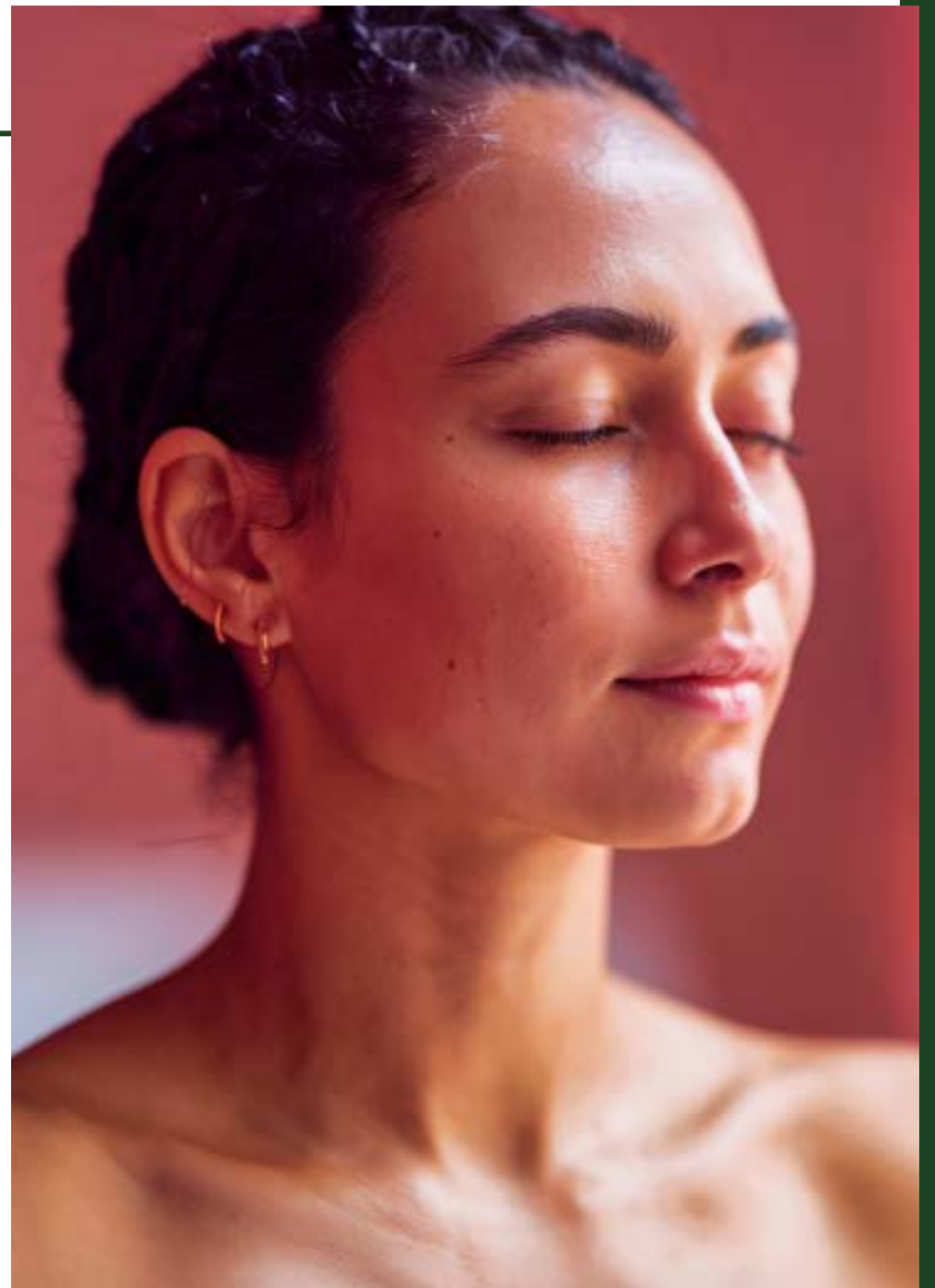
Unlocking emotional power

Research links **chronic inflammation** to **cognitive decline** and aging-related skin dysfunction. While ancient cultures embraced mind-body-spirit healing, modern medicine often overlooks emotional well-being. **Psychoneuroimmunology (PNI)** is changing this, revealing how stress disrupts the nervous, endocrine, and immune systems—fueling **inflammation** and accelerating **aging**. Science now confirms what ancient wisdom knew: true wellness is **holistic**.



The hidden connection

The **skin** is essential in sensing environmental changes, sending signals through hormones, the immune system, and the nervous system to the brain and organs. Emotional stress can trigger or worsen skin issues by **affecting** the body's stress response, releasing chemicals that lead to **inflammation**. Growing evidence shows that stress plays a significant role in skin conditions by influencing the release of **stress-related substances** from nerves and skin cells.



Contemporary Perspective

Interoception—the awareness of internal bodily states—plays a key role in emotional, neurological, and skin health. It helps regulate physiological processes like stress and **immune responses**, which influence inflammation, aging, and skin barrier function. Through PNI, research links **interoceptive awareness** to improved **emotional balance**, reduced skin issues, and even resilience against cognitive decline. The protective role of interoception in cognitive health suggests a **holistic framework** where emotional, neurological, and dermatological well-being are deeply interconnected



HoliBeauty

Holistic beauty is becoming a leading trend, blending skincare with wellness and emotional health. Consumers are **shifting** their focus from traditional beauty products to solutions that enhance not only their external appearance but also their mental and physical well-being. The longstanding “Look Good, Feel Good” message is evolving. Today, brands like Maybelline’s “Brave Together” and ASICS’ “Personal Best” are proving that **mental health matters**, no matter the industry. The connection between beauty, wellness, and emotional well-being is more important than ever.



Holistic practices blend mindful routines, self-care, and **cognitive** techniques to nurture both body and mind, prioritizing **mental clarity** and **emotional balance** alongside physical strength. This growing wellness-beauty crossover reflects a shift in consumer values, with people seeking products that enhance not just their appearance but their overall well-being. As **body confidence** and self-love rise, consumers embrace a comprehensive approach to body care, combining diet, exercise, supplements, and topical treatments. This trend highlights a desire for non-invasive, **science-backed solutions** that improve both skin health and mental wellness.



Strengthening Body & Spirit

As holistic wellness gains traction, **supplements** like **nootropics** and **adaptogens** are in the spotlight for enhancing health from within. These natural compounds support mental clarity, stress resilience, and overall well-being, working synergistically with mindful routines for a balanced life in today's fast-paced world.

Beauty'In



Nootropic



Nootropics, or "smart drugs," are substances that enhance cognitive functions like thinking, learning, and memory, especially when impaired. By balancing neurotransmitters, boosting **neuroplasticity**, and improving cellular communication, they support both brain health and skin rejuvenation, aligning with **biohacking** principles. Among the most well-known are L-Theanine and caffeine, which work synergistically to enhance focus and **mental clarity**, unlocking the mind's full potential and reinforcing the body's resilience with lasting power.

Adapto-Gems

Primarily used in herbal medicinal practices, adaptogens are natural compounds (herb, root, mushroom, ...) that help the **body manage stress** and maintain balance by regulating cortisol levels. They help reduce stress's negative impact on **immunity**, cognition, skin health, and overall well-being. They enhance **mental clarity**, emotional resilience, and immune function, making them especially valuable in dermatology, where **stress-related conditions** and premature aging are becoming more common.



Mushroom Power



Ever wondered why a *Mushroom* gives you an extra life in Super Mario?

My "cell"ium Care

Like nerve cells in the body, **mycelium** forms a vast underground network, constantly communicating and **adapting** to sustain **balance** in ecosystems. Just as mycelium nourishes forests at a deep, interconnected level, our skin requires more than surface care—it needs **deep nourishment**, akin to the way nerve cells send signals to **maintain** harmony and vitality.



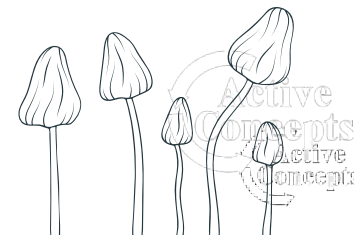
Mushrooms are more than ever gaining attention for their impressive bioactive properties across health, wellness, and beauty applications. Rich in antioxidants, anti-inflammatory compounds, and beta-glucans, mushrooms support the immune system, enhance cellular protection, and reduce oxidative stress. Many mushrooms are **adaptogens**, meaning they help the body adapt to stress and **maintain balance**. In beauty, mushrooms are celebrated for their hydrating and **anti-aging benefits**. Their bioactive compounds help to soothe irritation, boost skin regeneration, and protect against environmental damage. Overall, mushroom extracts are becoming a key ingredient in skincare.



Nature's Secret Wonder



Mushroom coffee has emerged as a significant wellness trend in 2024, combining traditional coffee's energizing effects with the medicinal benefits of mushrooms. This blend appeals to health-conscious consumers seeking a cleaner, more sustainable **energy boost** without the overstimulation of caffeine. The association with **ancient healing practices** and natural, plant-based ingredients aligns with the growing interest in holistic health and adaptogens—natural substances that help the body **manage stress**. Mushroom coffee offers a natural solution for those looking to **balance energy**, enhance focus, and reduce stress, supporting a more stable lifestyle.



Neurodermal Science for Beauty

As the **mind-body** connection gains recognition, advancements in Psychoneuroimmunology (PNI) are reshaping our understanding of skin health, stress management, and **holistic** well-being. Chronic stress is now seen as a major trigger for skin aging, inflammation, and barrier dysfunction, highlighting the **need** for **science-backed bioactive compounds** that work at neurological, immunological, and cellular levels. With growing consumer demand for **mental wellness solutions**, nootropics and adaptogens have become essential in addressing both **cognitive health** and **skin vitality**.



Our Intelligent Skin Solution

COMBINATION OF WHITE TEA
& UNIQUE MUSHROOM SYNERGISTIC
BLEND

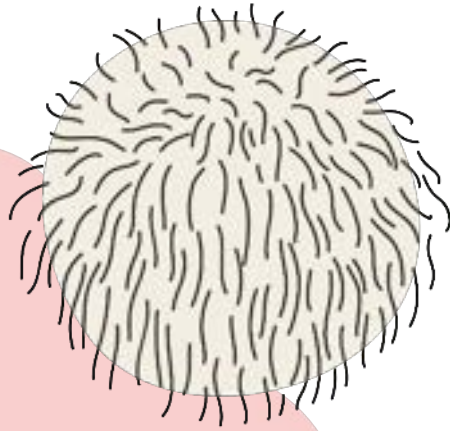


AC WonderShr*m*

Gyokuro & Cordyceps & Lion's Mane & Fungus Ferment



Lion's Mane



INCI. *Kretzschmaria lanuginosa* extract

Used in traditional medicine, particularly in East Asia, for centuries due to its potential cognitive, neurological, and immune-boosting benefits. Known to stimulate Nerve Growth Factor (NGF), it works on promoting skin cell regeneration.

#ADAPTOGEN

Compound. hericenones / erinacines / beta-glucans

ACTIVITY. enhances skin-neural communication, reduces neuroinflammation, anti-aging, improve skin barrier function

TARGET EEG Brainwave (β) /MOOD Survey/COX-II/

Cordyceps



INCI. *Cordyceps Militaris* Extract

Well-known medicinal mushroom used in traditional Chinese medicine for its various health benefits. Cordyceps is known to enhance athletic performance by improving oxygen utilization and increasing ATP production, which leads to higher energy levels.

#ADAPTOGEN

Compound : cordycepin / adenosine / amino acids / vitamins

ACTIVITY. energizing skin cells, modulates immune response, protects from environmental aggressors and aging.

TARGET Oxidative Phosphorylation/Endothelial Permeability/Elasticity

#Tea



Gyokuro

INCI. *Camellia Sinensis Leaf Extract*

Gyokuro is a premium Japanese tea known for its unique cultivation process, which involves shading the tea plants before harvest. This method enhances the flavor profile and increases the concentration of beneficial compounds in the leaves, particularly

L-theanine and caffeine. Gyokuro is considered one of the highest grades of tea, distinguished by its vibrant green color and rich umami flavor.

#NOOTROPIC

Compound. *L Theanine / caffeine / catechins EGCG*

ACTIVITY. *counteracts neurogenic inflammation, promotes relaxation, hydration, skin firmness, blood circulation, lymphatic drainage.*

TARGET MOOD Survey/ROS/Under Eye/Cellulite

#Prebiotics

Fungus Ferment

INCI. *Aureobasidium Pullulans Ferment*

A non-pathogenic yeast-like fungus commonly found in various environments, including soil, plants, and decaying organic matter. It is known for its unique ability to produce pullulan. The polysaccharides and other bioactive compounds found in this fungus may have immune-enhancing properties, helping to bolster the body's natural defenses. It could also work as prebiotics.

#FUNGIFILM

Compound. *polysaccharides*

ACTIVITY. *skin-lifting & tightening, protective shield, sustained release technology*

TARGET Neck Wrinkles/SA-β-Gal



Sourcing



We carefully source Gyokuro tea from the misty fields of Japan, where traditional, eco-conscious farming methods preserve both its potency and the land's natural biodiversity. This rare, shade-grown tea is rich in antioxidants, offering unparalleled protection against environmental stressors.

Gyokuro



Our source of Lion's Mane & Cordyceps mushrooms originate from China and Canada and enhanced through advanced cell culture technology, ensuring the highest purity and bioavailability. By combining nature with high-science, we minimize environmental impact while maximizing skin-revitalization.

Lion's Mane /Cordyceps



Through biofermentation, we harness the power of yeast-like fungi to create potent fungal ferments that deeply nourish and fortify the skin. This eco-friendly process reduces resource consumption while unlocking highly active, skin-compatible nutrients—ensuring sustainable beauty without compromise.

Fungus Ferment





Combined with highest
quality of White Tea
Gyokuro

Associated with Prebiotic
Fungus Ferment
Aureobasidium Pullulan



Perfectly Orchestrated Infusion
Individually optimized
& Precisely integrated



AC WonderShr m

Born from the natural
intelligence of Mushrooms
Lion's Mane & Cordyceps



Manufacturing Process

AC WonderShroom

Inspired by the profound synergy between **mycelial networks** and the **body's** own intricate **communication systems**, AC WonderShroom redefines skincare with natural science **adaptogenic** and **nootropic** technology.

This advanced formula strengthens the **mind-skin connection**, combating stress-induced aging while enhancing **resilience**, **balance**, and overall well-being. Rooted in nature, backed by science—unlock your skin's full potential with holistic beauty that nurtures from within.

Neuro-Boosting | *Skin Resilience* | *Biohacking Complex*



Benefits

- + AC WonderShroom strengthens **skin's resilience** against stress and fatigue by enhancing vascular integrity, visibly **reducing dark circles** and moisturizes skin for a refreshed, radiant look.
- + AC WonderShroom defends against pollution and **oxidative stress** at a cellular level, slowing signs of aging and preserving a youthful, healthy complexion.
- + AC WonderShroom revitalizes both **skin and mind** by supporting mitochondrial function and balancing **brainwave activity**, improving skin elasticity, density, and overall vitality.



Available Efficacy Studies



In Vitro .

- COX-II Inhibition
- ROS
- SA-Beta-Gal
- Oxidative Phosphorylation
- Airborne Pollution Protection
- Endothelial Permeability

Tox & Safety

- AMES
- Cellular Viability
- Dermal & Ocular Irritation
- Phototoxicity Assay

In Vivo .

- EEG Brainwave Study
- Mood Enhancing Survey
- 24H Moisturization
- 24H TEWL
- Neck Wrinkle Reduction
- Elasticity Study
- Cellulite Study
- Undereye Study

- OECD 201 Fresh Water Algae Growth Inhibition
- OECD 301B Ready Biodegradability Assay
- OECD TG 442C - Direct Peptide Reactivity Assay
- OECD TG 442D - In Vitro Skin Sensitization Report

EEG Brainwave Study

Beta Brainwave.

Measuring Beta brainwaves through EEG provides insights into how **mental states**, such as focus and alertness, affect the skin. Beta waves (13–30 Hz) dominate when the brain is alert, focused, and processing information.

By monitoring beta activity, we can better understand how **emotions and cognitive** states influence skin health, including inflammation and aging.

Skincare products targeting beta wave **modulation** could help improve **emotional balance** and skin resilience, offering solutions that address both stress and skin vitality for a healthier, more youthful appearance.



The EEG (electroencephalograph) measures brain waves of different frequencies within the brain. Electrodes are placed on specific sites on the scalp to detect and record the electrical impulses within the brain.



EEG Brainwave Study

Beta Brain wave.

Psychological state : awake, thinking, alert consciousness

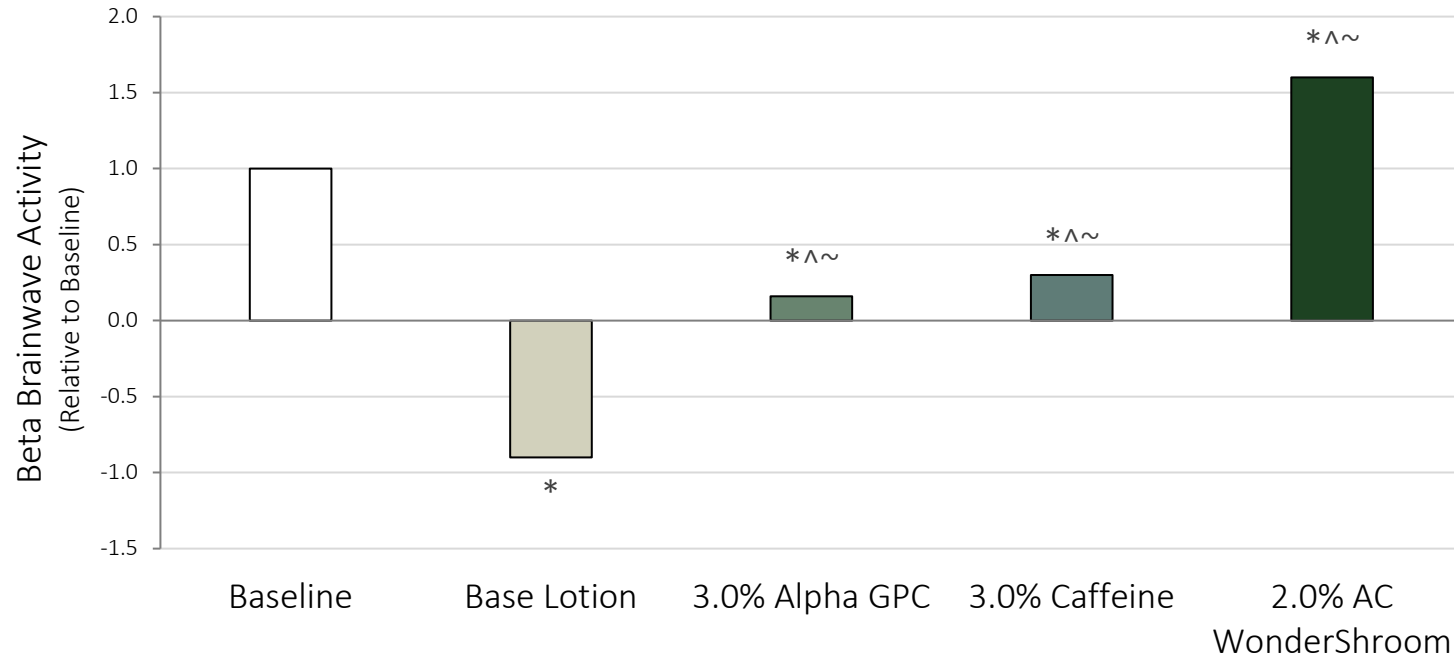


Figure 1. Beta Brainwave Activity During Product Application Relative to Baseline.

* indicates significance ($p \leq 0.05$) compared to Baseline. ^ indicates significance ($p \leq 0.05$) compared to Base Lotion.

An EEG Brainwave Study was conducted to evaluate properties of AC WonderShroom application. A headband is placed on the forehead of participants and brainwaves are monitored as products are applied to the skin. The **Beta** brainwaves (*targeting awareness and focused mental effort*) are isolated and analyzed to provide insight to the psychological state during product application.

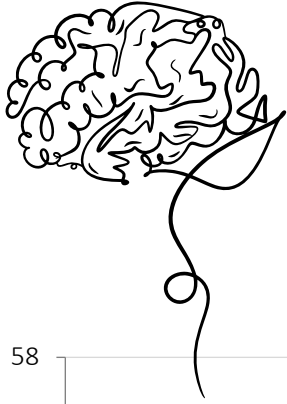
2.0% AC WonderShroom significantly increased beta brainwave activity during the 30-second application compared to baseline brainwave activity by

+160%

Benefits

AC WonderShroom boosts active thinking and brain awareness.

Mood Survey



Pleasant Mood Index

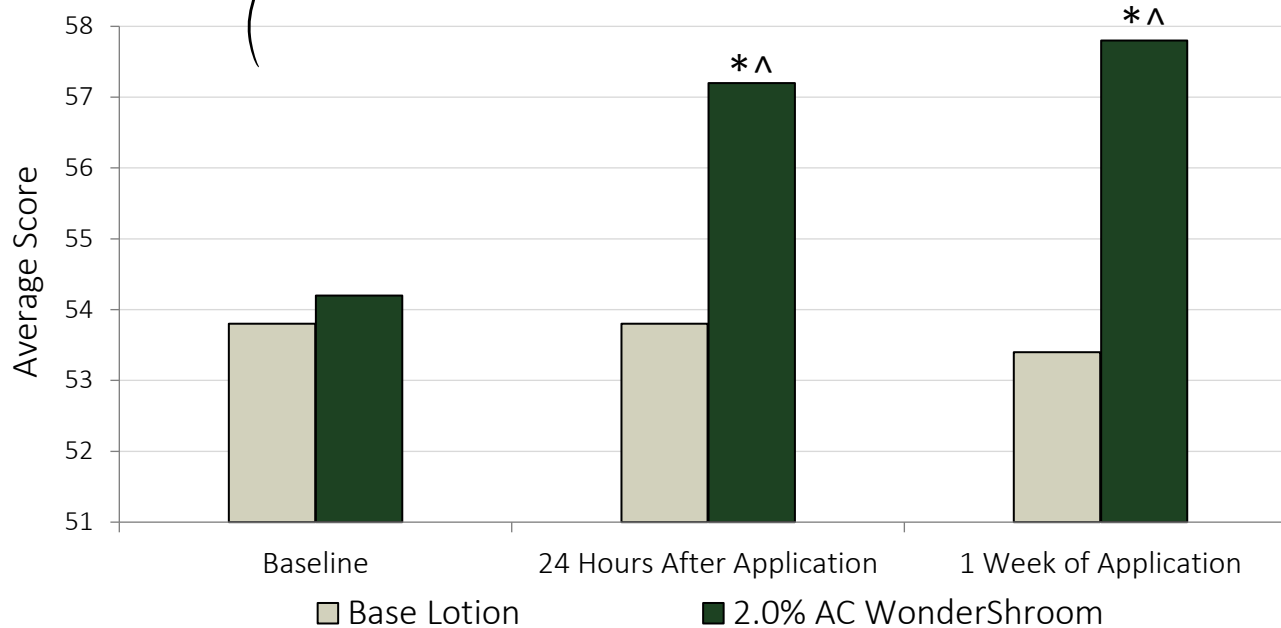


Fig 2. The impact of AC WonderShroom application on Pleasant Mood Index scores. The Pleasant Mood Index (Brief Mood Introspection Scale) provides an evaluation of mood in terms of pleasant or unpleasant with higher scores indicating a more pleasant mood. * indicates significance ($p \leq 0.05$) compared to Baseline values. ^ indicates significance ($p \leq 0.05$) compared to Base Lotion.

The Brief Mood Introspection Scale (BMIS), developed by Mayer & Gaschke (1988), is a psychological tool designed to measure an individual's mood awareness and emotional self-reflection. It plays a key role in psychology by assessing how people experience and regulate their emotions, which is crucial for emotional intelligence and well-being. Originating from research on affective states, the BMIS evaluates both pleasant and unpleasant moods. It connects to interoception, as recognizing internal emotional states relies on accurately perceiving bodily sensations. This self-awareness is essential for cognitive resilience, as individuals who effectively interpret and regulate their moods are better equipped to handle stress and adapt to challenges.

2% of AC WonderShroom significantly augments perceivable mood scores after one week by

+7%

Benefits

AC WonderShroom delivers noticeable mood boosts while offering benefits that go beyond traditional beauty.

COX II Inhibition

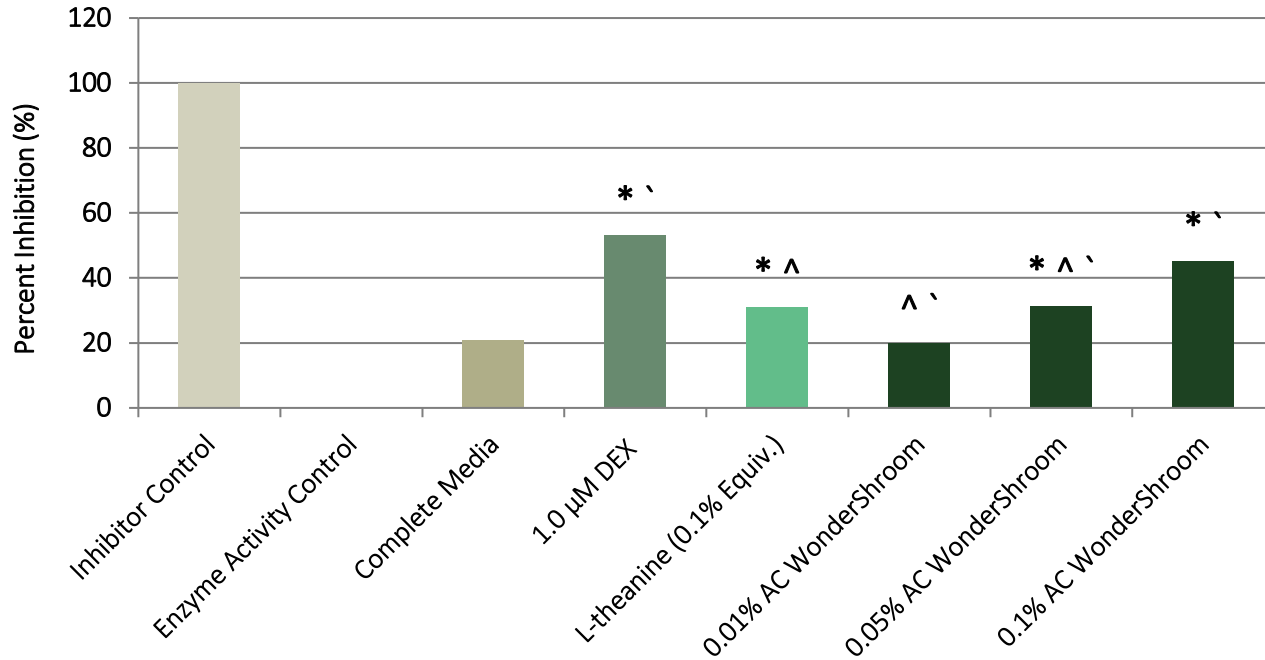
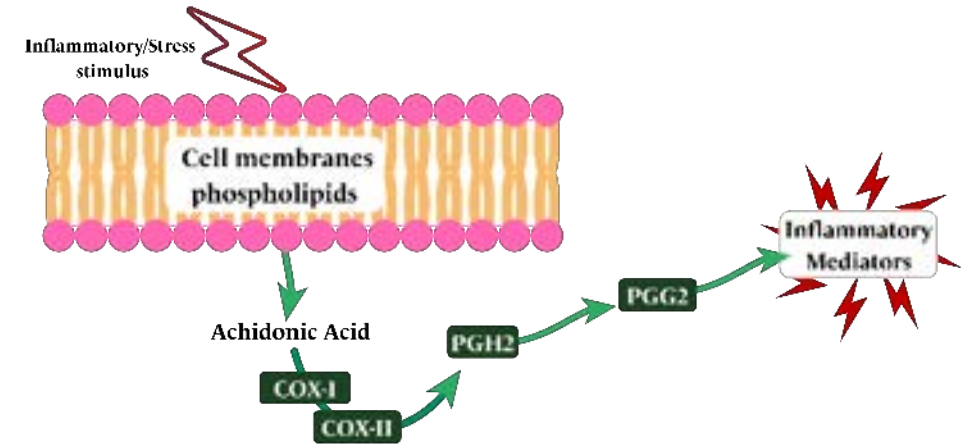


Fig 3. Effect of Ac WonderShroom on COX-II Inhibition in Keratinocytes.



COX-II is an inducible enzyme that drives inflammation by converting arachidonic acid into prostaglandin precursors (PGH2). Unlike COX-I, which maintains cellular homeostasis, COX-II is responsible for inflammatory mediator production. Reduced COX-II levels indicate a lower inflammatory state, which may help mitigate cellular aging linked to inflammation.

AC WonderShroom at 0.1%
outperformed L-Theanine
and decreased COX-II levels
by

-44%

Benefits

AC WonderShroom inhibits COX-II,
potentially reducing signs of cellular
aging due to inflammation.

ROS Assay

Oxidative Stress

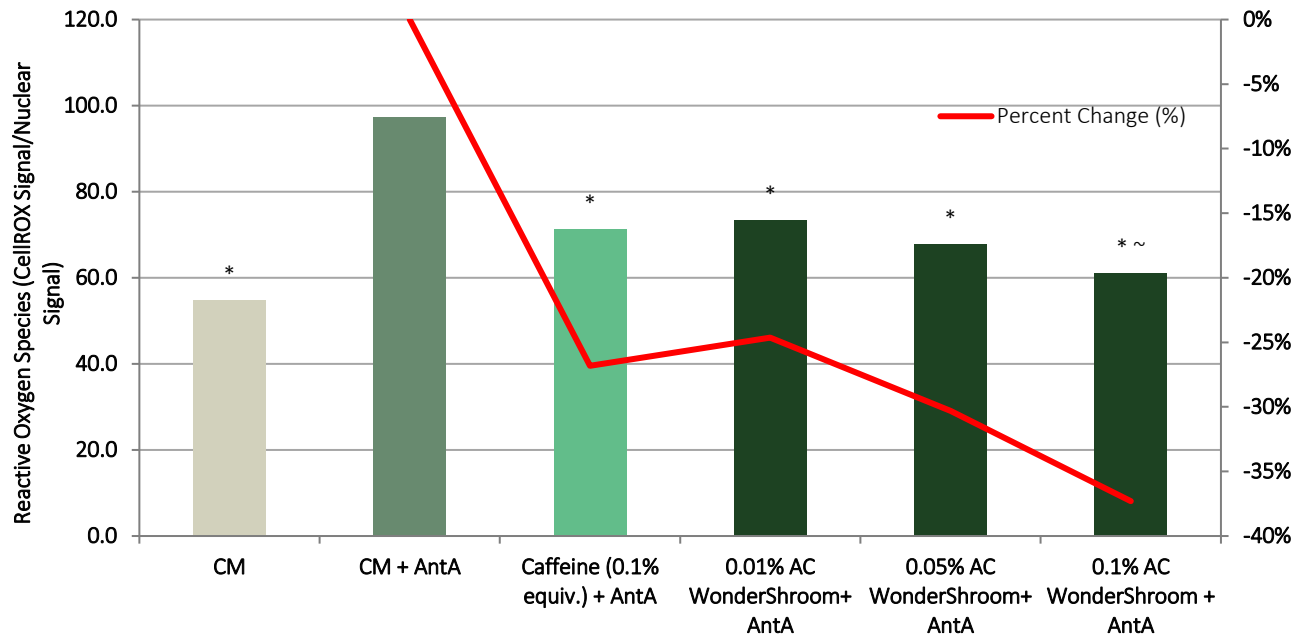
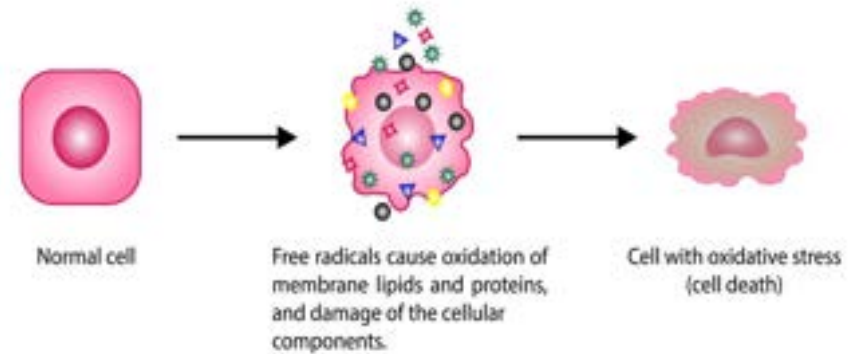


Fig 4. Effect of AC WonderShroom on ROS scavenging.



UV irradiation, pollutants, foreign substances, and aging elicit unrestricted increases in reactive oxygen species (ROS). These deregulated augmentations in oxidative stress lead to an acceleration of DNA mutation, cellular senescence, protein oxidation, and collagen degradation.

AC WonderShroom at 0.1%
decreased ROS levels by

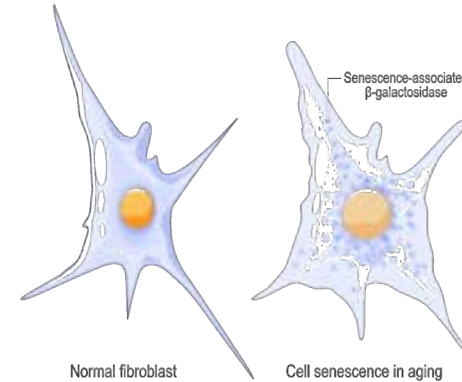
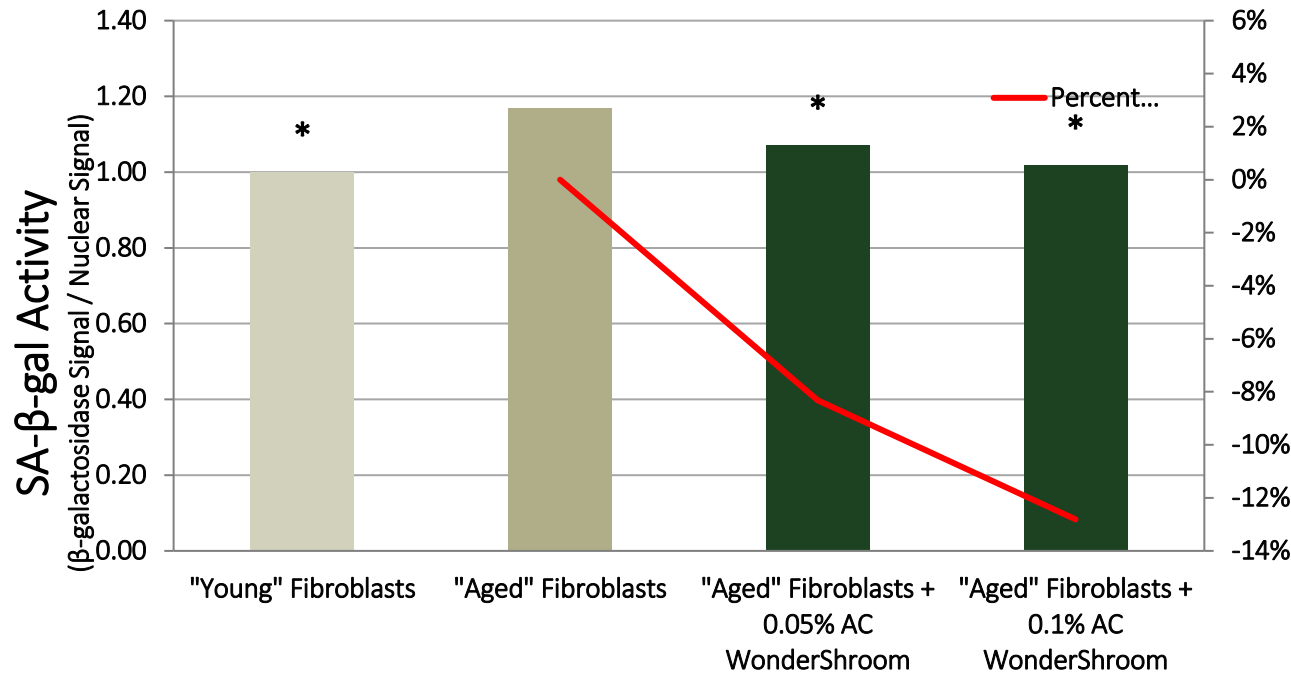
-37%

Benefits

AC WonderShroom
neutralizes excess ROS,
helping to combat signs of
cellular aging.

SA-Beta-gal Assay

Cellular Senescence



Cellular senescence is a state of permanent cell cycle arrest that accompanies aging and contributes to a decline in normal skin function and physiology. SA-Beta-gal is the gold standard biomarker to identify senescence in vitro as the enzyme beta-galactosidase explicitly accumulates in the lysosomes of senescent cells.

Fig 5. Effect of AC WonderShroom on Cellular Senescence Levels in "Aged" Fibroblasts.

AC WonderShroom at 0.1% concentration reduced SA-Beta-gal activity compared to untreated “aged” fibroblasts by

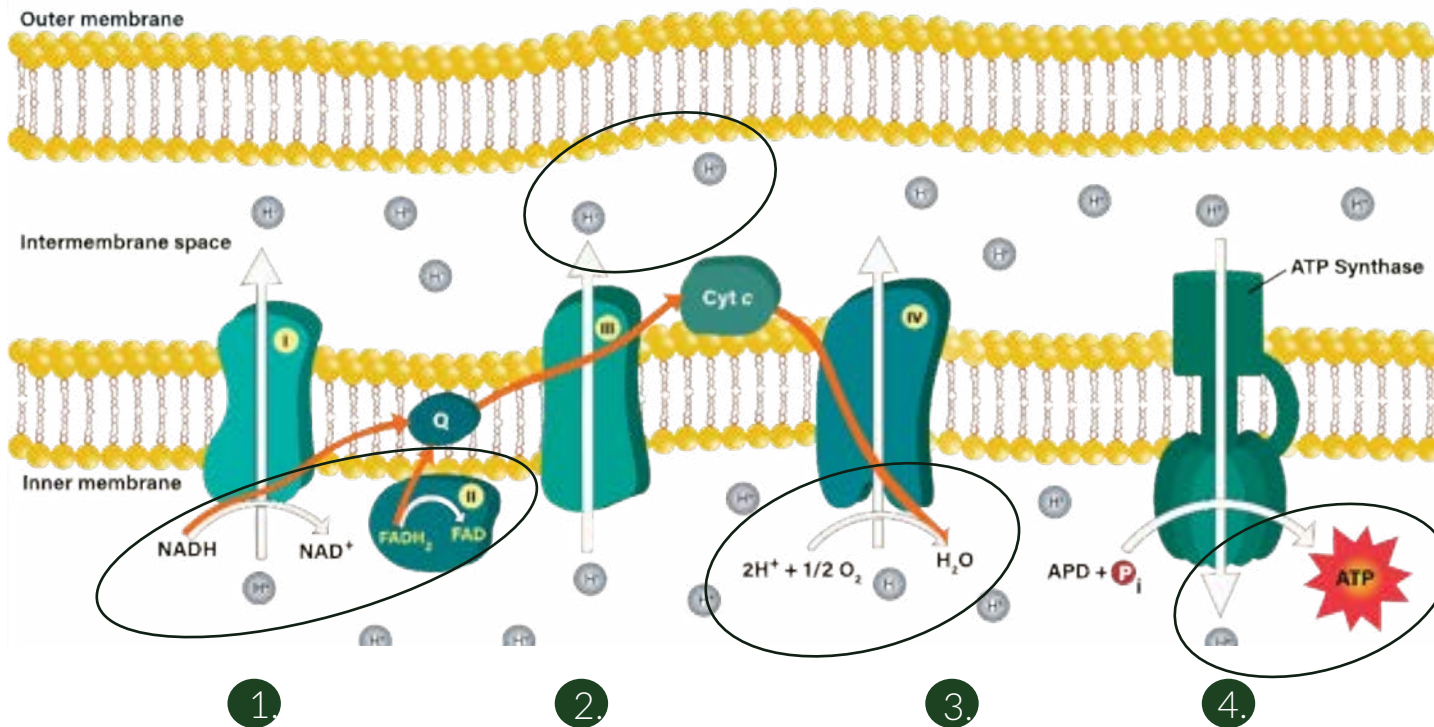
- 13%

Benefits

AC WonderShroom fights skin aging by reducing senescence, helping to restore skin's structure and vitality.

Oxidative Phosphorylation

Oxidative phosphorylation occurs in the mitochondria. The electron transport chain passes electrons from one molecule to another, releasing energy in an electrochemical gradient. Chemiosmosis uses the energy stored in this gradient to make ATP.



1. Electron Delivery

NADH & FADH₂ transfer their electrons at the beginning of the transport chain.

2. Electron Transfer + Proton Pump

Electrons get passed down the chain and move from a higher to lower energy level. Some of the energy pumps hydrogen ions out of the membrane, establishing an electrochemical gradient.

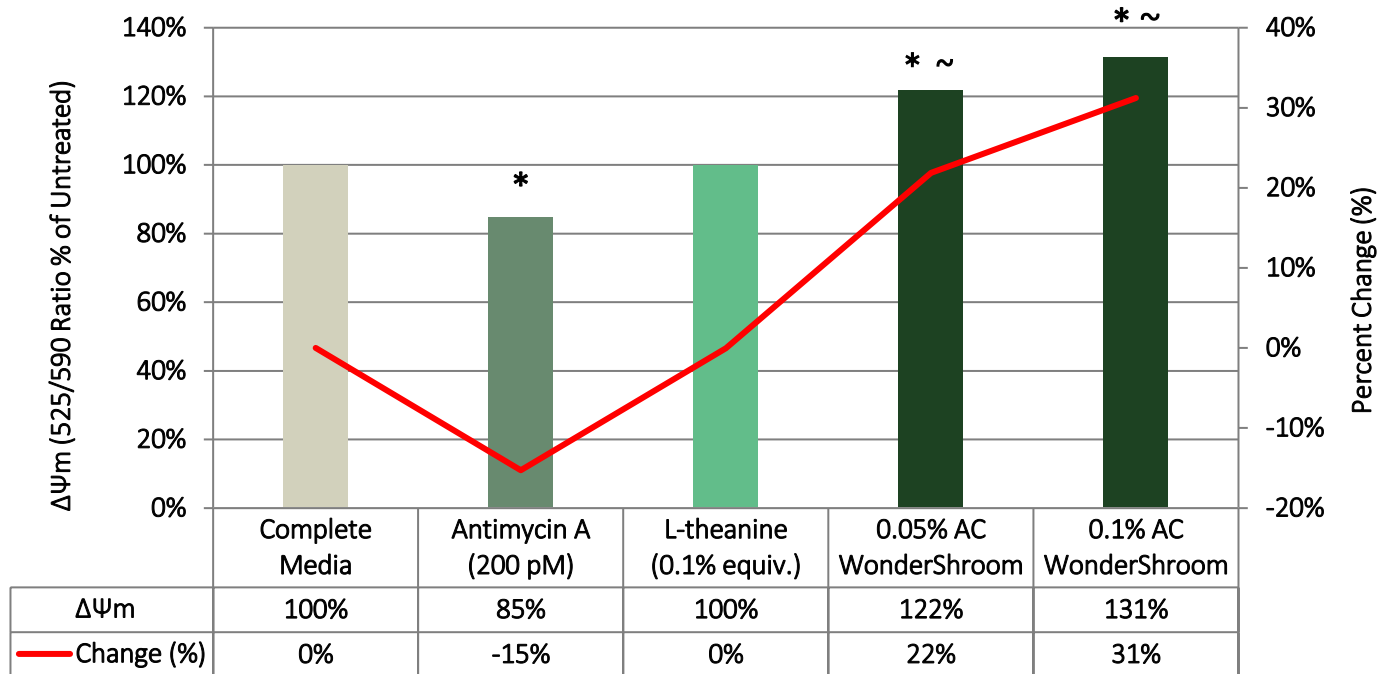
3. Splitting Oxygen to Form Water

At the end of the ETC, electrons are transferred to molecular oxygen, which splits in half and takes up a proton to form water.

4. Gradient-Drive Synthesis of ATP

As protons flow down the gradient back into the matrix, they pass through ATP synthase, which harnesses the flow of protons to synthesize ATP.

Oxidative Phosphorylation



A driving force of oxidative phosphorylation is the mitochondrial membrane potential ($\Delta\Psi_m$) which represents the transmembrane potential of hydrogen ions. Maintaining $\Delta\Psi_m$ is necessary as the proton flux from the cytosol to the matrix is harnessed to generate ATP.

Fig 6. The Effect of AC WonderShroom on $\Delta\Psi_m$ in Dermal Fibroblasts.

AC WonderShroom at 0.1% concentration increased $\Delta\Psi_m$ compared to untreated fibroblasts by

+31%

Benefits

AC WonderShroom boosts mitochondrial vitality and energy production, supporting skin's natural balance and enhancing its youthful radiance.

Undereye Mechanism.

Endothelial Permeability

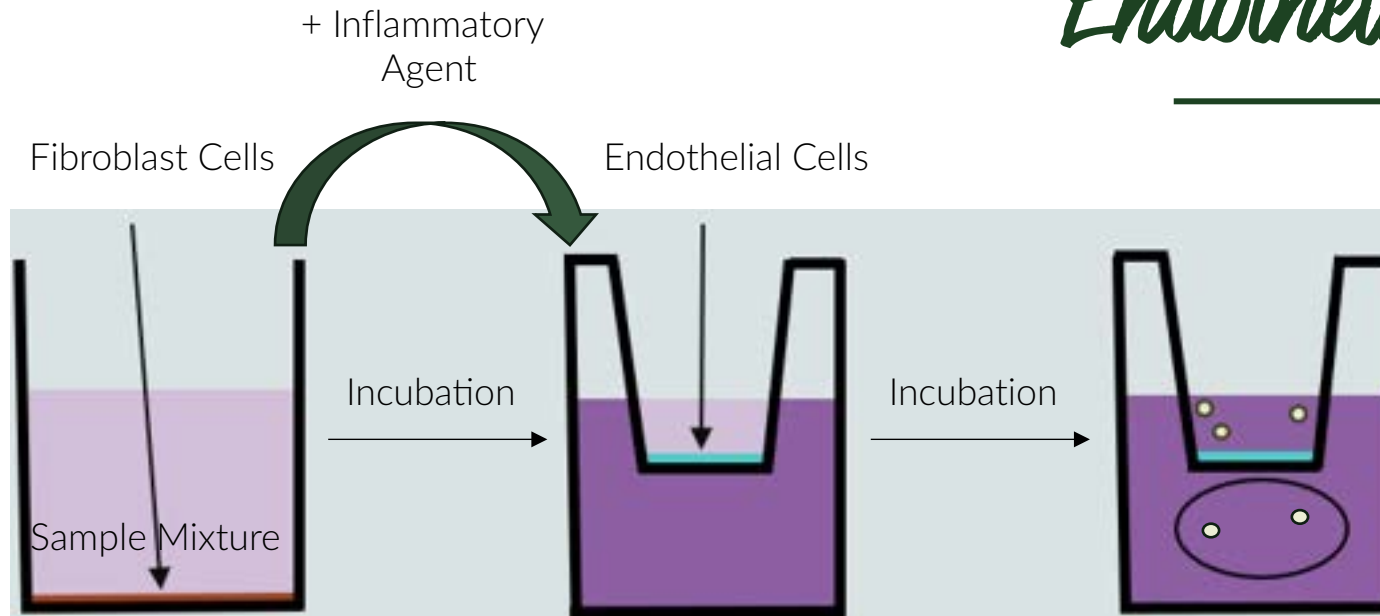
Dark circles and discoloration under the eye are associated with fatigue and a less youthful appearance. Ultimately, this is a result of **poor vascular integrity** in the vessels lying close to the epidermis, facilitating the appearance of blue and purple hues (or dark circles).

On a cellular level, **endothelial function modulates vascular integrity**. In particular, endothelial cell permeability plays a fundamental role in the formation of dark circles as increased permeability leads to a pooling of deoxygenated blood under the eye, resulting in discoloration and the appearance of aging.

The relationship between **dermal fibroblasts and dermal endothelial cells** is vital to maintaining vascular integrity. Fibroblasts synthesize the extracellular matrix, providing an anchor point for endothelial cells and greatly reduces permeability. Therefore, undereye discoloration can be improved by augmenting the fibroblast-released beneficial molecules.



Endothelial Permeability Assay



To assess the anti-inflammatory and barrier-strengthening effects of AC WonderShroom, human dermal fibroblasts were cultured and treated with 0.05% and 0.1% concentrations.

Conditioned media from these fibroblasts was then applied to human dermal microvascular endothelial cells (DMVECs) exposed to an inflammatory environment (LPS).

After incubation, endothelial permeability was evaluated using a colorimetric assay, measuring optical density at 450nm.

Results were normalized against the untreated control, demonstrating AC WonderShroom's ability to reinforce the skin's protective barrier and support vascular integrity, helping to reduce inflammation-driven skin concerns like redness and dark circles.

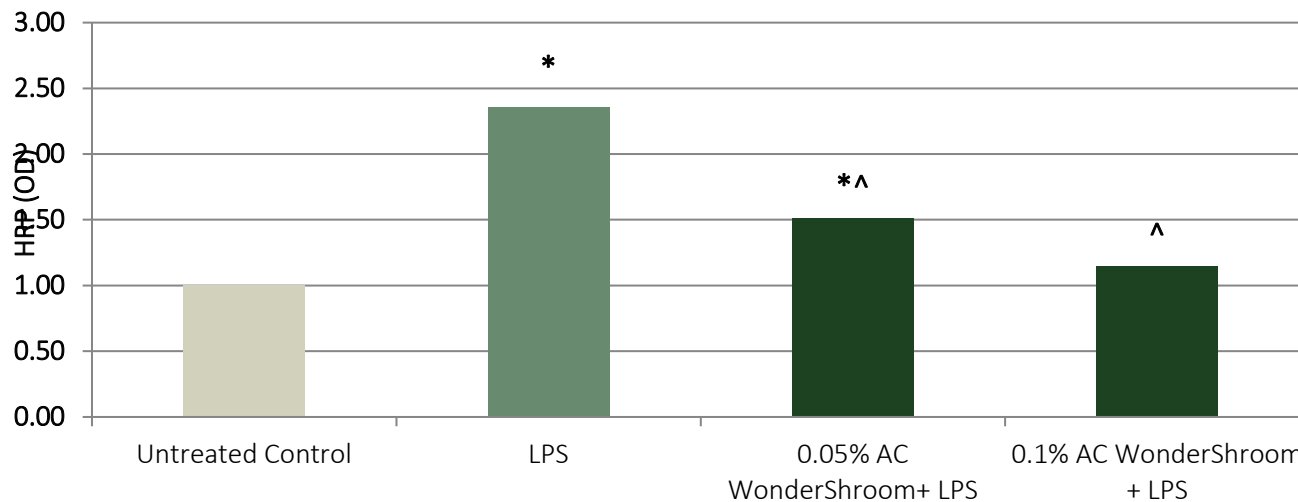


Fig 8. Effect of AC WonderShroom on Dermal Microvascular Endothelial Cell Permeability Relative to Untreated Control.

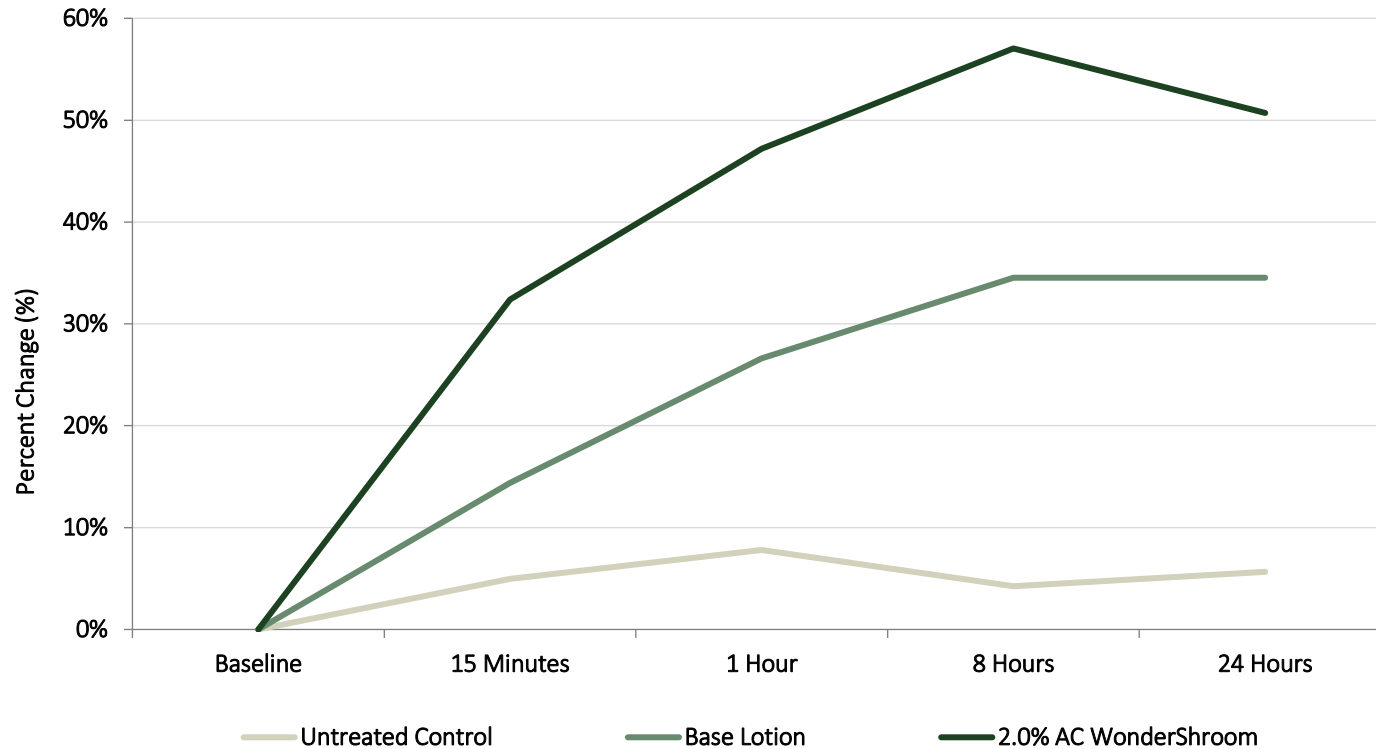
AC WonderShroom at 0.1% in vitro reduced endothelial permeability compared to LPS-treated fibroblasts by

- 51%

Benefits

AC WonderShroom boosts skin vitality by enhancing endothelial permeability, promoting healthier, more resilient skin.

24-Hour Moisturization Assay



Proper hydration maintains the skin's structural and functional integrity and contributes to the appearance of healthier-looking skin.

Accordingly, a moisturization study was conducted to evaluate the immediate and short-term skin hydrating properties of AC WonderShroom.

Figure 9. Skin Hydration Overtime

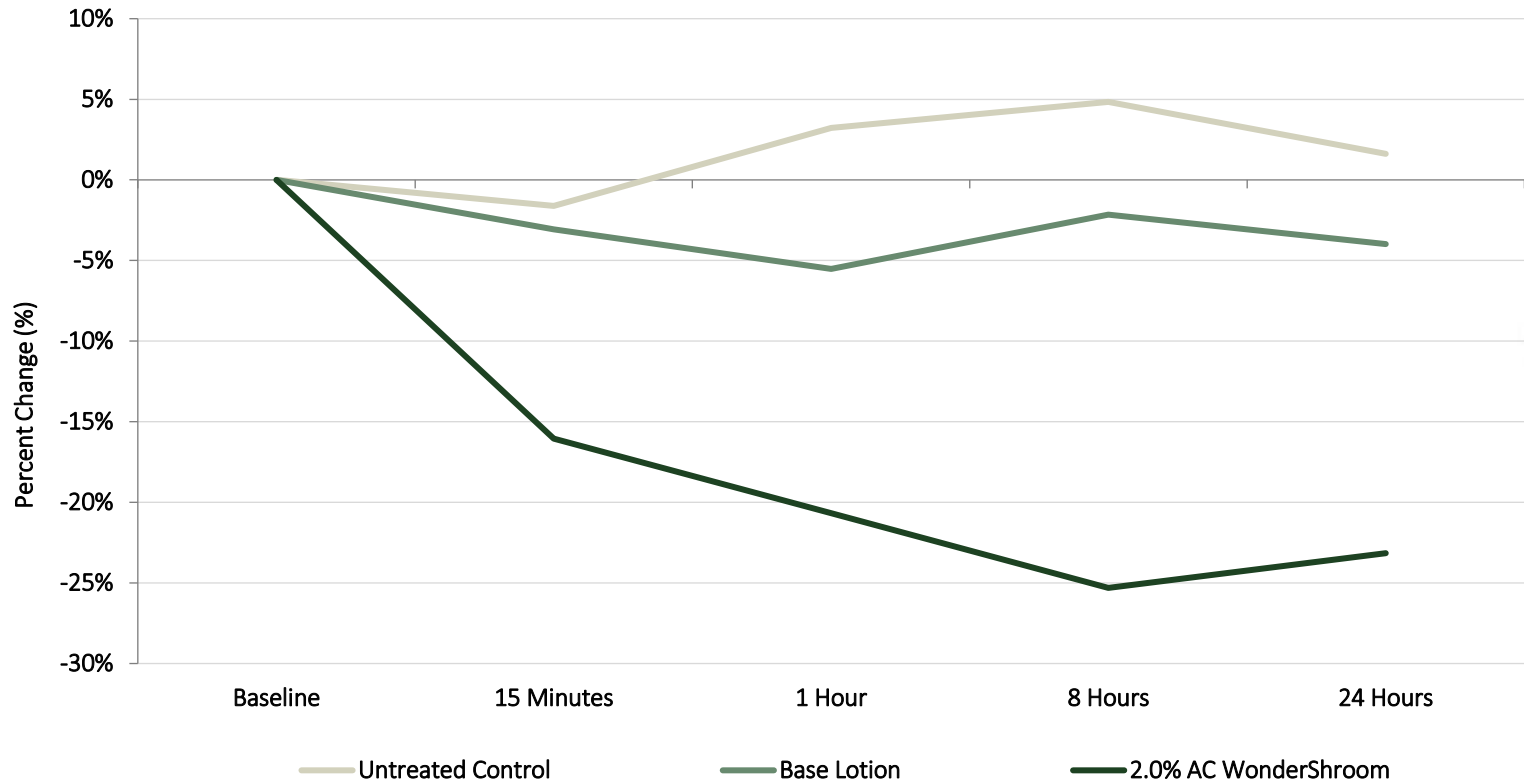
Applying 2.0%
AC WonderShroom
significantly augmented skin
moisturization eight hours
after application by

Benefits

+57%

AC WonderShroom boosts skin
hydration, strengthening the
protective barrier.

24-Hour Transepidermal Water Loss Study



Moderating excessive TEWL improves the skin's protective barrier function and contributes to the appearance of healthier-looking skin.

Accordingly, a transepidermal water loss study was conducted to evaluate the immediate and short-term moisture retention properties of AC WonderShroom.

Figure 10. Percent Change in Transepidermal Water Loss Relative to Baseline Values.

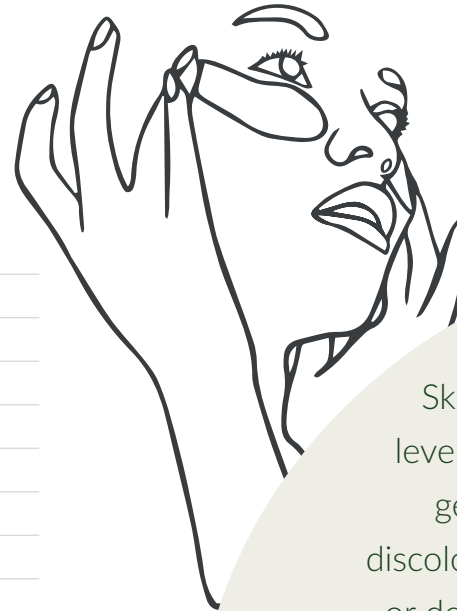
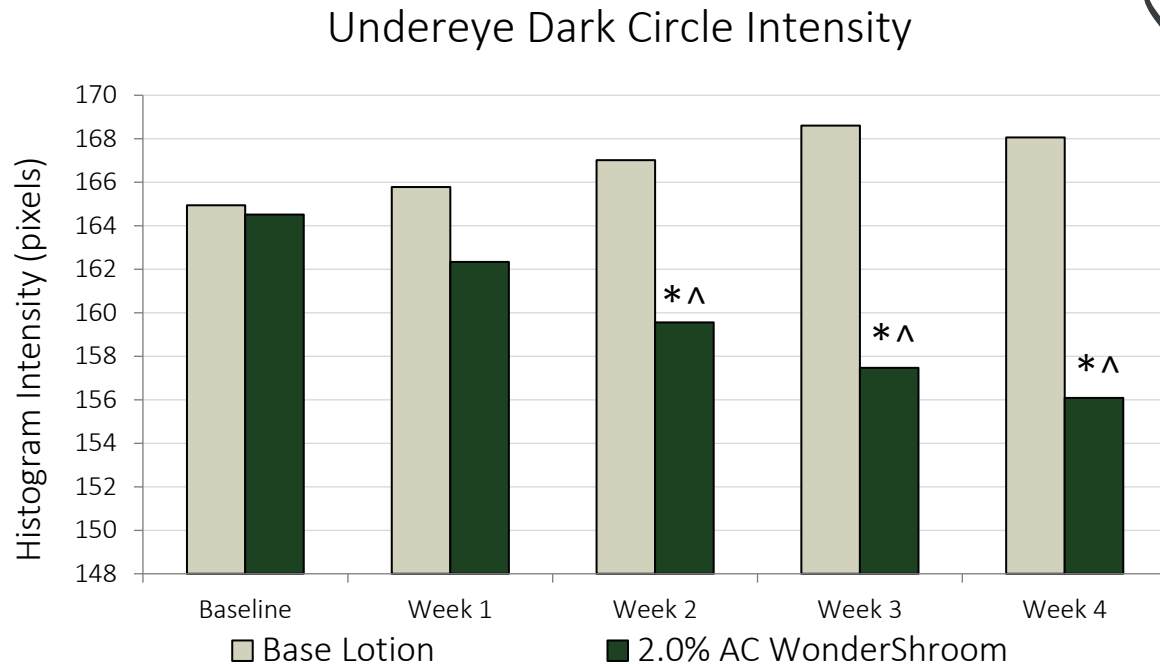
Applying 2.0%
AC WonderShroom
significantly reduced TEWL
eight hours after application by

-25%

Benefits

AC WonderShroom boosts moisture retention, strengthens the skin's barrier, and reveals a radiantly healthy complexion.

Undereye Study



Skin pigmentation is influenced by melanin levels, which can change due to sun exposure, genetics, and hormones. **Dark circles** and discoloration, often caused by **stress, lack of sleep,** or dehydration, contribute to signs of aging and fatigue. Undereye discoloration results from deoxygenated blood pooling in vessels near the skin, creating a blue or purple hue. Improving pigmentation, reducing dark circles, and minimizing discoloration enhance a youthful appearance. To assess these effects, a four-week in-vivo VISIA Analysis and Pigmentation Study evaluated the impact of **AC WonderShroom** on undereye pigmentation, discoloration, and dark circles.

Fig 11. Average Undereye Dark Circle Intensity throughout the Four-Week Study Protocol.

* indicates significance ($p \leq 0.05$) compared to Baseline. ^ indicates significance ($p \leq 0.05$) between conditions within each timepoint.

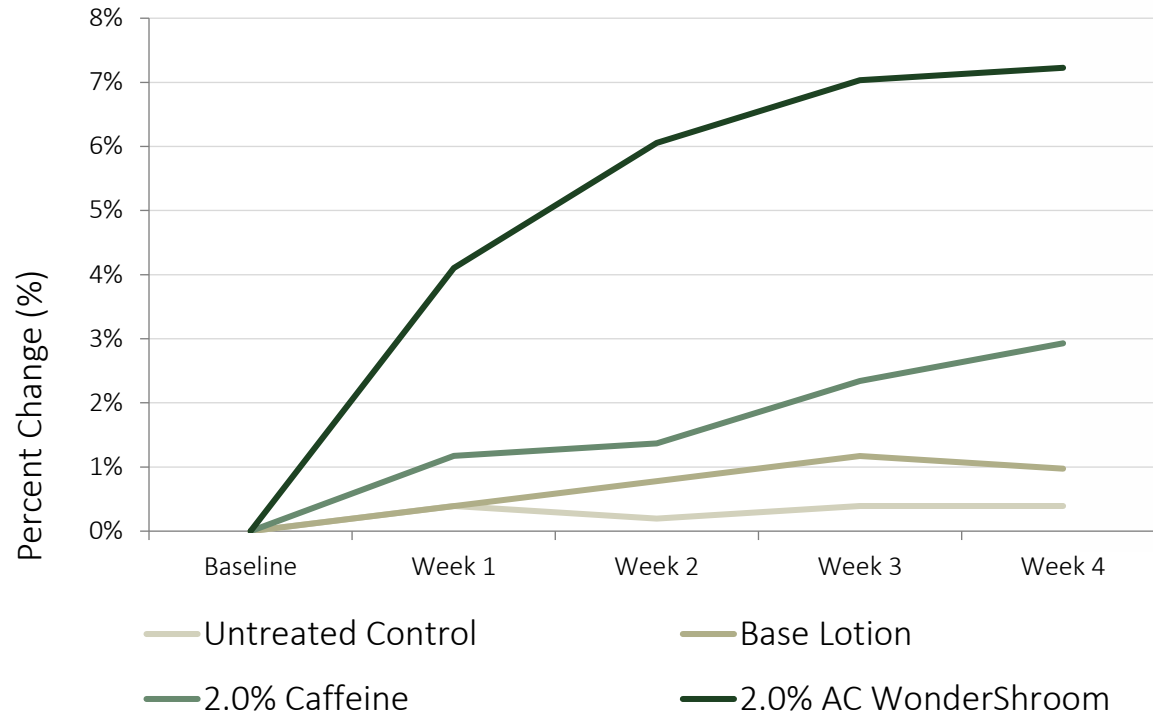
2% of AC WonderShroom significantly demonstrated a reduction in undereye dark circle color intensity by

-5%

Benefits

AC WonderShroom visibly reduces dark circles and undereye discoloration for brighter and revitalized eyes.

Elasticity Study



Elasticity is responsible for giving skin a plump and healthy appearance. Skin elasticity is measured by the amount of time it takes for skin to bounce back when stretched. With age, skin elasticity decreases and leads to sagging, fine lines, and wrinkles. Maintaining a proper level of skin elasticity results in firmer skin that looks healthier and more youthful in appearance. Accordingly, an Elasticity Study was conducted to assess the ability of **AC WonderShroom** to improve skin elasticity overtime.

Figure 12. Percent Change in Elasticity Relative to Baseline Values.

2% of AC WonderShroom
twice a day for four weeks
significantly augmented skin
elasticity by

+7%

Benefits

AC WonderShroom boosts
skin firmness and maintain
structure, for a
healthier-looking complexion.

Neck Wrinkle Study



Wrinkles and fine lines form as skin loses elasticity, moisture, and collagen over time—exacerbated by sun exposure and repeated movements. A common concern, “Tech Neck”, results from constantly looking down at screens, causing deep horizontal creases, much like folds in paper that never fully smooth out. To combat these visible signs of aging, an in vivo study over four weeks evaluated AC WonderShroom ability to improve neck wrinkles, collagen density, dermal thickness, and skin elasticity, revealing its potential to restore a smoother, firmer, and more youthful-looking appearance.

Image 1. Images of Participant 3’s Neck Wrinkle Length Over Time Measured in Pixels (Right Side (R)= Base Lotion, Left Side (L)= 2.0% AC WonderShroom). Only the bottom horizontal neck wrinkle for Participant 3 was measured as the top horizontal neck wrinkle is not continuous and does not meet proper ImageJ analysis threshold.

Neck Wrinkle Study

Neck Wrinkle Length

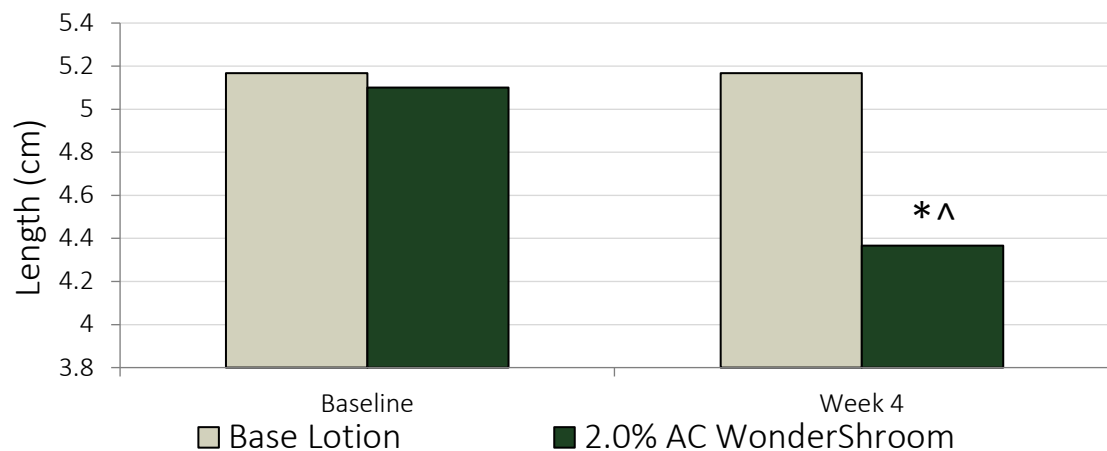


Fig 13. Neck Wrinkle Length Overtime. * indicates significance ($p \leq 0.05$) compared to Baseline values within the same condition. ^ indicates significance ($p \leq 0.05$) compared to Base Lotion within the same timepoint.

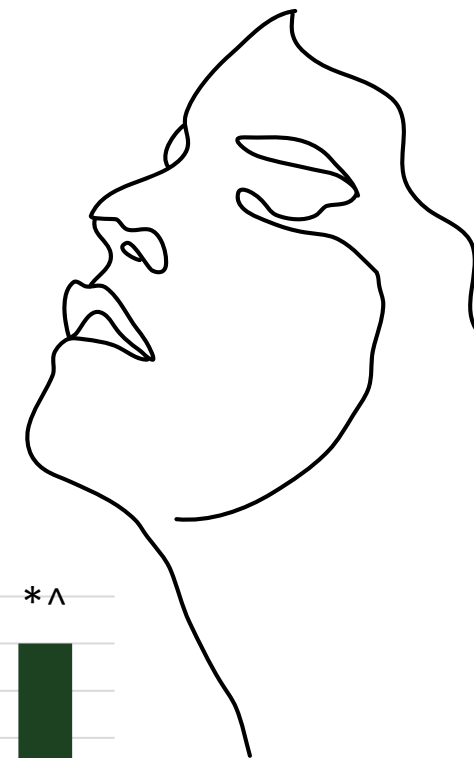
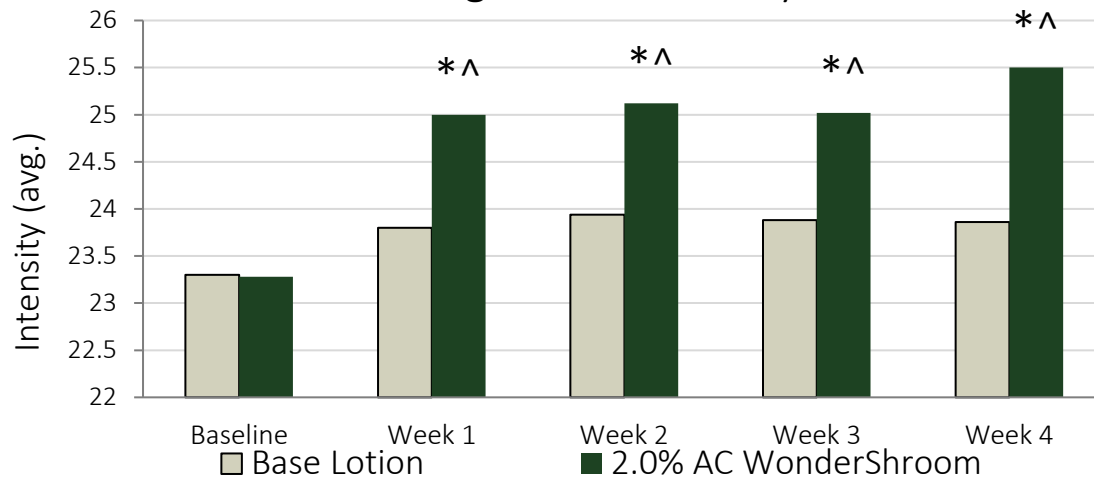


Fig 14. Collagen Fiber Density Overtime. * indicates significance ($p \leq 0.05$) compared to Baseline values within the same condition. ^ indicates significance ($p \leq 0.05$) compared to Base Lotion within the same timepoint.

Collagen Fiber Density



2% of AC WonderShroom significantly decreased horizontal neck wrinkle length and increased collagen fiber density by

- 14%
&
+9%

Benefits

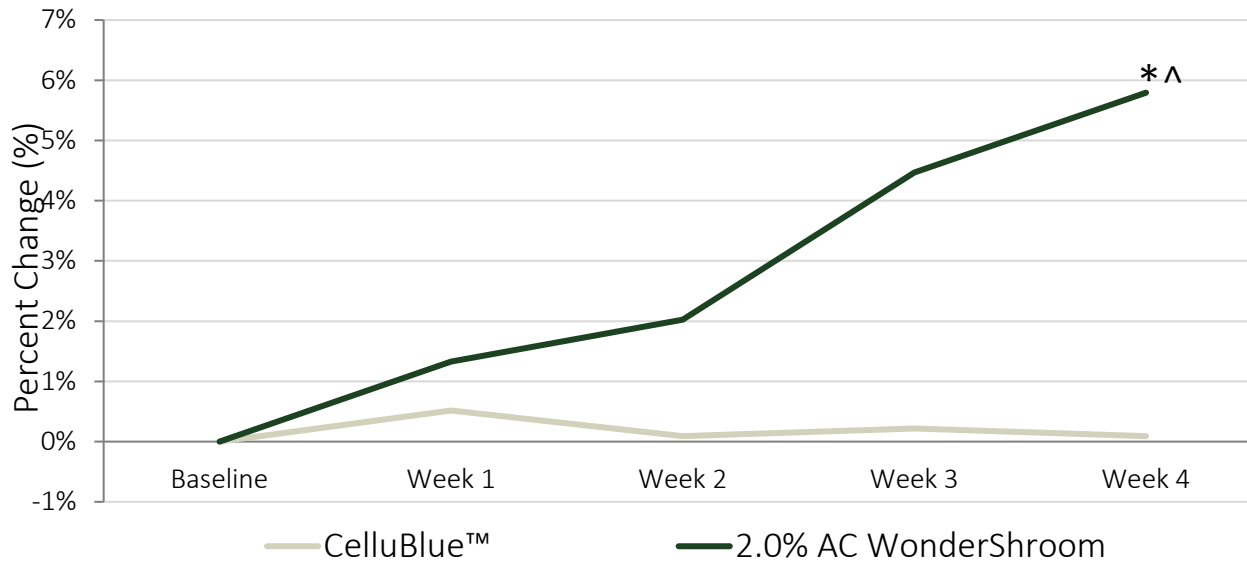
AC WonderShroom visibly enhances neck aging and promotes a firmer, smoother, and more youthful-looking neck.



Cellulite Study



Change in Collagen Fiber Density



Cellulite, commonly seen as dimples or uneven skin, typically appears on the thighs and buttocks due to **fat buildup** and **collagen breakdown** over time. As we age, weakened collagen fibers contribute to this skin texture, often compared to "cottage cheese" or "orange peel." Monitoring cellulite is key to maintaining a healthier, more youthful skin appearance. An in vivo study over four weeks tested **AC WonderShroom**, showing its potential to reduce visual appearance of cellulite and improve collagen density, dermal thickness, and skin elasticity for smoother, **firmer skin**.

Fig 15. Collagen Fiber Density Overtime. * indicates significance ($p \leq 0.05$) compared to Baseline values within the same condition. ^ indicates significance ($p \leq 0.05$) compared to CelluBlue within the same timepoint.

Cellulite Study

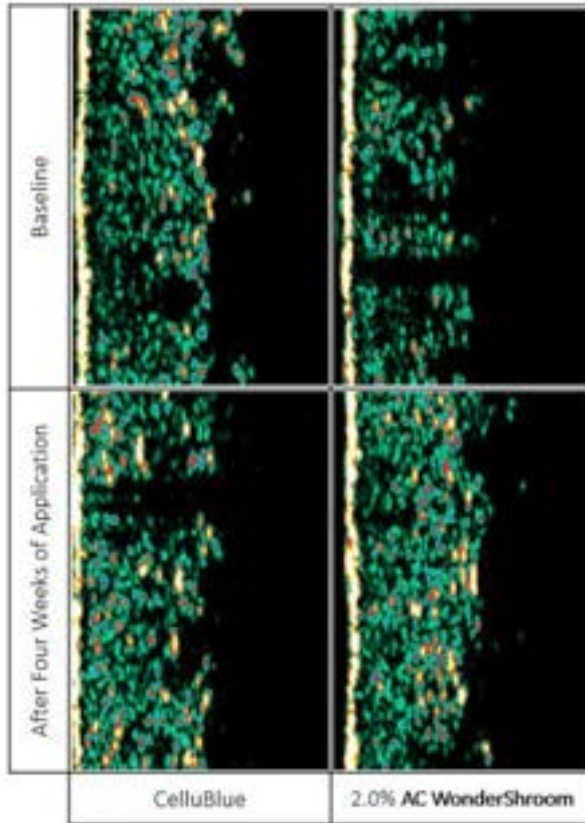
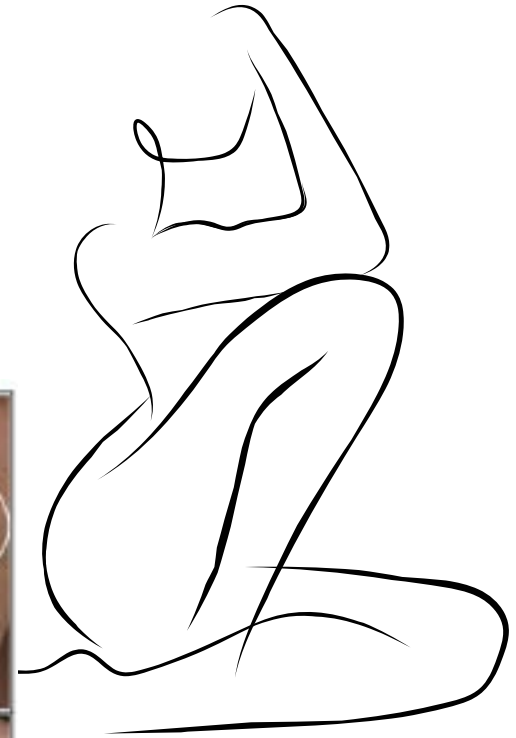


Image 2. Participant Ultrasound Images of Each Test Site at Baseline (Top) and After Four Weeks (bottom) of 2.0% AC WonderShroom application..



Image 3. Images of Participant 2's Thighs Over Time. Participant was graded as Stage 2 at Baseline.



2% of AC WonderShroom significantly demonstrated an increase in collagen fiber density by

+5,8%

As well as visual appearance of cellulite present on thighs.

Benefits

AC WonderShroom boosts skin's appearance on the thighs by enhancing collagen density, thickness and elasticity, improving overall texture.

Summary

WHAT.

AC WonderShroom is a targeted **skincare technology** that leverages the brain-skin axis to address **stress-induced skin** concerns.

WHY.

AC WonderShroom is a holistic skincare approach inspired by the **interconnected communication** of mushroom mycelial networks and the body's own systems. In today's fast-paced world, **stress** accelerates skin aging, inflammation, and barrier dysfunction. This targeted solution combats these effects with **nootropic** and **adaptogenic** properties, enhancing skin resilience and overall well-being.

MADE OF.

Born from the natural **intelligence of mushrooms** of Lion's Mane and Cordyceps, the highest quality Gyokuro **tea**, and the **prebiotic** Aureobasidium pullulan, these ingredients are synergized through a perfectly orchestrated **infusion**, precisely integrated for maximum skin benefits.

ACTION.

This potent formula enhances **skin resilience** and longevity, promotes emotional balance, and supports overall well-being, offering a new approach where **science** meets **serenity**, with beauty deeply rooted in nature.



AC WonderShroom

Code. 21029

INCI. Camellia Sinensis Leaf Extract & Cordyceps Sinensis Extract & Hericium Erinaceum Extract & Aureobasidium Pullulans Ferment.

China. Ganoderma Lucidum (Mushroom) Extract & Camellia Sinensis Leaf Extract & Aureobasidium Pullulans Ferment

Appearance. Clear to Slightly Hazy Liquid - Colorless to Yellow

Suggested Use Level. 1 – 5%

Suggested Applications. Neuro-Boosting, Pro-Aging, Skin Resilience, Biohacking, Barrier Protection, Skin Elasticity

Standardized. *Caffeine 0,5-2,5%, L-Theanine 0,5-2%*

SKIND
Wonders

...where Skin meets Mind



In Vitro



In Vivo



ISO
16128
NI & NOI



Vegan
Compliant



COSMOS
Compliant



Product
Passport



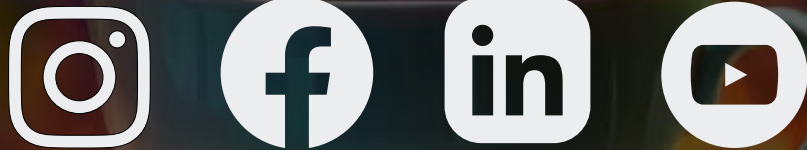
Credo
Clean



Sephora
Clean



Active Concepts



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Email: info@activeconceptsllc.com