

Lycomato[®]

Improved skin health,
wellness, and appearance
for a glow that starts within.



Lycomato

Lycopene

Phytosterols

Tocopherols

Phytoene / Phytofluene

Beta-carotene

Releasing the beauty within

Maintaining skin health and appearance is a lifelong journey that begins on the inside – the home of our “inner glow.”

Lycored’s proprietary wellness extract, Lycomato harnesses a range of powerful tomato-derived ingredients. Our standardized extract contains optimal concentrations of lycopene, phytoene, and phytofluene and vital vitamins, to help support both skin health and appearance.¹

With 57% of young skincare consumers purchasing an ingestible product in 2021, it’s clear that the beauty-from-within message is resonating more strongly than ever.²

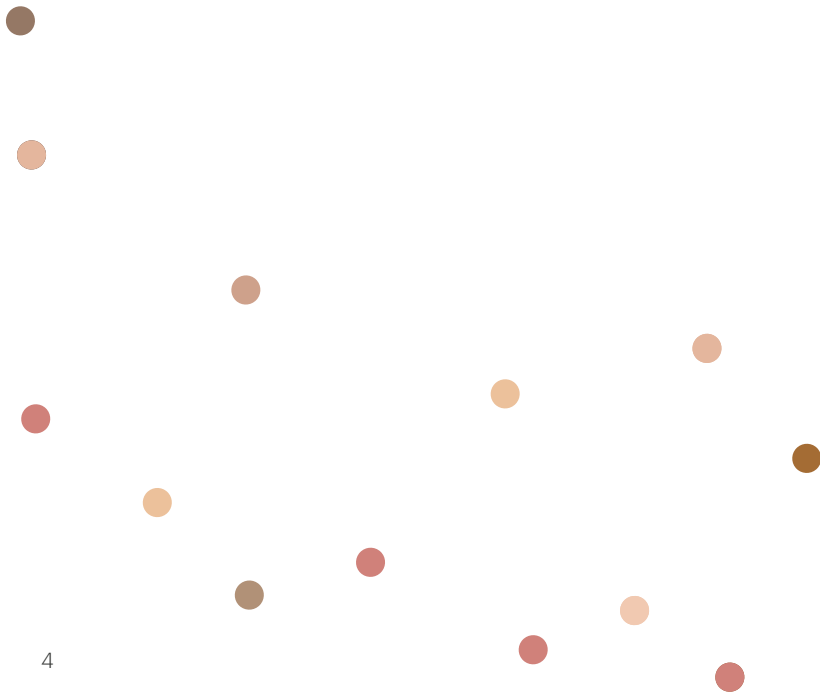
But Lycomato isn’t just in line with trends in the beauty space. A growing body of scientific evidence is demonstrating amazing results that consumers really notice.

¹ Lefevre CE, Ewbank MP, Calder AJ, von dem Hagen E, Perrett DI. ‘It is all in the face: carotenoid skin coloration loses attractiveness outside the face’ Biol Lett. 2013

² Lycored ‘Further Beyond Skin Deep’, 2022

Let it sink in

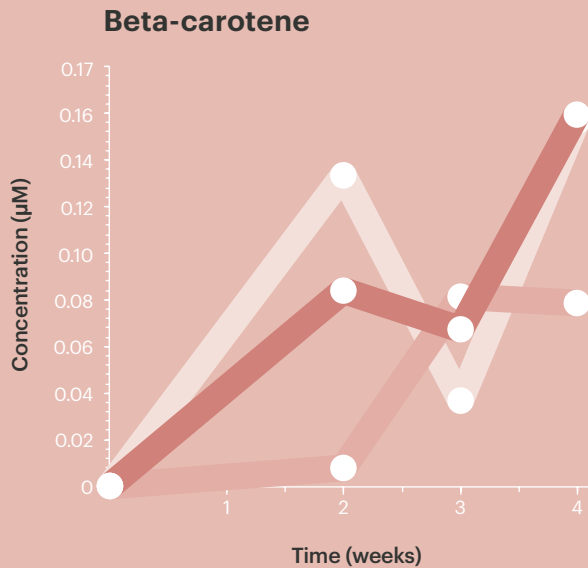
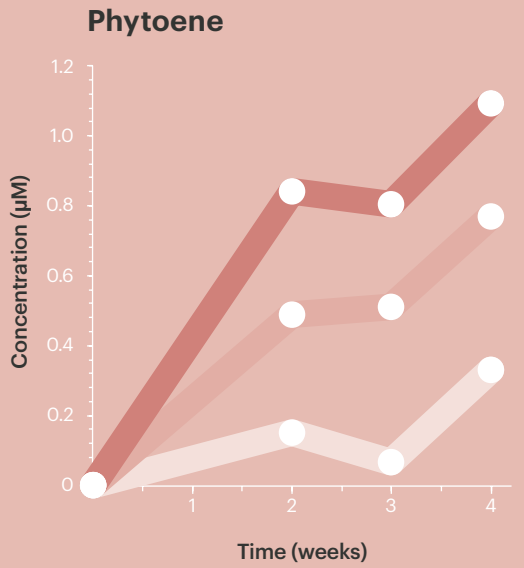
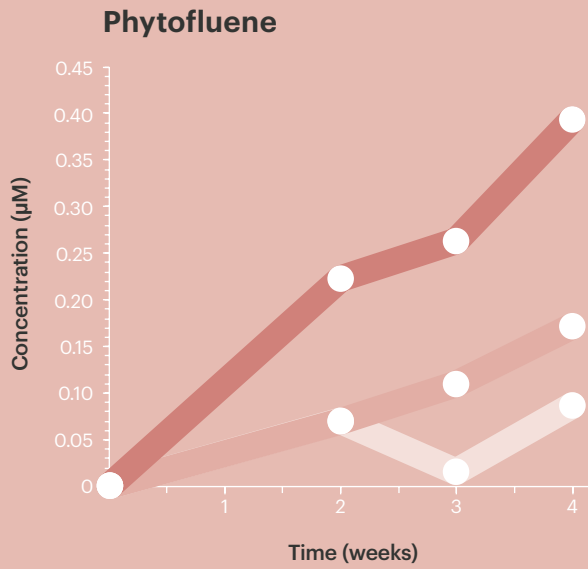
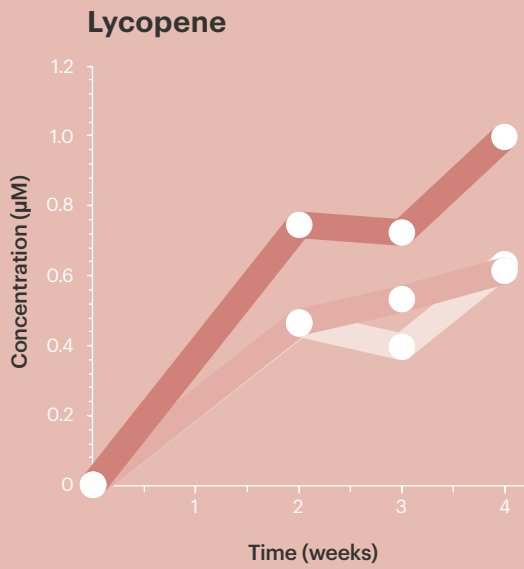
Unlike other nutrients that exit the body quickly upon consumption, Lycomato's high bioavailability means the nutrients make their way into the blood stream, creating a carotenoid reservoir. The body is then able to start utilizing these powerful carotenoids to improve blood flow and circulation and begin impacting internal health systems like the skin.



Concentrations of nutrients in blood plasma over a period of 4 weeks

Daily dosage

- 2 mg
- 5 mg
- 15 mg



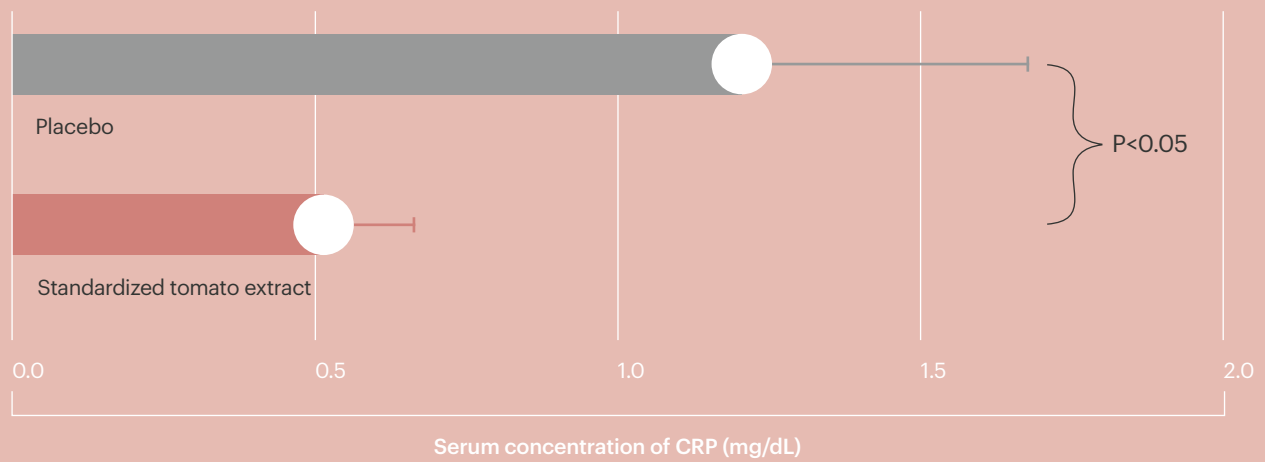
Source: Wolak et al 2009



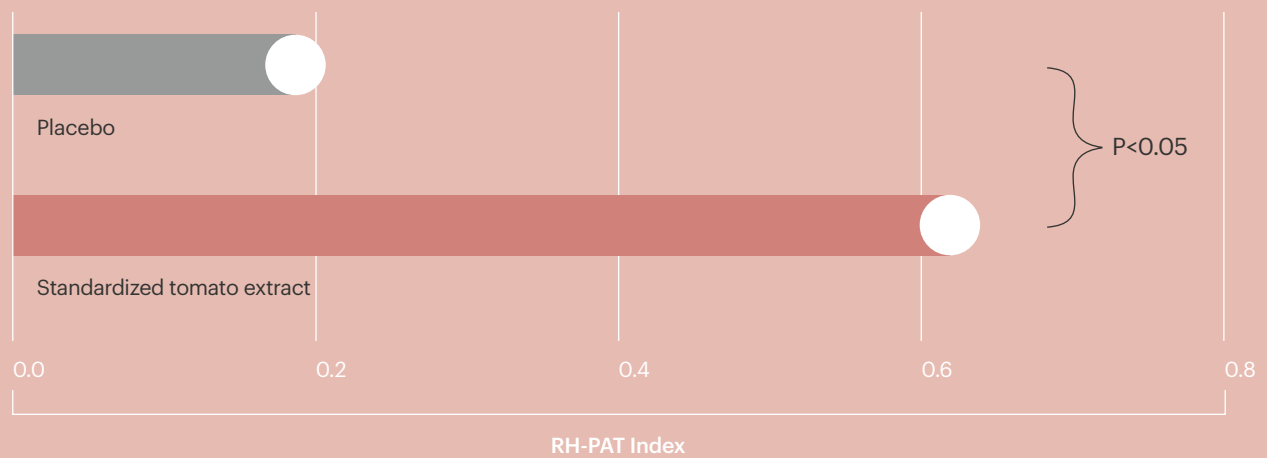
Healthy flow for the glow

When our skin is nourished and balanced it shows. Healthy blood flow is important to our overall vitality which is reflected in the way we look. Healthy circulation is also key to nutrient delivery and vital looking skin. It is a life-long journey where a full spectrum of benefits will be achieved over time.

Decrease in CRP inflammation marker



Increase in endothelial function measured by reactive hyperaemia peripheral arterial tonometry (RH-PAT)



Source: Kim, JY. Et al., 2011 Atherosclerosis, 215: 189-195

Results consumers notice



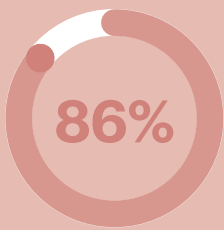
The most recent (2023) study on Lycomato demonstrated that it delivers beauty results that are both noticeable by consumers and scientifically measurable.

Fifty healthy women of different ages (35 – 58), ethnicities (black, Latino, Asian and Caucasian), and skin types (Fitzpatrick II-V) took Lycomato softgels daily for 12 weeks.

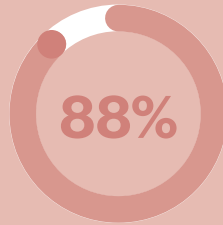
Their skin condition was assessed using three methods: expert visual grading of facial markers, instrumental measurement (including assessment of trans-epidermal water loss) and consumer perception via questionnaires.

The visual grading identified significant improvement to a range of parameters after both four weeks and 12 weeks of supplementation. These included fine lines, wrinkles, radiance, smoothness and firmness. The instrumental measurement found significant improvement to skin firmness after the fourth and twelfth weeks, and significant skin barrier improvement after 12 weeks.

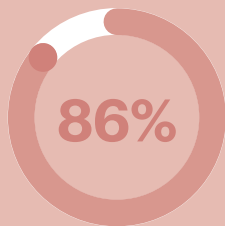
The self-assessment stage of the study also revealed some amazing results. After 12 weeks of supplementation:



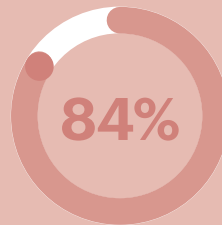
of subjects said that using Lycomato **had improved the overall appearance** of their skin



said it **had improved their skin's elasticity**



said their skin felt **smoother**



said their skin felt **younger or healthier**³

³ Tarshish, Et al., 2023 J. Cosmetic Dermatology

Beauty you can see

From baseline to week 12, fine lines, wrinkles, redness and dark coloration around the eyes appears reduced.



Baseline



Week 12



Baseline

Week 12

Beauty you can feel

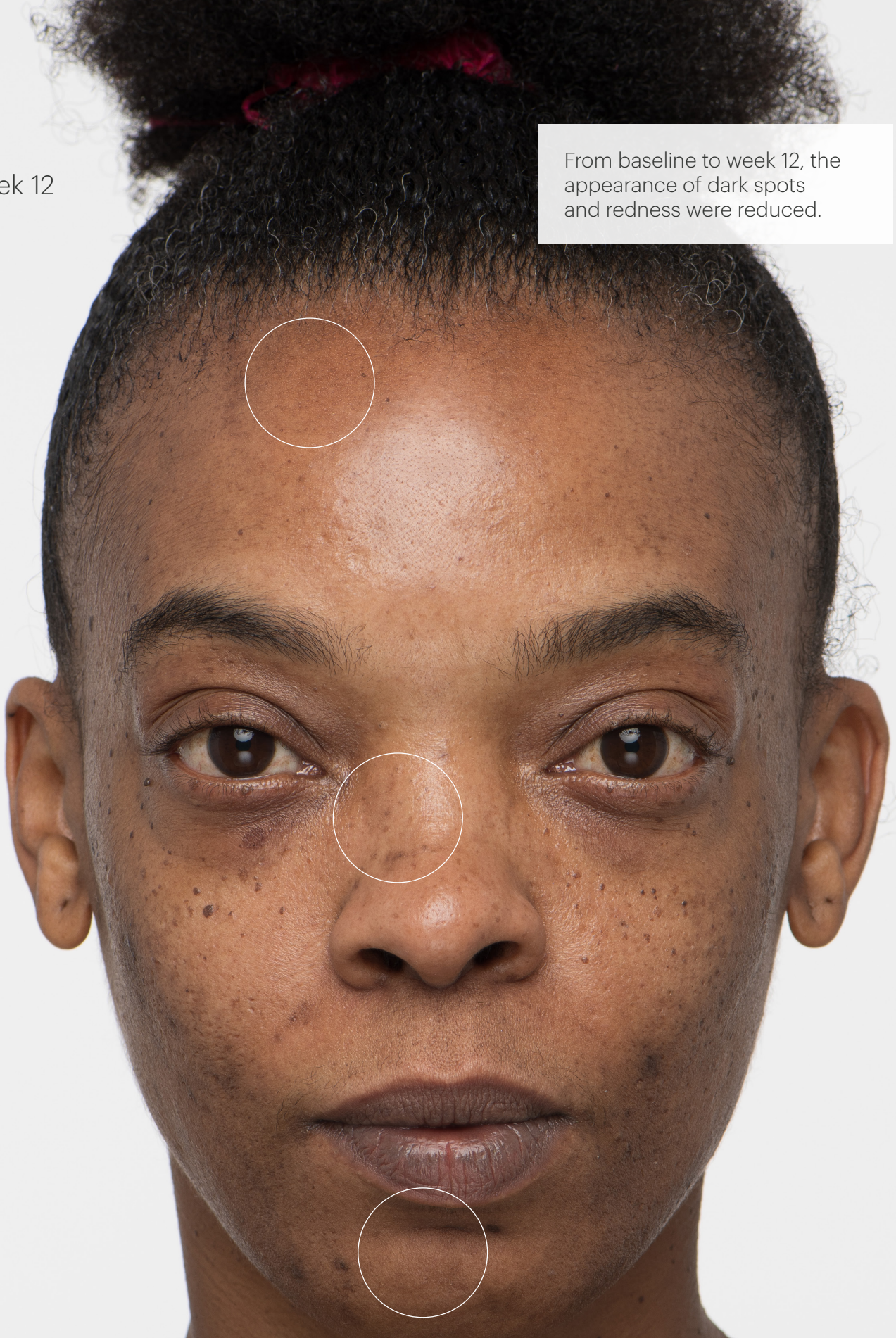
From baseline to week 12, skin tonality appears more even with a reduced appearance of redness, pore size and texture.

Baseline



Week 12

From baseline to week 12, the appearance of dark spots and redness were reduced.



Protection against UV damage

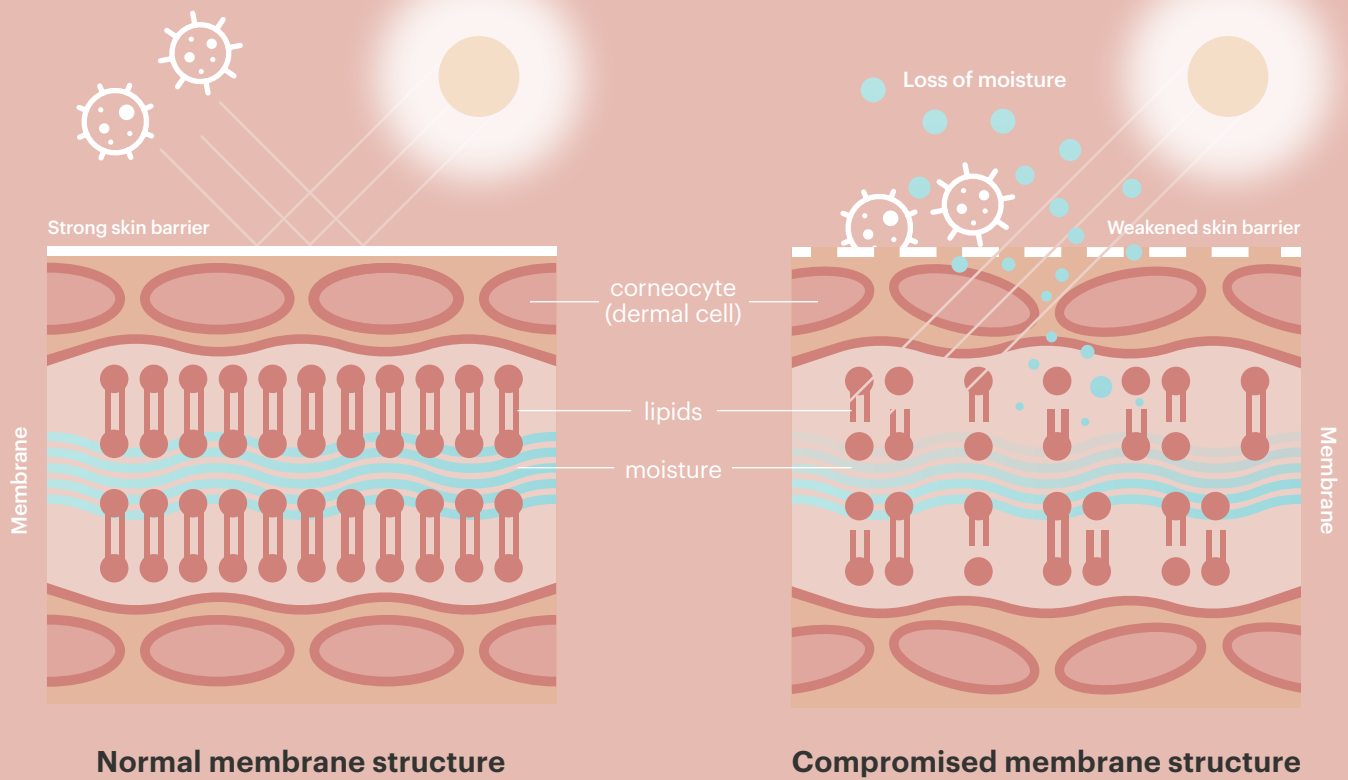
UV damage is the number one preventable cause of perceived aging. Lycomato's active ingredients work hard from the inside out to protect against UV damage, helping the skin both look and feel healthy.

Lycopene, for example, is an antioxidant capable of countering the effects of reactive oxygen species (ROS). It accumulates and metabolizes in the skin, providing a first line of defense against damaging UV light.⁴

Furthermore, research has shown that a combination of lycopene, phytoene and phytofluene is more effective than lycopene alone in reducing erythema following UV exposure, helping protect skin across a broader range of UV light, including UVA and UVB wavelengths.⁵

⁴ Stahl, W. et al 'Antioxidant activity of carotenoids' Molecular Aspects of Medicine, 2003

⁵ Aust O, Stahl W, Sies H, Tronnier H, Heinrich U. 'Supplementation with tomato-based products increases lycopene, phytofluene, and phytoene levels in human serum and protects against UV-light-induced erythema.' Int J Vitam Nutr Res, 2005



When the skin barrier is weakened by external stressors like UV, pollution and bacteria, the membrane structure is compromised, leaving the dermal cells and lipid membrane unable to retain moisture and resulting in red, dry skin.

Lycomato helps strengthen the skin barrier for a strong line of defense against these outside forces, assisting the skin in maintaining cellular equilibrium and proper moisture levels for calm, hydrated looking skin.

Stress-busting and collagen boosting

Studies have also demonstrated how the carotenoids in Lycomato can protect the skin against oxidative stress.

Researchers in Israel exposed human dermal fibroblasts to oxidative stress, which led to cell death and decreased pro-collagen secretion.

However, pre-treatment with Lycomato was found to reverse the effects of oxidative stress. It reduced the rise in secretion of MMP-1, an enzyme responsible for collagen damage, by around 50%, and completely restored pro-collagen secretion.

The study found that supplementation with carotenoids and other phytonutrients in Lycomato can reduce oxidative stress-induced damage, with benefits for skin health and appearance.

It also demonstrated that Lycomato is a perfect partner for collagen in skin health supplements, and in anti-aging products in particular.⁶ By balancing micro-environments and modulating specific collagen degrading enzymes the carotenoids contained in Lycomato assist to provide support and an environment for collagen to thrive.

⁶ Darawsha, A.; Trachtenberg, A.; Levy, J.; Sharoni, Y. The Protective Effect of Carotenoids, Polyphenols, and Estradiol on Dermal Fibroblasts under Oxidative Stress. *Antioxidants*, 2021



Key takeaways

Lycomato's benefits

- Helps to reduce the appearance of skin redness, texture, fine lines and wrinkles and appearance of pores
- Helps skin to cope with environmental challenges and UV exposure
- Helps maintain skin's natural ability to protect against the effects of photo-aging
- Boosts the skin's ability to maintain its natural radiance and resilience
- Provides an antioxidant boost to maintain overall skin wellness over time
- Helps support healthy circulation, associated with improved skin health and appearance
- Helps reduce free radicals in the skin, induced by urban living and outdoor lifestyle
- Prepares skin with skin-active carotenoids and vitamins for aging beautifully

Key facts

- Most clinically studied lycopene ingredient
- Regulatory status = "food supplement"
- Can be formulated in soft gels, liquid-filled capsules, and gummies
- Non-GMO Project Verified



Let's chat

Contact us with questions, or just to say hello at infos@lycored.com

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