



Lycored

Lycored Lycopene

This one's a page-turner.



Discover the fruit of our labor.



Lycopene has inspired and challenged us for over twenty years—it was the carotenoid we started with and the one we keep coming back to, year after year, as we learn more about this incredible phytonutrient and the way it benefits our wellbeing from the womb to our twilight years.

Because of lycopene we established our own approach to vertical integration, which we like to call holistic production. From the seeds of our carefully cultivated tomatoes to the seeds of our scientific and creative thinking, the way we share our lycopene with the world is truly unique and the result of our commitment to quality, an unwavering dedication we represent with the seal you see here. It is a symbol of excellence, and a promise that you will never get anything less from us.

You can't fake great.

Natural lycopene, like ours, is the only form of the carotenoid with a clinical backing. There is no evidence to suggest that synthetic lycopene has the same benefits, if any, as natural lycopene on wellness.

Our commitment to backing our products with science means that we never rest on the road to exceptional. We collect more data, conduct more studies, and run more trials with the hope of unearthing new insights and applications for our lycopene.

Meet the carotenoid for the ages.

A multitude of studies have shown that our hero carotenoid supports us differently at every stage of life depending on the serving (which you can read more about on the next page).



Experience the whole story (and more)
at lycored.com/lycopedia

Lycopene + Early Life

Lycopene can be beneficial to first-time mothers. After birth, the carotenoid may help young children's skin protect itself from photodamage.

Lycopene + Younger Adults

The nutrient may help protect lungs during physical activity, maintain the perceived smoothness of the epidermis, and support fertility in men.

Lycopene + Midlife Adults

Increased lycopene levels correlate with a decrease in oxidized low-density lipoprotein (ox-LDL) cholesterol. Additionally, the nutrient can aid in the transport of lutein to the eye.

Lycopene + Older Adults

The phytonutrient can benefit bone health in postmenopausal women, and was found to be beneficial to older men's wellness, too.

Even a little bit can go a long way.

The human body can't produce carotenoids on its own, so getting the nutrition we need through diet and supplementation is essential. Supplements especially can help ensure that we receive the nutrition we need on a regular basis. There is a different recommended dosage depending on the desired effect—check out the numbers below.



General Benefits
10 mg



Skin Health
10 mg



Prostate Health
10-15 mg



Cardiovascular Health
15 mg



Vision Health
15 mg



Bone Health
30 mg

Flip to p.7 to take a look at a few of our favorite studies involving lycopene.

Small yet mighty.

Our microencapsulation techniques enhance the bioavailability and stability of ingredients while minimizing cross-interaction and protecting against oxidation. Take a look at our beadlet offerings to learn more.

Lycored Alginate Beadlets (VBAF)



In this proprietary technology, active ingredients are encased by ionic complexes in algae.

- +✓ Increased stability
- +✓ Protection against cross-interaction
- +✓ Reduced overage
- +✓ Oxygen and moisture protection
- +✓ Protects from mechanical stress
 - ✓ Halal
 - ✓ Kosher
 - ✓ Vegetarian
 - ✓ Non-GMO
 - ✓ Acid resistant
- +✓ Targeted release
 - Our most robust system—excellent tablet performance including high compression

Lycored Starch Beadlets



Here, we encapsulate our active ingredients in starch.

- +✓ Increased stability and bioavailability
- +✓ Protection against cross-interaction
- +✓ Reduced overage
- +✓ Oxygen and moisture protection
- +✓ Protects from mechanical stress
 - ✓ Halal
 - ✓ Kosher
 - ✓ Vegetarian
 - ✓ Non-GMO
 - ✓ Water dispersible
- +✓ Targeted release
 - Excellent for hard shell capsules and powders

✓ Good +✓ Excellent

We have just the thing.

All of the lycopene products you see below are part of our co-branding program and would appear listed as Lycored Lycopene alongside our seal (visible on p.1 of this booklet). For further details, please reach out to your dedicated sales associate.

Lycobeads 5% VBAF

Specification

min. 5% natural tomato lycopene

Formulation

Vegetarian, allergen free, microencapsulated alginate beadlets

Application

Dietary supplements—suitable for hard shell capsules and tablets

Lycobeads 20% VBAF

Specification

min. 20% natural tomato lycopene

Formulation

Vegetarian, allergen free, microencapsulated alginate beadlets

Application

Dietary supplements—suitable for hard shell capsules and tablets

Lycobeads S Beadlets 5%

Specification

min. 5% natural tomato lycopene

Formulation

Microencapsulated tablet grade and water dispersible beadlets

Application

Dietary supplements—suitable for hard shell capsules and tablets; food fortification

Lycobeads S Beadlets 10%

Specification

min. 10% natural tomato lycopene

Formulation

Microencapsulated tablet grade and water dispersible beadlets

Application

Dietary supplements—suitable for hard shell capsules and tablets; food fortification

Lycobeads 5%

Specification

min. 5% natural tomato lycopene

Formulation

Microencapsulated powder

Application

Dietary supplements—suitable for hard shell capsules and tablets

Lycobeads 20%

Specification

min. 20% natural tomato lycopene

Formulation

Microencapsulated powder

Application

Dietary supplements—suitable for hard shell capsules and tablets

A few key takeaways about our lycopene:

- ✓ Vertical integration means you and your customers can trust in the quality of our lycopene.
- ✓ Microencapsulation ensures optimal bioavailability and increased stability.
- ✓ Natural lycopene, like ours, is the only form of the carotenoid with a clinical backing.
- ✓ Our trials and studies represent our dedication to putting wellness first and show that our products do what they promise.
- ✓ Lycopene is a carotenoid for the ages that supports heart, skin, prostate, eye, and bone health.
- ✓ Our product is generally recognized as safe (GRAS) and non-GMO.

Further Reading: Studies

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2. Devaraj S, Mathur S, Basu A, Aung HH, Vasu VT, Meyers S, and Jialal I. A dose-response study on the effects of purified lycopene supplementation on biomarkers of oxidative stress. *J.Am.Coll.Nutr.* 2008;27(2):267-273.
3. Lee J, Jiang S, Levine N, Watson RR. Carotenoid supplementation reduces erythema in human skin after simulated solar radiation exposure. *Proc Soc Exp Biol Med* 2000;223:170-4.
4. Aust O, Stahl W, Sies H, et al. 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;75:54-60.
5. Sies H, Stahl W. Nutritional protection against skin damage from sunlight. *Annu Rev Nutr* 2004;24:173-200 [review].
6. Sies H, Stahl W. Carotenoids and UV protection. *Photochem Photobiol Sci* 2004;3:749-52 [review].
7. Cardinault N, Abalain JH, Sairafi B, et al. Lycopene but not lutein nor zeaxanthin decreases in serum and lipoproteins in age-related macular degeneration patients. *Clin Chim Acta.* 2005;357(1):34-42.
8. Mackinnon ES, Rao AV, Josse RG, Rao LG. Supplementation with the antioxidant lycopene significantly decreases oxidative stress parameters and the bone resorption marker N-telopeptide of type I collagen in postmenopausal women. *Osteoporos Int.* 2011 Apr;22(4):1091-101.

Let's chat.

Don't hesitate to get in touch. Contact us with questions, or just to say hello, at info@lycored.com



Lycored
Cultivating wellness.™