Shaklee

Welcome to Ageless

Derived from the world's most potent source of scientifically proven polyphenols



What If You Could Slow Down Aging?



For centuries, the dream of slowing down aging has captivated humanity. While the mythical fountain of youth remains a legend, science is rapidly unlocking the secrets to living younger longer.

We Are All Made of Cells

Our cells endure 500 trillion attacks every single minute. These attacks come from several sources, including the toxins we encounter, dietary choices we make, and even the essential functions of daily life like breathing and digesting food. All these contribute to cell damage.



When Your Cells Age, You Age

The aging process starts in your cells, where damage gradually accumulates over time. Studies point towards cellular processes playing a role in the varying rates of human aging, including these factors:



Protect Your Cells With Polyphenols

While it is not possible to completely stop cellular aging, you can help slow it with polyphenols that act as powerful antioxidants so you can live younger longer.*

Polyphenols Keep Your Cells Young

Key Ingredients In Polyphenols Are Shown To:



98.8% Increase in Cellular Energy Production



13x Reduction in Formation of Damaging AGE Proteins



Blunt Inflammatory Response



2/3 Reduction in DNA Damage



Protect Against Oxidative Stress



57% Lower Rate of Telomere Shortening

Polyphenols Help Boost Your Energy Levels

When your cellular energy is improved, you will notice:

- \checkmark Increased energy levels and reduced fatigue
- \checkmark Improved muscular strength and enhanced exercise performance

98.8% Increase in Cellular Energy Production





CONTROL

POLYPHENOL BLENDS

Mitochondrial mass and number are indicated by the green fluorescence. Source: Fisher, L., T. Ianiro, F. Lau, H. Wang and B. Daggy: Synergistic effects of phenolic mixtures in human cell models of aging. Experimental Biology 2015, Boston, Massachusetts, March 28-April 1, 2015. FASEB Journal 29:608.36, 2015.

Studies suggest key ingredients within these blends may enhance the number and functionality of mitochondria, the powerhouses within our cells. This translates to increased energy production at the cellular level, potentially promoting a more youthful state.*

What is Mitochondria?

Mitochondria is your body's powerhouse. Polyphenols help increase the number of mitochondria, thereby enhancing energy supply.





Energy

AGE You with

Youthful Glowing Skin with Polyphenols

COMBATING THE SIGNS OF TIME: POLYPHENOLS AND ADVANCED GLYCATION END PRODUCTS (AGEs)

As we age, our bodies naturally accumulate certain by-products called Advanced Glycation End Products, or **AGEs**, that contribute to the visible signs of aging. Laboratory studies show that polyphenol blends may help inhibit AGEs protein by 80%.





Figure 2. Compared to resveratrol alone, a mixture of polyphenols produced more potent inhibition of albumin glycation.

Reference: L Fisher, T. Ianiro, F. Lau, H. Wang, B. Daggy. Synergistic Effects of Phenolic Mixtures in Human Cell Models of Aging. FASEB Journal, April 2015. vol. 29 no. 1 Supplement 608.36.

Key ingredients in polyphenol blends have been shown in laboratory studies to reduce the formation of AGE proteins 13x more than cells that received resveratrol application alone.¹

Are AGEs Protein that dangerous?

AGEs may increase oxidative stress, inflammation and alter protein structure. Altered protein structure may:



Impair cell function



Accelerate aging



Damage collagen & increase risk for premature aging



Polyphenols Help Reduce Inflammation Even In One Use

High-fat, high-carb meals and unhealthy dietary patterns can cause lowlevel inflammation in your body. In a clinical study, polyphenol blends were shown to blunt the inflammatory response in healthy people to a high-fat, high-carb meal.*†² The effect of polyphenols on inflammation markers are seen and proven in one use.



§ % Change in Keap-1 Protein in MNC

Significantly different from placebo

Source: Ghanim, H. et al. A resveratrol and polyphenol preparation suppresses oxidative and inflammatory stress response to a high-fat, high-carbohydrate meal. JClin Endocrinol Metab 96(5):1409-1414, 2011



Polyphenols Help Reduce DNA Damage

Polyphenol blends have been shown in laboratory studies to protect DNA from damage.* Studies found that cells with polyphenols had significantly 2/3 less DNA damage than those without.



Significantly different from control

Source: Fisher, L., T. Ianiro, F. Lau, H. Wang and B. Daggy: Synergistic effects of phenolic mixtures in human cell models of aging. Experimental Biology 2015, Boston, Massachusetts, March 28-April 1, 2015. FASEB Journal 29:608.36, 2015.



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POLYPHENOL BLENDS The comet assay is a scientific test to check if the DNA in our cells has been damaged. Damaged DNA looks like a comet with a tail, while undamaged DNA is round. This helps scientists understand the extent of DNA damage.

How Does DNA Damage Affect Aging?

DNA damage is a significant driver of the aging process. As we gracefully mature, accumulation of DNA damage within cells can disrupt cellular function and contribute to aging.



Polyphenols Help Protect Your Cells From Internal and External Stressors

Oxidative stress occurs when there is an imbalance between free radicals and antioxidants in the body. Free radicals are highly reactive molecules. They are formed internally when our bodies carry out normal daily processes. They can also come from external factors, including a diet high in processed food, stress, exposure to environmental toxins, and a lack of exercise.



The world's most potent source of antioxidants

Including high-quality antioxidants every day is the best way to reduce oxidative stress. It helps to provide dual layer protection to your cells from external and internal free radicals.

Coffee

Dual Layer Protection For Your Cells

Blueberry Raspberry Almonds

Green

Walnuts Polyphenols

Polyphenols Help Slow Down Telomere Shortening Rate Up to 57%

Telomeres are the protective caps on the ends of our chromosomes that contain our DNA. As we age, our telomeres gradually shorten, and shorter telomeres are strongly correlated with various health issues. Slowing telomere shortening, therefore, may support a longer, healthier life.*

In a published study, adults who consumed polyphenol blends alongside other Shaklee supplements exhibited a remarkable 57% reduction in telomere shortening compared to a healthy control group.³ This suggests that these supplements may hold promise in promoting cellular health and potentially supporting a longer, more vibrant life.



A Lifetime of Proven Results

In published studies, people who used a broad array of Shaklee dietary supplements, including polyphenol blends, had:

36% ↓	$83\%\downarrow$
C-Reaction Protein Levels ^{‡1} A key marker of biological stress	Medication Usage ^{‡1} For people ages 60+
32%↓	31% 个
Triglyceride Levels ^{‡1}	HDL Levels ^{±1}
A type of fat (lipid) found in your blood	High-density lipoproteins, known as "good cholesterol"



Telomere-Shortening Rate²

Shorter telomeres are correlated with various health risks



Scan to Learn More About Polyphenol Blends

REFERENCES:

*This product is not intended to diagnose, treat, cure, or prevent any disease.

- †Shown in a clinical study to blunt the inflammatory response in healthy people to a high-fat, high-carbohydrate meal.
- [‡]Data for comparison groups obtained from NHANES 2007-2010. Long-term Shaklee users clearly demonstrated lower levels of the most important heart-health biomarkers recognized by the American Heart Association.
- Fisher, L., T. Ianiro, F. Lau, H. Wang and B. Daggy: Synergistic effects of phenolic mixtures in human cell models of aging. Experimental Biology 2015, Boston, Massachusetts, March 28-April 1, 2015. FASEB Journal 29:608.36, 2015.
- 2. Ghanim, H. et al. A resveratrol and polyphenol preparation suppresses oxidative and inflammatory stress response to a high-fat, high-carbohydrate meal. J Clin Endocrinol Metab 96(5):1409-1414, 2011.
- 3. Wang et al., Telomere Length of Multiple Dietary Supplement Users A Crosssectional Study in Comparison with Age-matched Controls. Journal of Food and Nutrition Sciences 2018; 6(5): 129-134.



Polyphenols For Your Cells

Rooted in Nature. Backed by Science.

