Pure, high quality resveratrol that you can trust.

# resveratrol re-imagined

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# Resveratrol has many potential benefits:



#### **Bone Health**

- Supports bone mineralization and formation
- Complements other bone supporting supplements



#### **Cognitive Function**

- Improves mood, well-being and pain perception
- Enhances ability to maintain memory, alertness and concentration



### Cardiovascular Health

- Supports blood circulation and healthy blood pressure
- Improves vascular system and maintains healthy cholesterol and lipid levels



### **Oral Health**

- Promotes gum and oral health due to anti-inflammation properties
- Prevents chronic bad breath based on selective anti-bacterial activity



### Skin Health

- Protects skin from oxidative stress and inflammation
- Improves skin elasticity and hydration, reduces the appearance of age spots and wrinkles



### Healthy Gut Microbiota

- Preserves healthy gut bacteria with selective anti-bacterial activity
- Helps soothe inflammation of the intestine



### Eye Health

- Promotes normal blood flow and oxygen delivery
- Helps protect retinal cells from the aging processes and environmental stressors like UV-light

## Blood Glucose Support

- Triggers cellular blood glucose (energy) uptake
- Supports healthy fasting and post-meal blood glucose level

## How does resveratrol work?

As our body combats daily stress or age, mitochondrial function can become slowly compromised leading to impairment in many bodily functions including blood pressure, attention and concentration, skin health, bone and joint health, and other areas. The latest research highlights that not only does resveratrol act as a very effective antioxidant, but it also exhibits a number of complementary functions on cellular and systemic levels, leading to an plethora of beneficial health effects. Ultimately, resveratrol can potentially help rejuvenate the mitochondria and counteract the negative effects of stress and aging.

## Complementary functions on cellular and systemic level

Antioxidant capacity Scavenges reactive oxygen species<sup>1</sup>

Activating AMPK Regulates glucose (energy) uptake<sup>2</sup>

## Activating SIRT1

Regulates stressors associated with longevity and healthy aging<sup>3</sup>

Vasoactive

Increases blood flow, delivering more oxygen and nutrients<sup>4,5</sup>

**AMPK:** Adenylate Monophosphate Kinase, activates proteins

**SIRT1:** Transcription factor, turns on the expression of genes

<sup>1</sup>Gulcin *et al.,* (2010) <sup>2</sup>Lan *et al.,* (2017) <sup>3</sup>Borra *et al.,* (2005) <sup>4</sup>Kennedy *et al.,* (2010) <sup>5</sup>Wong *et al.,* (2011)

# A key ingredient for healthy living

Resveratrol is a polyphenol that is naturally produced by grapes, blueberries and other plants as a defense mechanism against harsh growth conditions and pathogens. With more than 12,000 published studies and over 200 human clinical trials, resveratrol is considered one of the most well-investigated compounds applied in dietary supplements, food and beverages, cosmetics and animal health. This published research and clinical data suggests that resveratrol can be a key ingredient for healthy living.

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# Re-imagine product development with pure, high quality resveratrol.

Veri-te<sup>™</sup> resveratrol is produced using an innovative yeast fermentation process. This means our resveratrol is:

PURE: >98% pure *trans*-resveratrol SAFE: free of contaminants (e.g. pesticides, emodin & PAHs) RELIABLE: consistent batch to batch VERSATILE: off-white, odorless and neutral taste SCALABLE: large cGMP production capacity

### How can Veri-te resveratrol be used?

Our resveratrol can be formulated into multiple applications including:

- Capsules Tablets Liquid Shots SoftGels Instant Powder Beverages Functional Beverages Gel Sachets
- Film Strips Chocolates Chewing Gum Effervescent Tablets Creams Serums Make-up

# Tips for sourcing resveratrol:



**Innovative Technology:** from Switzerland and manufactured in Europe



**Sustainable:** made by fermentation, a natural process with good customer perception



**Reliable:** consistent quality & purity >98% *trans*-resveratrol



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**Approvals:** self-affirmed GRAS. EFSA novel food approval daily dose 500 mg not restricted to 150 mg



**Customer Focus:** Evolva is solution driven and customer focused



**Research:** Evolva supports clinical trials



Certified: Halal & Kosher



cGMP and HACCP: food safety conditions



Safe: Free from contaminants

- No emodin
- No harmful polycyclic aromatic hydrocarbons (PAHs)
- No pesticides, no herbicides
- No polychlorinated biphenyls (PCBs)
- No aflatoxins
- No dioxins nor furans
- No unwanted organic solvents (e.g. toluene, methanol, diisopropylamine (DIPA))
- No toxic heavy metals (e.g. Cadmium)
- Allergen free

# EVOLV

## About Evolva:

Evolva is a Swiss biotech company focused on the research, development and commercialization of products based on nature. We have leading businesses in Flavors and Fragrances, Health Ingredients and Health Protection. Evolva's employees, half of which are women, are dedicated to make the best products that can contribute to health, wellbeing and sensory enjoyment. Find out more at <u>www.evolva.com</u>.

## For more information:

We have sales offices in the US, Europe and distribution worldwide.\* Our technical team can advise on formulations and ideal combinations and our marketing team can help you plan your marketing strategy for Veri-te<sup>™</sup> resveratrol. We are happy to supply samples for evaluation.

Evolva's website: <u>www.evolva.com</u> Veri-te<sup>™</sup> resveratrol website: <u>www.veriteresveratrol.com</u> For all inquiries please email: <u>res@veriteresveratrol.com</u>

#### Connect with us:

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Or phone us on: Evolva (Europe/R.O.W.): +41.61.485.2000

#### \*Where approved

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