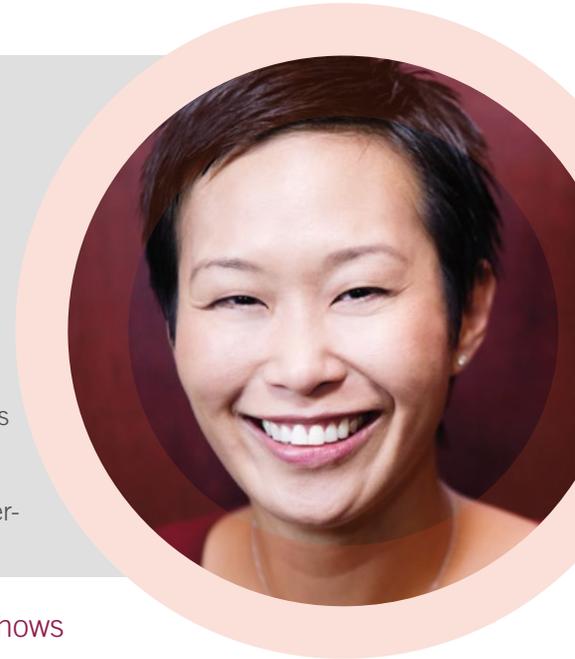


In the anti-aging market where proven effectiveness really counts, resveratrol offers a powerful and scientifically-backed ingredient that can help rejuvenate and energize skin.

Veri-te™ resveratrol is an ideal ingredient for use in 'Beauty from Within' products, topical creams and serum applications.

## Skin health, a matter of protection

Pollution as well as unhealthy habits (poor nutrition, sun-bathing and smoking) can contribute to the development of oxidative stress and damage our skin. This can cause age spots, wrinkles, and even chronic inflammation, giving skin a prematurely aged look.<sup>1</sup> Resveratrol's antioxidant and anti-inflammatory properties can contribute to the preservation of healthier and younger-looking skin.<sup>2</sup>



## Oral intake of resveratrol blend shows anti-aging effects in skin

Antioxidant properties of resveratrol and its effect on skin health has been the topic of many discussions.<sup>2</sup> A placebo controlled, double-blind study<sup>3</sup> showed that resveratrol:

- Significantly decreased systemic oxidative stress and increased plasmatic antioxidant capacity, and skin antioxidant power
- Improved skin moisturization and elasticity
- Diminished skin roughness and depth of wrinkles
- Significantly decreased intensity of age spots

50 individuals between 35 and 65 years, 60 days, blend containing 8 mg resveratrol and other ingredients

## Research indicates resveratrol may promote skin whitening

Resveratrol has several intra-cellular targets that mediate its biological effects.<sup>4</sup> Among these targets, resveratrol binds and inhibits the activity of tyrosinase, a key enzyme involved in melanogenesis.<sup>5</sup> A study<sup>6</sup> in an animal model analyzed the effects of topical resveratrol in UVB-induced pigmentation and indicated resveratrol:

- Inhibits melanin synthesis by inhibiting tyrosinase and other enzymes
- Significantly decreases pigmentation in skin
- Could be used to treat skin disorders such as hyperpigmentation and skin photo-aging e.g. age spots

## Resveratrol helps to reduce acne

As with other polyphenols, resveratrol has some mild antimicrobial properties. Unlike other polyphenols, resveratrol has been shown to be particularly active against several acne-forming strains.<sup>7B</sup> A single-blind, vehicle-controlled, pilot study<sup>9</sup> using a resveratrol-containing hydrogel for the treatment of acne vulgaris showed that resveratrol:

- Produced a 53.75% mean reduction in the Global Acne Grading System (GAGS) score
- Reduced the average area of microcomedones by 66.7% (little plugs, first sign of acne)

20 individuals affected by acne, 60 days, ~0.01% w/v - only right side of the face

## Study suggests the possible impact of resveratrol on psoriasis

Resveratrol's anti-inflammatory properties was recently the subject of a review paper.<sup>10</sup> A recent animal study<sup>11</sup> that analyzed the protective effects of resveratrol against induced psoriasis-like skin inflammation. The study<sup>11</sup> showed that resveratrol:

- Induced the expression of genes associated with retinoic acid stimulation and reduced expression of certain pro-inflammatory cytokine genes that are central in developing psoriasis
- Reduced skinfold thickening
- Improved erythema (red skin) and scaling scores

## References

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## Made Like No Other

Veri-te™ resveratrol is produced using an innovative and natural yeast fermentation process.

This means our resveratrol is:

**PURE:** >98% pure

**SAFE:** free of contaminants (such as Emodin & PAHs)

**RELIABLE:** consistent batch to batch

**VERSATILE:** off-white, odorless and colorless

## Our Products:

- > 98% pure food-grade for dietary supplements and foods and beverages
- Cosmetic-grade resveratrol with >99% purity
- API grade resveratrol product with DMF available. Sold as everesveratrol.

## Regulatory & Quality Status:

- EU Novel Foods approved and US self-affirmed GRAS
- Made under cGMP and HACCP based food safety conditions
- Halal and Kosher certified resveratrol available

Evolve is committed to supporting clinical trials and research studies to further understand the important benefits of resveratrol in human aging.

**Veri-te™**  
RESVERATROL



## About us

Veri-te™ resveratrol is produced by Evolve. Evolve was founded in 2004 and today has operations worldwide. Based on a strong research foundation, we focus on producing high-value ingredients for use in applications for health, wellness and nutrition. We have an R&D team of around 120 scientists working on the cutting edge of their field. Evolve is a pioneer and global leader in sustainable, fermentation-based approaches. Visit [www.evolve.com](http://www.evolve.com) to learn more.

## For more information:

We have sales offices in the US, Europe and Asia. Our technical team can advise on formulations and ideal combinations and our marketing team can help you plan your marketing strategy for Veri-te™ resveratrol. We are happy to supply samples for testing. We also have a webshop on our site where you can buy our products and order samples.

Evolve's website: [www.evolve.com](http://www.evolve.com)

Veri-te™ resveratrol website: [www.veriteresveratrol.com](http://www.veriteresveratrol.com)

For general inquiries and customer service inquiries please email: [res@veriteresveratrol.com](mailto:res@veriteresveratrol.com)

Connect with us:

Twitter: @Veri\_te

LinkedIn: [www.linkedin.com/company/veri-te-resveratrol](http://www.linkedin.com/company/veri-te-resveratrol)

Or phone us on:

Evolve (U.S.A./R.O.W.): +1.800.250.1032

Evolve (Europe/R.O.W.): +41.61.485.2099



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