In 2015, 30.3 million Americans lived with diabetes, while another 84.1 million were prediabetic.\(^1\) Indicating that about 40% of the U.S. adult population has either diabetes or prediabetes.

Resveratrol helps manage blood glucose and insulin resistance in subjects with type 2 diabetes mellitus

Two different meta-analyses pooled data from 9 and 11 studies respectively, arriving to similar conclusions.\(^2,3\) Resveratrol was found to significantly lower fasting glucose, insulin and insulin resistance in subjects with T2DM. Cardiovascular parameters as systolic and diastolic blood pressure were also improved. A subgroup analysis performed in the most recent meta-analysis concluded that studies using doses equal to or greater than 100 mg of resveratrol per day presented more favorable results. Interestingly, the earlier meta-analysis found that resveratrol does not affect glycemic measures in nondiabetic persons.

- 9 Studies, 283 individuals with T2DM, 4 weeks – 12 months (median 45 d.), 8 – 3000 mg daily (median 250 mg/d).
- 11 Studies, 388 individuals, 2 weeks – 6 months (median 12 w.), 8 – 2000 mg daily (median 100 mg/d).

Resveratrol has been shown to improve cardiovascular parameters on diabetics

A recent meta-analysis has pooled the data from 17 different trials and analyzed the effects of resveratrol on blood pressure, one of the most common complications in patients with T2DM.\(^4\) Subgroup analysis concluded that resveratrol significantly lowers systolic, arterial and pulse blood pressure in diabetic subjects. Moreover, resveratrol effects in blood pressure are also noticeable in a general population when used in a high daily dose (≥300 mg/day).

- 17 Studies, 681 individuals, 4 weeks – 6 months (median 12 w.), 75 – 3000 mg daily (median 300 mg/d).

Resveratrol helps in managing other diabetes-derived conditions

Studies have suggested that resveratrol may support eye health (including diabetic retinopathy),\(^5-7\) kidney health (incl. diabetic nephropathy),\(^6,8\) and brain health (including diabetic neuropathy).\(^9,11\) One of the most striking benefits of resveratrol for diabetics may be the management of diabetic foot ulcers. A recent clinical study carried out in subjects with diabetic foot syndrome found that a daily dose of 50 mg of resveratrol promoted the reduction of the foot ulcer size and reduced plasma fibrinogen levels.

- 24 individuals with diabetic foot syndrome, 60 days, Placebo or 50 mg resveratrol daily, foot ulcer size and other parameters.

Blood Glucose

Glucose homeostasis, a tightly regulated balance

The levels of glucose in blood (blood sugar) must be kept within a narrow range. Insulin and glucagon are the hormones allowing this regulation. Aging and other factors can cause the body to stop using insulin properly, leading to the rise of glucose levels and the development of type 2 diabetes mellitus (T2DM). Diabetes increases the chance of cardiovascular disease and damages the nerves, kidneys, eyes and feet, among other conditions, reducing dramatically the quality of life.

Blood Glucose

Glucose homeostasis, a tightly regulated balance

The levels of glucose in blood (blood sugar) must be kept within a narrow range. Insulin and glucagon are the hormones allowing this regulation. Aging and other factors can cause the body to stop using insulin properly, leading to the rise of glucose levels and the development of type 2 diabetes mellitus (T2DM). Diabetes increases the chance of cardiovascular disease and damages the nerves, kidneys, eyes and feet, among other conditions, reducing dramatically the quality of life.
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.

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

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

About us

Veri-te™ resveratrol is produced by Evolva. Evolva 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. Our scientists work on the cutting edge of their field. Evolva is a pioneer and global leader in sustainable, fermentation-based approaches. Visit [www.evolva.com](http://www.evolva.com) to learn more.

For more information:

We have sales offices in the US and Europe. 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.

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

For general inquiries and customer service inquiries please email: 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:
Evolva (U.S.A./R.O.W.): +1.800.250.1032
Evolva (Europe/R.O.W.): +41.61.485.2099