






Resveratrol, the so called miracle molecule, has shown in animal trials to have potential benefits in avoidance of the principal diseases of ageing, such as cardiovascular disease, diabetes and cancer. It also induces DNA repair, and activates the anti-aging gene Sirt 1, which promotes the growth of new mitochondria. No other drug or natural compound has been associated with all of these potential effects.

Consumer Lab approves Transmax and Bioforte. The world's leading independent supplement and over the counter medicine test organisation reported in November 2007 that Biotivia Transmax passed their rigorous evaluation and was shown to be the highest potency resveratrol product tested. Biotivia Bioforte also passed and was judged the best value per 100mg in resveratrol supplements and the second highest potency product after Biotivia Transmax.

Bio Quench ORAC value sets a new standard for super antioxidants. Brunswick Labs tested Bio Quench in April 2008. Brunswick is one of the premier Oxygen Radical Absorbance Capacity (ORAC) testing labs and one of the largest natural products test labs in the US. The actual ORAC rating of 13,580 micro moles per gram is one of the highest ever tested by the lab for an extract or food and is equivalent to the daily dose of 2 Bio Quench caps. As a point of comparison it would take over 500 quarts of pure pomegranate juice or over 150 times the same weight of blueberries to achieve the same antioxidant capacity.

Biotivia breaks the bioavailability barrier. In virtually all studies since 1994 on orally administered resveratrol the issue of bio availability of the compound has been highlighted as a major drawback to its effectiveness. The half life of standard resveratrol is less than 20 minutes in a person's blood stream. Increasing the molecule's bio availability therefore has a huge impact on the efficacy of resveratrol when taken as a supplement. The results of extensive product development by Biotivia confirmed by human trials clearly show a mean improvement of 1.88 times, to a maximum improvement of 2.27 times on Biotivia's Resveratrol compared to reference standard purified trans-resveratrol, as determined using the HPLC method of measurement.

	Product Name	Description	Volume	Retail Price
	BIO QUENCH <small>Patent Pending</small>	Super fruit Complex Extreme Antioxidant. Quenches free radicals.	60 caps	57.65
	Bioforte Resveratrol <small>Patent Pending</small>	The best value Resveratrol brand per Consumer Lab evaluation. Contains 250mg of Trans-Resveratrol and 250mg of other forms of Resveratrol.	60 caps	71.00
	TRANSMAX <small>Patent Pending</small>	500 mg of 99% Bio Enhanced Trans-Resveratrol. Highest potency and purity.	60 caps	132.05
	BIO SPAN+ <small>Patent Pending</small>	Advanced Longevity Formula with second Sirt Activator & Telomere protector.	60 caps	57.65
	Bioflu Vital <small>Patent Pending</small>	Elderberry, Siberian Ginseng, Star Anise standardized extracts.	50 caps	49.45

Questions and Answers:

What is the difference between Bioforte and Transmax? Based on studies done to date most of the benefits of resveratrol come from the Trans-resveratrol isomer. Our Bioforte product has 250mg of "trans-resveratrol". The remaining 250mg contains other forms of resveratrol including glucosides of resveratrol, polydatin, emodin and other beneficial compounds naturally found in the polygonum cuspidatum plant. That is why we call Bioforte our full spectrum resveratrol product. On the other hand, our Transmax product contains 500mg of purified "trans-resveratrol" so it is pure Trans-resveratrol or laboratory grade which is why it is used by scientists and universities when trying to isolate the effects of trans-resveratrol.

What is the proper dosage of resveratrol to take on a daily basis? Based upon the Dr. Sinclair study, which was published in the journal *Nature* in November 2006, the equivalent human dosage adjusted for body mass, metabolism and other factors is between 300mg and 400mg for a 75 kg person. Studies have shown resveratrol to be safe at dosages of 500mg per day and no evidence of toxicity has been found in any major resveratrol trial or study. Virtually all studies note that effects are dose dependent. Higher doses produce greater effects. Dosage is a very personal choice and depends on your weight, metabolism, individual body chemistry and your primary reasons for taking the product. If you are taking the product for a pre-existing condition then the dosage would be significantly higher than if you were taking resveratrol as part of a preventative regimen. As part of a preventative regimen the average adult (i.e. 70 kgs) should take 2 Bioforte or 1 Transmax per day. If however, you are treating a pre-existing condition many doctors would recommend a much higher dosage say at least 4 times the preventative dose or 4 Transmax a day.

When and how should I take the product? Resveratrol is not very water soluble and is much more easily dissolved in oily or fatty substances. Since our products are natural they can be taken on an empty stomach and will be absorbed more easily than if taken after a meal.

How should I store the products? Our products are very stable at room temperature but it will not hurt to refrigerate them. Either way they will last for at least 2 years on the shelf if not opened.

Why Bio Span + Bio Quench? Although resveratrol is the new longevity compound, it alone will not address your entire need for advanced nutrition; hence Bio Quench and Bio Span+ were developed.

- **Bio Quench** incorporates standardized extracts of the most potent super fruits in one capsule. Bio Quench contains more Goji Berry, Pomegranate, Mangosteen Exocarp, Alpha Lipoic Acid, Grape Seed extract and an astonishingly high ORAC patented Apple skin extract per capsule. Bio Quench contains more in one capsule than most products offering only one of each of these ingredients. In addition the daily dose provides more resveratrol than most stand alone resveratrol products, and the entire blend is bio availability enhanced. This not only makes Bio Quench an incredibly potent antioxidant but also an extremely economical and convenient way to obtain the best combination of super fruit extracts along with high potency, bio enhanced resveratrol.
- **Bio Span+** was designed to complement the life extension properties of resveratrol by adding concentrated polyphenols and the Sirt 1 Activator silymarin, along with curcumin, and the two critical astragalosides of astragalus which are believed by many scientists to have telomere protective properties. No other product currently being manufactured compares to Bio Span+ in its potential for enhancement of longevity.

Supplement Facts:

BIO SPAN+	
Serving Size: 2 capsules	
Capsules Per Container: 60	
Resveratrol (50%)	100mg
Resveratrol (98%)	100mg
Curcumin	300mg
Silymarin	200mg
Astragalus (20% polysaccharide)	150mg
Astragalus (0.3% astragaloside)	150mg
Other Ingredients: Includes all natural bio availability enhancing additive.	
Usage Instructions: Adults: Take 2 capsules each morning.	

Bioflu Vital	
Serving Size: 1 capsule	
Capsules Per Container: 50	
Chinese Star Anise Extract (94%)	100mg
Black Elderberry Extract (80% polyphenols)	100mg
Chinese Star Anise Seed Powder	200mg
Eleuthero (1%)	100mg
Usage Instructions: Users over 10 years to take 2 - 4 capsules each day with meals.	

BIO QUENCH	
Serving Size: 1 capsule	
Capsules Per Container: 60	
Trans-Resveratrol (75% extract)	100mg
Apple extract patented	100mg
Mangosteen extract	100mg
Grape seed extract	85mg
Goji berry extract	50mg
Pomegranate extract	50mg
ALA	15mg
Other Ingredients: Nitrogen gas to prevent oxidation of contents. No fillers, additives or animal by products. Suitable for vegetarians.	
Usage Instructions: For persons over the age of 10 years to take 1 or 2 capsules daily in the morning with food.	