

# **The Challenges of making an Effective Resveratrol Supplement**

**There are Three Key Obstacles that must be overcome in order to make an Effective Resveratrol Supplement:**

## **1. The Instability of Resveratrol**

Resveratrol is highly unstable and it readily oxidizes upon contact with air and by exposure to light and heat.

The acids of the stomach also destroy the integrity of the Resveratrol upon contact. As a result of this, by the time they reach the end-consumer and are taken into the body –All of the many Resveratrol supplements tested by SISEL were found on average to have lost up to 98% of their potency and effectiveness!

## **2. Resveratrol in supplement form must be taken in a very high concentration.**

Studies on Resveratrol indicate that in order to achieve the full health benefits you would need to consume 250 glasses of red wine a day! Therefore, for a Resveratrol supplement to be effective - it must have a very large amount of Resveratrol concentrated into the supplement. But doing this creates another problem.

## **3. Resveratrol in a supplement form is difficult for the body to absorb**

Resveratrol molecules are electrically attracted to each other and this causes them to bind up together in supplement formulations and form large molecular clusters that are much too big to be assimilated into the cells of the body.

These are the reasons why there has never been an Effective Resveratrol supplement available in the consumer marketplace. The scientists at SISEL International's World Class research and manufacturing facility in Springville, Utah have been able to determine that the only effective way to deliver Resveratrol in a High Potency state is in a liquid form.

Some companies offer a liquid form of Resveratrol that is made up by dissolving a powdered form of Resveratrol in water. But the process of making Resveratrol into a powder degrades the effectiveness of the Resveratrol and since Resveratrol is not water soluble, the net result is a powder that clumps at the bottom of the water solution since it is not able to

dissolve into solution. This process does not preserve the potency of the Resveratrol Molecule but rather it delivers a very highly degraded form of Resveratrol that has little or no benefits to the body.

SISEL's Founder Tom Mower expended 30 million dollars of his own money into the development of the first viable Resveratrol supplement Eternity which is being made using patented formulation processes that yield the most effective Resveratrol supplement offering the highest concentration of Resveratrol available from any supplement.

**¾ oz. of Sisel's Eternity provides the equivalent amount Resveratrol contained in 450 4 oz. glasses of red wine.**

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### **Protection from oxidative breakdown**

SISEL's exclusive manufacturing processes protect and shield the Resveratrol molecules from the oxidative breakdown that renders all of the other Resveratrol supplements virtually totally ineffective.

SISEL developed an exclusive process which micro-encapsulates the Resveratrol molecules to protect them from oxidation and this, along with SISEL's unique manufacturing process that uses nitrogen to keep air from reaching the Resveratrol prevents it from breaking down the Resveratrol.

These exclusive and patented manufacturing processes enable SISEL's Eternity to deliver the highest potency of Resveratrol that can be had from any Resveratrol supplement.

### **Nano-Sizing of the particles in solution insures the highest level of assimilation**

Eternity delivers the highest level of assimilation of Resveratrol into the cells of the body through another exclusive manufacturing process - Nano-sizing. This reduces the size of the Resveratrol particles in solution down to an extremely small size measurable in Angstroms- the smallest unit of measure in science.

Nano-sizing makes the Resveratrol particles in solution so minute that they are easily absorbed right through the tissues of the mouth - a process known to as trans-mucosal absorption.

Simply put - Nano-sizing enables a great amount of the of the Resveratrol in Eternity to be absorbed in the mouth, where it goes directly into the lymphatic system and becomes readily available to cells throughout the entire body.

No other Resveratrol supplement can deliver the high level of Bio-Availability of Resveratrol provided by Eternity through Nano-sizing. To get the most from Eternity

SISEL recommends taking it in one tiny sip at a time – and holding each sip in the mouth for a few moments - then slowly swallowing, followed by the next tiny sip, and so on.

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**More info on Resveratrol and why Eternity from Sisel International is destined to become one of the biggest selling nutritional products in history.**

Researchers have now stated from their studies and in their opinion, Resveratrol activity in capsules is virtually destroyed by the time a person uses it.

It really does not matter how much the capsule contains of Resveratrol. Because Resveratrol is such a sensitive and extremely reactive molecule, it cannot possibly survive without serious or complete degradation from the manufacturing systems used in powder encapsulation and there is not a practical way to stop it from happening:

**1. Heat Destroys Resveratrol Quickly!**

The high level of sustained heat used in making and sterilizing the powder formula decomposes Resveratrol almost immediately.

**2. Oxygen Destroys Resveratrol Instantly!**

Resveratrol oxidizes instantly in the air. Like cutting an apple or a potato in half and leaving it out in the air causes it to brown/discolor quickly is the result of oxidation from the air. While it happens with Resveratrol in just a second or two, Resveratrol is so highly reactive with oxygen. This oxidation rate is compared to being about as fast as lighting a match in gasoline fumes.

**3. Light Destroys Resveratrol Immediately!**

It acts almost as quickly as oxygen does too on Resveratrol. As the powder or the capsules tumbles around in the manufacturing process light decomposes Resveratrol much like a death ray.

These three reasons should make any Resveratrol capsule essentially worthless. Degraded Resveratrol is now a different form (chemical molecule) that does absolutely nothing in the human body.

Once in the human body any Resveratrol that might be present would be instantly attacked in the digestive system and most likely destroyed. If any active Resveratrol happened to get into the blood system the liver would destroy about 50% or more by changing it from the trans to the cis (inert) form. There are now studies showing absolutely no Resveratrol taken internally in a capsule made it into the blood system to the cells. It was totally undetectable. Researchers believe it was due to the aforementioned reasons.

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### **Here is what makes Eternity the highest quality Liquid Resveratrol formulation available.**

It is **extremely important** to note: almost all mammal studies, conducted with Resveratrol, were in the liquid state where it could be protected and maintain activity. SISEL uses essentially this same methodology to produce Resveratrol in Eternity i.e.

1. Processing is conducted in a sealed vessel where light does not penetrate.
2. No heat is used - which can destroy Resveratrol.
3. Eternity is blended in the tank and filled into bottles with a nitrogen purge, which expels all oxygen from the process.
4. Resveratrol is Nano sized and encased into Micelles spheres, which protects it from gastric, oxygen or light attack when added to the formula. Micelles transfer Resveratrol into the lymphatic system directly to the cells.
5. Anti-oxidizing polyphenols are in large quantities in the Eternity formulation to protect Resveratrol from light or oxygen if any entered the system or bottle.
6. The bottle Eternity is put into is made from a special ultra safe impervious plastic, which does not allow oxygen penetration while blocking specific damaging wavelengths from light.
7. The active Resveratrol content in Eternity is supported by the right amounts and correct balance of 3 critical ingredients (quercetin, catechins & polyphenols) research indicates are vital to empower Resveratrol to achieving its maximum potential and effectiveness in areas of substantial increases in levels of energy generation, repair of mitochondria, brain,

organs, muscles and tissues, life extension and youthful regeneration and extremely good health and vitality.

We strongly believe this essentially eliminates virtually all Resveratrol capsule products being sold in the marketplace from being an effective real competitor based upon their shortfalls. SISEL scientists and other independent researchers also believe it is because competitive products most likely do not have an effective, if any, meaningful levels of Resveratrol remaining in the capsule. Their Resveratrol content most likely has virtually all but been destroyed before it is ever used. To illustrate: even a capsule might have as much as 300-500 mg of Resveratrol added to it when formulated, it does not even slightly mean there is any left that is active and effective.

It is a wonder why would a person want to use a capsule/powder anyway since almost all research was done with liquid systems because the powder versions were not stable enough. If the consumer is made aware of this information, Eternity probably does not have a real competitor in this market. Only SISEL is able to make it a patent pending way to keep the actives active and to provide powerfully effective results. All this is made possible because SISEL is a massive R&D science based company in one of the world's largest, state of the art manufacturing operations specializing in high tech liquid Nutraceuticals.

Finally at only \$50 a month (the price of a can of soda pop a day) a person can have the fantastic potential of living to be as much as 125 years old or possibly adding decades to their lifespan, all while generating high levels of energy they never dreamed possible, sustaining incredibly good health & vitality for the rest of this very long life and staying slim and trim too.

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**From:** Aaron Rennert, Chief Performance Officer, SISEL International

We have talked about the anti-oxidant wars and their meaningless battles over who has the best super-fruit -WHO CARES!

Look at the glaring numbers from PubMed (National Institute of Health) regarding the studies on the various fruits/ingredients:

As of March 2013

**This listing shows the Numbers of Medical Studies found on the National Medical Library online at: <http://pubmed.gov> - for each of the below listed nutrients:**

Nutrient	Number of Studies
Noni	188
Mangosteen	195
Acai	119
Goji	114
Amalaki	14
Moringa	327
Fucoidan	1,045
Resveratrol	5,384

All of them added up do not amount to the Studies done on either Fucoidan or Resveratrol. When you dig a little deeper, you will find that many of the studies aren't studies at all as it pertains to health and efficacy.

Our research studies on Eternity shows that it is Nano-sized and Micellized (micelles), which goes right through the membranes, directly into the lymphatic system and then into the cell where it activates it! The research that was done on Resveratrol was in a liquid form, not powder. By going directly into the lymphatic system and bypassing the blood and liver, it goes right past all of the destructive processes.

The powder form must pass through the digestive system, liver, blood which will degrade the powder form, allowing very little, if any, of the Resveratrol to be absorbed. There are two types of Resveratrol, Trans and Cis. The scientists found that the powder form broke down sometimes as much as 90% and of the 10% that was bioavailable, once processed, it converted into 50% Trans and 50% Cis. This translates into 20 mg of a 200 mg powder serving of Resveratrol being bio-available and once processed and converted, having 10 mg of usable Trans-Resveratrol.

We are sitting on a Gold Mine with **Eternity** (and **FuCoyDon Intensified**) it is up to each of you to stake your claim!

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### **Eternity or Essential Eternity - Which one to use?**

#### **Eternity**

- The added Energy Blend helps promote Weight Loss
- Best for Diabetics
- Extra help in lowering Triglycerides

#### **Essential Eternity**

- Where weight is not a problem
- Also perfect for children
- An Effective Natural Way to treat ADD & ADHD

*Contact Info*

