



March 17, 2011

Dr. Wong's Letter: The New & Improved Zymessence® formula.

In January 2008, I was given the opportunity to develop what I thought would be the best animal based systemic enzyme blend on the market. This systemic enzyme blend became know as Zymessence® and it combined all the knowledge I had gathered from some of the best sources of systemic enzyme information in the world. When it was completed, in all my 10+ years experience with systemic enzymes, it was by far the best systemic enzyme blend I had ever worked with or seen. It had higher active enzyme levels and a superior enteric matrix instead of just an enteric coating to help protect the enzymes activity. With Zymessence®, I was able to go from 40+ enzyme tablets/capsules a day to a mere 3 to 4. But, in November 2010, our manufacturer invited us to a meeting where we were told that they were closing their plant so they could retire. With just a 2-day notice, we were left in shock. Adding to that the fact that the FDA is clamping down on the availability of cow-based pancreatin to the point where even the makers of injectable insulin are having to use pig pancreas to extract both insulin and pancreatin from and we were really reeling. With bovine pancreatin availability inconsistent, for a regularly made product it was now non-sustainable. We were left wondering: Well, what are we going to do now?

Here's my philosophy: When the world gives you lemons make lemonade.

So began the search to make Zymessence® even better. If we have to change manufacturers and change our source of pancreatin why not look at integrating some customer requests also!

First, we set about finding another high-grade manufacturer and studying some new pharmaceutical-industry technology that our new formulator introduced us to.

When looking at what the new technology, (new to the nutraceutical world that is), would allow us to do; which was to make the enteric matrix in Zymessence® with much less material than using the old pharmacology methods of enteric protection we immediately thought of two things:

1) It created the perfect situation where we could manufacture Zymessence® into a capsule; thus making it smaller and easier to swallow. (Some folks have commented that they have to crush the caplet into a powder in order to take it. Crushing Zymessence®, by the way, did not bother its enteric protection).

And:

2) The extra space not occupied by the starches and stuff needed for the old enteric matrix material could now be used to add more enzymes to the formula.

Here's what you'll notice about the New & Improved Zymessence® formula:

1) It is substantially stronger. In my experience, the original Zymessence® was the world's most potent systemic enzyme bar none. Period! The New & Improved Zymessence® has even more enzymes than the original formula - by a lot! Based on my personal use, in terms of fighting inflammation the new formula is some 50% stronger than the original formula. And when it comes to eating away at fibrosis, (fibrinolysis), the new Zymessence® is several thousand times stronger! Some folks won't need to take the previous recommended maintenance dose of 3 caplets per day. As with any systemic enzyme product, dosing during a period of trauma, acute inflammation or flare up of a condition may require 3 or more of the new Zymessence® per day. But in general, we're going to recommend customers take just 2 or 3 of the new and improved Zymessence® formula daily. And, since animal based pancreatin systemic enzyme blends last in the body some 24 to 36 hours when compared to the vegetable and fungal based imitations of pancreatin which stay working only some 4 to 6 hours, one Zymessence® a day may be sufficient for those with low to moderate inflammation levels or moderate fibrosis issues.

2) You'll still see some starches in the formula. Any good systemic enzyme blend will have these essential components.

3) The new enteric coating material, Carbomer Homopolymer Type A USP/NF, is a physiologically inert substance used for years in standard pharmacology. As for safety: its safety has been proven in pharmacological use worldwide. It is approved and shown safe by FDA and health ministries worldwide for use as an enteric coating and enteric matrix agent. It's so non-toxic that someone would have to eat several bowls full of the material every day for several months just to get to the point of feeling even a little bad from the stuff. Eat several bowls a day of anything for several months and you'll feel bad! This stuff forms a protective layer round whatever you apply it to while in an acid medium, just as an enteric protection is supposed to do. For those of you new to enzymes, enteric protection keeps stomach acid from inactivating the enzymes as enzymes operate in pH ranges of about 6.5 (mild acid) to 8+ (alkaline). Once in an alkaline medium, (like your small intestine), the enteric matrix material dissolves and leaves the body through the bowel without having any physiological effects anywhere or absorption what so ever. There is no accumulation of the substance in the body. And, it does all this magic with just a fraction of the material it used to take to create an enteric protected product assuring the activity of the enzymes when you take them. Neat!

So here in the new and improved Zymessence® we have substantially greater enzyme activity than we had before, in a smaller easier to swallow package with the same or superior level of enteric matrix protection at almost the same price.