

Prodovite Ingredients

Ingredients That Make Prodovite So Unique?

Absorption is NOT the only important factor when considering a supplement. ‘Absorption’ is a loosely and widely used ‘buzz word’ that is difficult to prove, which is why it is so easily and widely used, and therefore almost meaningless. Moreover, we could make cardboard more absorbable, but that wouldn’t make it provide valuable health benefits to the body. The most important first step to making a great ‘Multinutrient’ product is selecting the best ingredients. The second step is then ensuring maximum absorption and utilization. Premium quality ingredients that get absorbed and utilized result in superior product benefits and the best value to health. So, ingredient selection is still the most important first step towards making a great product.

Prodovite is a proprietary VMP35 Multinutrient complex made with premium quality Vitamins, Minerals, and Proprietary Phytonutrients encapsulated in our proprietary SK713 SLP Intellisome™† technology. The forms of the nutrients and how they are delivered into the tissues (achieving maximum ‘absorption’) are crucial to achieving beneficial effects. The Intellisome technology encapsulates the ingredients in many layers of ‘body friendly vehicles’ (known as ‘capsules’, ‘envelopes’, or ‘spheres’) to transport nutrients across the membranes of the GI tract (mouth to intestines) and into the blood where they are then transported to target tissues in the body.†*

In addition to the USP vitamins, Prodovite contains valuable minerals. Macro minerals (minerals needed by the body in larger quantities) are chelated (or ‘bonded’) to other ‘body friendly’ carrier molecules (i.e. ‘citrate’ or ‘lactate’...called ‘ligands’) that are more easily metabolized and used by the body.†* Both Macro- and Micro-minerals (minerals needed at much lower levels) are encapsulated in the Intellisome spheres, which rapidly deliver them through the digestive membranes into the blood stream for consistent dispersal into the body. Minerals in standard supplements rarely achieve (if at all) such rapid access into the blood.

Prodovite contains Phytosil™, a proprietary AFG110 Phytonutrient blend of herbal and other botanical extracts to enhance health and wellness.†* The botanical extracts in the Phytosil AFG110 Blend are a 1:1 potency strength.** That means we use 1 part herb to just 1 part water for the extraction process. This is an almost non-existent practice in the industry and gives us an incredibly powerful product. This extract ratio is an important contributor to beneficial effects of Prodovite, adding another feature that contributes to making Prodovite a unique supplement without equal.

The Ingredients in Phytosil™**:

Astragalus (Root) Extract:

Astragalus is an ‘adaptogen’, meaning that it has a normalizing effect and improves the ability of an organism to adapt to environmental factors. Adaptogens interact with ‘stress response mediators’ involved in the regulation of homeostasis (maintain metabolic balance [or equilibrium]) for energy metabolism, the neuroendocrine system, and the immune system. As such, Astragalus is thought to help protect the body against various stresses, including physical, mental, and/or emotional stress, and promote better immune competence. †*

Fo Ti (Root) Extract:

Fo Ti is believed to possess anti-aging/longevity promoting benefits. Research suggests that Fo Ti contains an alkaloid with rejuvenating effects on the nerves, brain cells and endocrine glands. It supports and promotes competent adrenal function and helps to detoxify the body. It is also reported to boost the immune function and increase sexual vigor. It is used in Traditional Chinese Medicine as a liver and kidney “tonic”; a blood and “vital essence” toner; and to fortify muscles, tendons and bones. †*

Decaf Green Tea (Leaf) Extract [GTE]:

Green tea has powerful antioxidant properties owing to its potent content of polyphenols, especially EGCG. These polyphenols are beneficial bioflavonoids that help increase the strength of the body’s connective tissues. This helps to reduce tissue fragility, providing increased protection against the initiation of inflammatory events.†* GTE is reported to possess about 20 times more antioxidant power than vitamin C. The decaf form that we use removes the stimulating effects of caffeine.

Chamomile (Flower) Extract:

It is used to improve muscle tone and reduce the potential for spasms. As it contains bioflavonoids, it also improves connective tissue strength, reducing the need to initiate inflammatory events, especially those related to the digestive system; supports a calming and stress relieving effect; and supports restful restorative sleep. †*

Citrus Bioflavonoids (from Rose Hips) [CBF]:

Rose hips are a potent natural source of CBFs. Aside from their roles as color pigments in plants, CBFs are best known as tissue builders and antioxidants. CBFs were originally called Vitamin P, supposedly because they improved membrane health and ‘permeability’. CBFs help reduce the need to initiate inflammatory events following tissue insult because they strengthen connective tissues. They also appear to reduce the fragility and susceptibility of connective tissue to injury from insulting airborne (inhaled), topical contact, and orally ingested allergens. †*

Eleuthero (Root) Extract:

Being safer than caffeine, Eleuthero root extract helps reduce fatigue and enhance endurance, while also supporting calming effects. In addition, it supports energy and stamina, and strengthens the immune system. It is also reported to enhance focus and support liver function.

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Hawthorn Berry Extract:

While not being renowned for this feature, Hawthorn berry is a beneficial source of flavonoids, especially OPCs. Its active ingredients include tannins, flavonoids (such as vitexin, rutin, quercetin, and hyperoside), oligomeric proanthocyanidins (OPCs, such as epicatechin, procyanidin, and particularly procyanidin B-2), flavone-C, triterpene acids (such as ursolic acid, oleanolic acid, and crataegolic acid), and phenolic acids (such as caffeic acid, chlorogenic acid, and related phenolcarboxylic acids). Hawthorne berry supports digestion and cardiovascular function. It helps to improve fatigue; normal heart beat rhythms; exercise performance, tolerance, and breathing; and the strength with which the heart ejects blood into the arteries. †*

Gotu Kola (Whole Herb):

Not to be confused with the stimulant Kola nut, in both Traditional Chinese Medicine and Traditional Indian Medicine (Ayurvedic Medicine), Gotu kola is one of the chief herbs for revitalizing the nerves and brain cells. The plant has been referred to as "food for the brain". This oriental herb has been shown to promote tranquility, stress relief, as well as improve mental functions such as focus, concentration and memory. It is believed to fortify the immune system, both cleansing and feeding it, and to strengthen the adrenals. The herb's calming properties help support restful sleep and calming one for yoga and meditative practices. It is commonly used to rebuild energy reserves, improve memory, and reduce fatigue, both mental and physical.†* Gotu kola contains valuable glycosides and is a source of Vitamin K, magnesium, calcium and sodium.

Ginger Root Extract:

Ginger helps to reduce the need to initiate inflammatory events by strengthening connective tissues, reducing fragility and susceptibility. It is ideal for boosting circulation, supporting blood pressure already within the normal range, and maintaining the proper thickness (viscosity) and fluidity of the blood. Ginger also helps support immune function. Ginger root is a medicinal herb used primarily to promote digestive comfort and reduce various types of discomfort after eating. It also supports controlled and voluntary muscle strength and stability. †*

Elderberry (Berry) Extract:

Elderberries are a rich source of natural phytochemicals called flavonoids, which, when introduced into the body in foods, are called 'bioflavonoids'. Flavonoids are also known as Vitamin P for 'permeability factor'. That means they promote the strength, integrity, and permeability of all connective tissues, particularly the cell membranes. By strengthening tissues,

flavonoids reduce tissue fragility and susceptibility to damage from various types of insults, including antigens/allergens and trauma. As such, they reduce the need to initiate inflammatory events, maintaining cellular health. Elderberry extract helps boost immune function, reducing the need for water retention and congestion. The flavonoids in Elderberry extract also provide antioxidant benefits and help support the body's fight against viruses. Elderberry also helps support respiratory health. Laboratory studies have shown that elderberry helps maintain the healthy structure and function of the sinus membranes and reduces excessive sinus mucus secretion. †*

Lignaloe™:**

Many months of exhaustive research resulted in the formulation of Lignaloe™, a very special Proprietary GN14 Phytonutrient blend consisting of:

BiAloe®

BiAloe®††: Aloe vera has been renowned for centuries as a healing plant.†* The leaf of the Aloe vera is purported to be filled with a gel containing at least 75 nutrients, 20 minerals, 12 vitamins, 18 amino acids, and 200 active enzymes. The super-beneficial active ingredient in Aloe vera is acemannan. However, the natural chemical constituents of Aloe vera can be categorized in the following main areas: Amino acids, anthraquinones (mostly in the leaf itself), enzymes, lignins, minerals, mono- and polysaccharides, salicylic acid, saponins, sterols, and vitamins...it is pretty great stuff! This feature, by the way, is why the unique water extraction process is so very important to preserve and protect the maximum synergistic benefits all the natural components in the leaf gel.

BiAloe is a very special DSR0114 Water-Extracted Freeze Dried Certified Organic Aloe Vera Gel Powder. To achieve the best extract, BiAloe starts with unique (Organic) planting, harvesting, and proprietary processing methods. This results in an Aloe vera powder that is up to 10 times more potent than any commercially available Aloe vera. BiAloe® has the highest total Acemannan, the highest immunomodulatory Acemannan and the highest bio-available Acemannan. While it is one of the most expensive Aloes made, it is the most cost effective to use since it is up to 10 times more potent (and more complete) than other Aloe vera products. 87% of the Acemannan in BiAloe is from 5 Kda to 400 Kda (kilodaltons), which is the Immunomodulatory range. Scientific evidence indicates this range is ideal for Acemannan to be more bioavailable and bioactive. Other aloe products contain mostly high molecular weight Acemannan, and/or do not have the complete range of Acemannans, which are very important to the efficacy of the Aloe.

In keeping with our Quality Control standards, Symbiotic MB chose Lorand Labs as the Aloe supplier because it is the only company that routinely tests for Acemannan (Poly-Acetyl-Mannose) and reports the results. Some of the other Aloe suppliers feature carbohydrate levels, and others total polysaccharide content. But, precious few define the details of their product's content...most don't know. Our investigation determined that all of this rhetoric is designed to confuse investigators. If everyone talks about their products in different terms it is virtually impossible to compare apples to apples. Acemannan is the most important active ingredient

whose beneficial effects are synergistically amplified in the presence of all the other naturally occurring wholly preserved Components in BiAloe. Acemannan is a sub-group of Poly-Mannosides, which is a sub-group of Polysaccharides; which is a sub-group of Carbohydrates.

We also reviewed head-to-head comparisons of the different popular aloe products, and confirmed our decision that BiAloe is the best product.

Proligna®†:

Proligna is a Water-Extracted Freeze Dried LPC108 *Pinus sylvestris* strobilus (Scotch Pine Cone [SPC]) extract supported by 14 patents. Proligna® is the result of at least 30 peer-reviewed studies demonstrating its effectiveness. Proligna extract was shown to increase the number of immune (Dendritic) cells up to 9 fold in less than 2 weeks. Dendritic cells determine the presence of pathogenic antigens (molecular ‘bad guys’) and then educate the rest of the Immune system to their presence so they can be destroyed. More precisely, dendritic cells present antigens to macrophages (immune cells known as ‘Big Eaters’) for destruction. Hence, dendritic cells are called ‘Antigen Presenting Cells’ [APC]. Antigens are harmful molecules foreign to the body that generally cause a health problem (a type of ‘pathogen’). Dendritic Cells have the broadest range of antigen presentation, and are probably the most important APCs. Restoration of dendritic cells helps to bolster immune competence.†*

Without dendritic Immune cells, the Immune system cannot tell the difference between friend or foe, and often ends up attacking the host body and not the ‘pathogens’. With higher levels of dendritic Immune cells, the Immune system is much more efficient in identifying true pathogens. Dendritic cells enable more effective immune attacks on harmful anaerobes (i.e. yeast, parasites, microbes, viruses, etc.). Proligna is also a rich source of lignins and saccharides. Research indicates that conjoining lignins with polysaccharides increases immune potentiating activities.†*

Symbiotic MB has invested in extensive scientific and technical due diligence to qualify ingredient selection. Then, rigorous quality control and analytical testing procedures are performed on every batch to ensure consistent and continued compliance with compositional quality standards.

Many of these ingredients individually have a significant amount of research demonstrating impressive health benefits. Collectively, these ingredients are the subject of Symbiotic MB’s proprietary research.