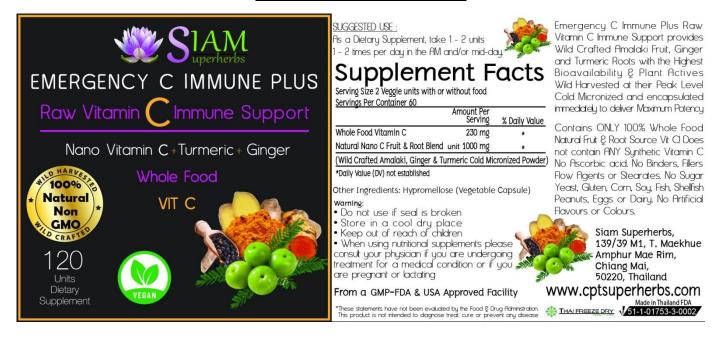


Nano Vit C



What does vitamin C + Turmeric + Ginger do?

It combines to make up

Nano Vit C

Amalaki + Turmeric + Ginger all Dynamic Freeze Dried to provide a powerful

Formulation to Super Boost your Immune System

Vitamin C is an antioxidant with anti-inflammatory properties. It addresses post-inflammatory hyperpigmentation, helps your skin defend itself against the stresses of your environment and naturally brightens your complexion. Turmeric is both an antioxidant and anti-inflammatory. Both ginger and turmeric have been studied for their ability to provide relief from chronic pain.

FOR ESSENTIAL IMMUNE SUPPORT Nano Vit C + Curcumin + Ginger provide the essential daily support you are looking for. Each capsule provides a perfectly balanced daily dosage of essential vitamins and nutrients, including Vitamin C, Turmeric Curcumin, Bioflavonoids, Zinc, Vitamin B6, Vitamin B12, and Black Pepper.

WHY TAKE VITAMIN C? – One of Vitamin C's most important functions is that it contributes to the maintenance of normal immune system. It helps in collagen formation for the normal function of bones, skin, teeth and gums. Furthermore, it contributes to reduction of tiredness and fatigue as it increases iron absorption to help carry oxygen throughout the body. Claims as substantiated by EFSA

Research shows that Bioflavonoids is a greatly beneficial to Human Health, bioflavonoids are a class of phytochemicals that occur naturally in most fruits, vegetables and herbs. You can also find them in tea, wine and chocolate, as well as some beans and seeds. Generally, the more colourful a fruit or vegetable is, the more flavonoids it contains

Curcumin is a potent antioxidant that can neutralize free radicals due to its chemical structure. In addition, Curcumin boosts the activity of your body's own antioxidant enzymes.

Vitamin C + Turmeric + Ginger capsules are a convenient supplement for immune support. Turmeric has been used for both its culinary & medicinal properties in Ayurvedic and Chinese traditional recipes for hundreds of years. This blend of Vitamin C + Turmeric + Ginger makes a potent natural combination for immune boosting and anti-inflammatory modulation.

- **Turmeric**, the star ingredient is fast becoming a universal medicine. It is a potent antiinflammatory, anti-cancer, antioxidant and immune booster, famous for treating colds, flu,
 arthritis and pain. It is a brain tonic known to improve concentration, slow down Alzheimer's and
 treats depression. Turmeric also reduces cholesterol, improves liver function and is a natural
 antibiotic.
- **Black Pepper** is a natural fruit in the nutrient-rich soil regions of southern India. It is proven that absorption of Curcumin is modest, but can be increased by up to 2000% when coadministered with Black Pepper (our Turmeric contains black pepper)
- Ginger is among the healthiest (and most delicious) spices on the planet. It is loaded with nutrients and bioactive compounds that have powerful benefits for your body and brain. Here are 12 health benefits of Ginger that are supported by scientific research.
 - Ginger Contains Gingerol, a Substance with Powerful Medicinal Properties.
 Ginger Can Treat Many Forms of Nausea, Especially Morning Sickness.
 Ginger May Reduce Muscle Pain and Soreness
 Ginger May Drastically Lower Blood
 Sugars and Improve Heart Disease Risk Factors
 The Anti-Inflammatory Effects
 Can Help With Osteoarthritis
 Ginger Can Help Treat Chronic Indigestion
 Ginger Powder May Significantly Reduce Menstrual Pain
 Ginger May Lower
 Cholesterol Levels
 Ginger Contains a Substance That May Help Prevent Cancer
 Shogaols
 Ginger May Improve Brain Function and Protect Against
 Alzheimer's Disease
 The Active Ingredient in Ginger Can Help Fight

Infections. 12. Ginger Fights Migraines

From Ocean Robbins, Food Revolution Network CEO:

If you want to take advantage of the healing and anti-inflammatory power of ginger, here's a resource you might want to know about. Combine Ginger with Curcumin, (Turmeric) with added Black Pepper (this provides a delivery mechanism that's been found to increase bioavailability by up to 185 times.) CPT Superherbs Turmeric already contains added Black Pepper

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Contents are Amalaki Fruit – 92%, Turmeric – 5% and Papaya Leaf – 3%

A brief on Amalaki, the major ingredient

Amalaki (*Phyllanthus emblica*) fruit is a fantastic dietary supplement for enhanced performance in combination with Turmeric and Ginger specifically in terms of its rejuvenation powers and cleansing functions. Amalaki (Amla) is the most important botanical in the Ayurveda medical tradition which is the oldest medical system still practiced extensively today. Within Ayurveda, Amalaki

(Amla) is known as "The Great Rejuvenator."

To assure the highest Quality and Bio-Activity we use Cellular Preservation Technology (CPT) to provide **The Worlds Purest**, **Full Spectrum Super Food Powders**.

Health Benefits

Highest concentration of Vitamin C of any plant in nature

- Cleanses, enriches and re-vitalizes the blood
- Rebuild and maintain new tissues
- Stimulate brain function
- Protect against heart and nervous system disorders
- Strengthen bone and teeth, capillaries and the eyes
- Complementary in anti-aging effects
- Strengthen bone and teeth
- Blood sugar regulation
- Dispels nausea and vomiting

Interesting Facts

- One of the strongest actions of Amalaki (amla) is its ability to cleanse and detoxify the entire elimination system including colon, intestines, kidneys, liver and bladder.
- Yogic masters have used Amalaki (amla) for 5000 years to cleanse and detoxify their bodies in preparation for deep meditation and the intense physical demands that yoga requires.
- "Ayurveda" means the "Knowledge of Life" or the "Science of Life." Ayurvedic medical texts go back 3,500 years, but its principles have been practiced for 5000 years. When Buddha travelled throughout Asia, he was accompanied by his Ayurvedic physicians who spread their



knowledge of herbs and meridians which became the foundation for Chinese Medicine Amalaki (Amla) is one of the most important in Ayurveda teachings.

In Sanskrit Amalaki (Amla), translates as "**The Nurse**" or "**The Sustainer**." At the heart of Ayurveda is the study of the transference of matter to energy and energy to matter (similar to "Chi" in Chinese Medicine, "Prana" in Indian Medicine, or "Life Force.") Aberrations in this transference result in malfunctions.

Amalaki (Amla) has the highest concentration of Vitamin C of any plant in nature. Amalaki / Amla juice has **twenty times the vitamin C** as orange juice. Its vitamin C is protected by Tannins which make it less subject to oxidation, and naturally occurring vitamin C is estimated to be ten times as effective as synthetic vitamin C.

Tannins (or **tannoids**) are a class of astringent, polyphenol biomolecules that bind to and precipitate proteins and various other organic compounds including amino acids and alkaloids.

Traditional Uses: Amalaki (Amla) has been used in India as a traditional remedy to treat the blood, bones, liver and the heart. Ayurveda attributes Amalaki (Amla) with the ability to help rebuild and maintain new tissues and improve red blood cell count. Like other Adaptogens it has a wide range of properties. It is used to stimulate brain function, assist the body in elimination disorders (used for both constipation and diarrhoea), connective tissue disorders, and to protect against heart and nervous system disorders, blood sugar regulation, and strengthen bone and teeth, capillaries and the eyes. Initial research suggests that Amalaki (Amla) may help to inhibit atherosclerosis, carcinogenesis, degeneration from Alzheimer's, dispels nausea and vomiting, throat congestion and respiratory problems.



Ayurveda ("the Knowledge of Life") is one of the oldest medicinal traditions practiced continuously for over five thousand years. As Buddha traveled through China with his physicians Ayurveda became a pillar of Chinese medicine. Within Ayurveda, Amalaki is the "Great Rejuvenator." In Sanskrit the word for Amalaki translates as "the nurse."

VITAMIN C: Amalaki is the highest natural source of vitamin C, with 3000 mg per fruit. Amalaki juice contains approximately 20 times more vitamin C than orange juice. This extraordinarily high vitamin C content provides Amalaki with strong antioxidant properties among the other known health benefits of vitamin C. The vitamin C in Amalaki is protected from oxidation from heat by tannins which protect and preserve its vitamin C. Naturally occurring vitamin C is more bioavailable and substantially more effective than synthetic vitamin C.

ANTI-AGING: Amalaki is most famous as an anti-aging and rejuvinative botanical. It is the most important of the "rasayana" herbs which improve the blood and thereby promote the health of all the tissues of the body. This, in combination with the cleansing and balancing effects of Amalaki described below make it a powerful anti-aging botanical.

DETOX: Amalaki cleanses your entire elimination system including intestines and colon, liver, kidney and bladder. According to Ayurveda (and other medical systems) the colon is the "mother of all disease." When waste products are not properly eliminated, the body gets sick. The accumulated waste products (toxins) interfere with the natural functioning of our body and prevent optimum functioning of our physical systems, "when the sinus is congested, clean the colon, this is the plug at the bottom of the pond." Throughout India and Asia Amalaki is widely used to clear sinus, throat, and lung conditions. Masters of Yoga have used Amalaki for thousands of years to cleanse their system in preparation for deep meditation.

BALANCE: In Ayurveda self-healing is achieved through conscious creation of balance (Homeostasis). Ayurveda describes the transference of energy into matter and matter into energy. Aberrations in this energy transference create malfunctions in the cells. The remedy is not in the chemistry per se, but in the creation of balance. In fact, when the body is balanced (as in meditation) our metabolism slows down (as measured by oxygen consumption), cardiac output (work load on your heart) drops, while blood circulation increases at the same time. Lactic acid levels (a measurement of stress) decrease. In balance, the entire function of our physiology becomes optimized and super-efficient. The essence of healing is embodied in Adaptogens, of which Amalaki is one of the most potent on the planet.

AYURVEDIC COSMETICS: are made from natural sources such as herbs and botanicals in response to modern consumers' interest in chemical- free natural alternatives. Natural beauty products combined with healthy eating and lifestyle result in beauty from the inside out. Amalaki is a rich dietary source of amino acids, phenolic compounds, and antioxidants. It also provides antioxidant protection for the skin which makes Amalaki extremely helpful in promoting skin health and beauty.

COLLAGEN SYNTHESIS: Recent studies have shown that Amalaki (the richest source of vitamin C in the plant kingdom) helps to control collagen metabolism.

Vitamin C plays the most important role in collagen synthesis because it is a component of the first step of collagen synthesis, the creation of procollagen which provides the chemical building blocks for the production of a dozen different types of collagen and connective tissue. Keep in mind that you do not have the ability to make your own vitamin C and so must get it from foods, supplementation and topical application. Vitamin C is fat-soluble and penetrates the skin rapidly.

Collagen is a life-sustaining structural protein that provides strength and elasticity to your tissues, skin, and organs.

Skin protein collagen is particularly susceptible to free radical damage especially in our face and neck which are chronically exposed to sunlight. When collagen protein molecules break down due to free radical damage they may link back up again in a different way; this is known as "cross-linking" which causes the normally mobile collagen to become stiff and less mobile.

Collagen production declines naturally due to aging and in response to nutritional deficiencies and exposure to toxins. If your collagen production declines or if your skin protein collagen is damaged as a result of free radical activity surface wrinkles, laxity, uneven pigmentation, brown spots, and a leathery appearance may result.

Vitamin C does more than assist in collagen synthesis. It is also a highly effective antioxidant; this makes Amalaki extremely helpful in promoting skin health and beauty.

In addition to the incredible health benefits of Amalaki as a dietary supplement, it is a highly desirable component in our natural cosmetic Siam Superherbs formulation.

SKIN LIGHTENING: As a skin lightening agent, amalaki shows significant reduction in UV-Induced pigmentation, due to its quenching effect on free radicals that form on the skin. It has also been shown to lighten naturally pigmented skin. Independent clinical studies for skin lightening demonstrate that the skin of Hispanic and Asian subjects showed a visible lightening of the skin.

The anti-aging effects, dramatically described in ancient Ayurvedic texts, are validated by modern science which shows Amalaki to be very useful in natural skin care.

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First of all, the naysayers are too late. **Vitamin C** is already being used to prevent and treat COVID-19 in China and in Korea. And it is working.

"On the afternoon of February 20, 2020, another 4 patients with severe coronavirus <u>pneumonia</u> recovered from the C10 West Ward of Tongji Hospital. In the past 8 patients have been discharged from hospital. . . [H]igh-dose vitamin C achieved good results in clinical applications. We believe that for patients with severe neonatal pneumonia, and for

critically ill patients, vitamin C treatment should be initiated as soon as possible after admission. Numerous studies have shown that the dose of vitamin C has a lot to do with the effect of treatment. High-dose vitamin C can not only improve antiviral levels, but more importantly, can prevent and treat acute lung injury (ALI) and acute respiratory distress

"At my hospital in Daegu, South Korea, all inpatients and all staff members have been using vitamin C orally since last week. Some people this week had a mild fever, headaches and coughs, and those who had symptoms got 30,000 mg intravenous vitamin C. Some people got better after about two days, and most had symptoms go away after one injection."

"We need to broadcast a message worldwide very quickly: Vitamin C (small or large dose) does no harm to people and is the one of the few, if not the only, agent that has a chance to prevent us from getting, and can treat, COVID-19 infection. When can we, medical doctors and scientists, put patients' lives first?"

News media attacks on vitamin C are centered on false allegations of dangers with megadoses. This tactic lets the media ignore the truth that even LOW doses of vitamin C reduce symptoms

and death rates. Do not let the media spin this issue. Advocates of vitamin C are medical doctors, not spin doctors. They are experienced, credentialed clinicians who have read the science, a small sample of which follows:

Even small supplemental amounts of vitamin C can keep severely ill patients from dying. [Hunt C et al. *Int J Vitam Nutr Res* 1994;64:212-19.]

Infants with viral pneumonia treated with vitamin C had reduced mortality. [Ren Shiguang et al. *Hebei Medicine* 1978,4:1-3]

Moderate doses of vitamin C shortened ICU stay by 97% in a subgroup of 1,766 patients [Hemilä H, Chalker E. *Nutrients*. 2019 Mar 27;11:4.]

200 mg of vitamin C reduced duration of severe pneumonia in children. Oxygen saturation was improved in less than one day.

[Khan IM et al. J Rawalpindi Med Coll (JRMC); 2014;18(1):55-57]

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The Technology - Cellular Preservation Technology (CPT)

Cellular Preservation Technology or CPT is a proprietary technology which utilizes a modified form of freeze drying.

Freeze Drying has been used for centuries however the common industry standard freeze dry method typically uses traditional 'static' freeze drying with a further process of mechanical grinding.

Image 1 - Traditional Vs Cellular Preservation Technology (CPT)

Traditional freeze drying

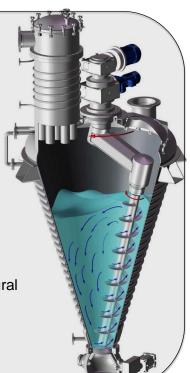


- multi-step process; bacteria and mould growth risk.
- static materials sitting on trays; 10-20% residual moisture
- product ground into a powder; product cell structure destroyed

Cellular Fracture Line technology

- 1-step process
- super frozen particles fly around in the product chamber
- no mechanical grinding.
- -brittle material motion and sublimation of ice structure that hold it together causes product to break along natural elemental fracture lines.

- < 0.1% residual moisture



CPT is a key component in the creation of our functional foods. It allows us to preserve a whole food in its fresh form, thus maintaining all of the medicinal activity of a live plant while providing the safety of a stable commodity.

This proprietary and transitional preservation process gives us the unique ability to provide a superior product compared to anything else available on the market today. The 'secret' to our technology is the Herbs are dried while they remain frozen in a vacuum state, rather than sitting motionless on trays (as in the traditional tray freeze drier), the product is flying round in a vortex. The deeply flash-frozen CPT granules decrease in size due to sublimation of the connecting ice structure and break into increasingly smaller particles along natural elemental fracture lines.

This creates a smaller particle size and porous structure without cellular hemorrhaging, caused by mechanical grinding of the <u>traditional</u> process as used in the industry today. CPT particles are much more easily absorbed and metabolized (more bio-available), and are more soluble for use as a catalyst ingredient in other formulations.

Solubility

As a food ingredient our herbs are highly soluble. Solubility ties into taste as well as ease to combine with other ingredients. This high level of solubility (enhanced by the CPT freeze dry process creates a <u>more soluble particle structure</u>),

Fresh Super herbs and Super foods

As soon as our botanicals are harvested they naturally begin to degrade. It is critically important to get them into the CPT process immediately after harvest. The logistics are challenging in any case, but the fact that they are grown at our doorstep in the mountains surrounding Chiang Mai, Thailand makes it all possible.

Higher Bioactivity Superior Efficacy

The objective achieved by CPT is preservation not only of the targeted ingredients but preservation of the entire cellular and molecular structure of the live plant. This is achieved by:

- An Evolutionary and Transitional Freeze Dry Process where the product is never exposed to the destructive oxidative forces of heat.
- Plant tissue fractures between/along the layers of the cell walls preserving cellular integrity and improving the retention of the bioactive intracellular contents.
- Water removed as a liquid at an extremely low constant temperature (minus 55 deg C) evaporates at a constant rate while the quantity of water steadily decreases. This creates surface tension. Any solid structure in contact with the water will normally experience surface tension strong enough to damage fragile cell walls; CPT removes water in its gaseous state (water vapor) and avoids this destructive surface tension.
- Exposure of the entire surface area to sublimation results in "even" drying which preserves cellular integrity.

The net result is preservation of the complex synergistic structure as close as possible to how it exists in nature. This translates to a more highly bioactive more effective powder.

Higher Absorption and Higher Bio-Availability

Particles break down inside the product chamber with minimal need for mechanical grinding. They break down due to the movement of the super frozen particles and sublimation of the ice structure that holds the particles together. This causes them to fall into small porous particles along the natural Cellular Lines creating soft, porous particles which have more surface area per unit of weight and therefore are absorb more easily.

The function and value of our food supplements lie not in lab tests alone, but in their energetic breakdown and uptake inside your body and the preservation of enzymes, proteins and vitamins.

The ability of your body to store or use these nutrients is called bio-availability – yet another huge advantage of our Cellular Preservation Technology activated botanicals.

The quality and effectiveness of our Products are the result of the remarkable protocols and processes we employ from the fields to the finished product. For details on this evolutionary process, please contact us at www.cptsuperherbs.com