



60 Capsules Bottle

CPT
HERBS
Papaya
Leaf

100% Natural Non GMO
Vegan

60 Capsules Dietary Supplement

Cellular Preservation Technology(CPT)
CPT retains nutritional values and sustains the complex synergy of the plant just as it grows in nature. A new way of producing concentrates from herbs and plants through natural disintegration without crushing, grinding, pressure, heat or any destructive means that would destroy live enzymes, nutrients and bioactivity. CPT treated herbs maintain optimum levels of its original Antioxidant & nutrient profiles compared to traditional tray or sun dried herbs dried in hot ovens. We deliver HIGHEST BIOAVAILABILITY-BIOACTIVITY-and NUTRITION

Ingredients/capsule - Papaya 330 mg - Net wgt - 25.44g.
Gross wgt - 50.4g 2 capsules/day after a meal

Siam Superherbs,
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Amphur Mae Rim,
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www.cptsuperherbs.com
Made in Thailand FDA
51-1-01753-6-0019

THAI FREEZE DRY
Halal Approved
From a GMP-FDA & USA Approved Facility

This product is not intended to diagnose, cure, treat, or prevent any disease. Children and pregnant women should consult a doctor.

1. Treats Dengue fever 2. Anti-Malarial Properties 3. Good for Liver 4. Supports Digestion 5. Lowers Blood Sugar Levels 6. Cure to Your Menstrual Pain 7. Helps Treat Skin Problems 8. Promotes Hair Growth 9. Reduces Cancer Risks

Papaya Leaf: Scientific name: *Carica Papaya*



Traditional African, S.E. Asian and Australian Aboriginal herbal remedies included the use of papaya leaves. In the 1960's and 1970's a hot water extract of papaya leaves emerged as a popular cure for cancer in Australia supported by case studies and antidotal evidence. Due to lack of scientific validation, this died down.

Recent research such as the University of Florida studies in 2010, published in *Journal of Ethnopharmacology* (February 17, 2010 edition) documented that extract from freeze dried papaya leaves boosts production of Th1-type cytokines which are key signaling molecules that regulate the immune system. Additionally the reports

recorded papaya's direct antitumor effect on a broad range of lab-grown human tumors including cancers of the cervix, breast, liver, lung and pancreas.

Dr. Nam Dang, professor of medicine and medical director of the UF Shands Cancer Center Clinical Trials Office has stated that "Based on what I have seen and heard in a clinical setting, nobody who takes this (papaya leaf) extract experiences demonstrable toxicity. It seems like you could take it for a long time- as long as it is effective." There is no indication of damage to normal cells, avoiding the common and devastating consequences of other therapy regimes.

Ten different types of common human cancer cell cultures exposed to papaya leaf extract showed slowing of the growth of tumors within twenty-four hours. The research team focused on a cell line for T lymphoma and results suggested that one of the mechanisms employed by the papaya leaves is inducing cell death.

The strong digestive enzymes found in papaya leaves may digest the protective fibrous protein coating that protects cancer cells from recognition and attack by the immune system.

Papaya contains Acetogenins - active compounds that modulate the production of ATP in mitochondria of specific cells - which affects the viability of specific cells and their ability to read natural markers in these synthetic substances, identify them as foreign invaders and defend against them.

A recent clinical study with over 100 participants showed that the papaya extract, containing a mixture of Acetogenins, supports the body's normal cells during times of cellular stress.

Acetogenins found in pawpaw have been shown to have dramatic biological activity, being active against worms, some viruses, fungi, and many cancer cell lines. When compared with conventional chemotherapy agents, they have worked comparably in cell culture and animal studies, but at far lower concentrations and with almost no toxicity to host animals.

The idea that enzymes help, not only in digestion, but also can be therapeutic for a wide spectrum of health problems is not new, and modern medicine has proven in clinical studies that enzymes such as papain (abundant in papaya) taken orally are therapeutic.

Digestive System: Additional therapeutic effects of papaya leaves include relief of indigestion, acid reflux and heartburn by digesting potentially toxic waste, killing H. pylori bacteria that cause inflammation and indigestion, and break down protein and carbohydrates to sooth the GI tract and bowels.

Cure to your Menstrual Pain: Are you a victim of excruciating menstrual cramps and lower abdominal pain during your periods? Papaya leaf juice works wonders to ease the menstrual flow and reduce the pain. Drinking this juice also brings down PMS symptoms. Its potent healing properties balance hormones, and regulate menstruation cycles. You can try this concoction to treat your menstrual pain: take one papaya leaf, a pinch of salt and tamarind, mix them all in a glass of water and bring it to boil. This juice should ease your pain greatly.

Dengue Fever: Papaya leaves have gained popularity to fight colds, flues, and relieve the high fever and painful symptoms associated with dengue fever.

Anti-Aging: Papaya leaf contains over 10 amino acids such as (threonine, glutamate acid, glycine, leucine etc.) some of which are used in cosmetics for creating young, healthy skin and as anti-aging compounds.

Immune booster: Powerful antioxidants and tannins in addition to TH1 cytokines found in papaya leaf boost the immune system.

Nutrition: Nutrients such as B-Vitamins, Vitamin A and C and flavonoids (powerful antioxidants), calcium and Vitamin D (strong bones), Vitamin E (supports sexual and cardiovascular health) are all contained in Papaya leaves.

Helps Treat Skin Problems: because of the rich content of vitamin C and A, which boosts skin health and lends you a healthier and radiant skin. Papaya leaf juice suppresses the activity of free radicals. The presence of karpain compounds checks the growth of excess micro-organisms, and cleanses your skin of the toxins, providing protection against skin problems like pimples, freckles and acne.

Promotes Hair Growth: The extract of papaya leaf is said to promote hair growth, prevent balding and thinning of hair. It is an important ingredient used in anti-dandruff shampoos because of the karpain compound. This alkaloid component is effective in removing dirt and oil from your scalp. It can also serve as a natural conditioner and bring back the lost sheen to your hair.

CELLULAR PRESERVATION TECHNOLOGY (CPT): Enzymes such as the strong digestive enzymes in papaya leaves are thermo-sensitive - easily denatured by exposure to heat. The absence of exposure to heat is a key to maintain the potency of papaya leaves. Preservation of the cellular and molecular structure achieved by CPT provides higher efficacy.

New study reveals that Papaya Leaf may be a powerful Anti-cancer Food

Other than being well known for their lively orange fruit, papaya trees are turning out to be more famous because of some studies which are stating that papaya leaf can avert tumor cell development.

Papaya, the tumor fighter



chemotherapy.

A late study archived the effect of papaya leaf working well against malignancy. The discoveries demonstrated that when a harmful tumor was exposed to the papaya leaf, the development was backed off significantly. Nevertheless, the Papaya leaf is not a cure. It can decrease cancer development without the negative effects of

During the studies, 10 distinctive types of cancer including lung, breast, pancreatic, liver and cervix disease were exposed to the papaya leaf and in each and every case; the Papaya moderated the development of the tumors. What's amazing is, the bigger the dosage of papaya leaf was, and the more potent the anticancer effects were.

This is incredible news for many people who are experiencing cancer specifically every day. Piles of cash are being wasted towards research for cancer cures, yet right up 'til today, cancer remains hard to cure.

Papaya leaf and Th1-Sort Cytokines



Th1-sort cytokines are hormonal messengers in charge of the natural effects of the immune system. Papaya leaf fortifies the generation of these particles, giving you a stronger and healthier immune system.

Extra Recuperating Properties of Papaya Leaf

Revitalizes your body by keeping up energy and imperativeness

- Enhances cardiovascular and gastrointestinal wellbeing
- Counteracts cataract development
- Stops inflammation
- Aids with Nausea and constipation
- Can decrease glucose levels

Papaya leaves to fight dengue.

Dengue fever or ordinarily alluded to as the break bone fever is a mosquito-borne tropical infection brought by the dengue infection. Manifestations of the infection incorporate a head ache, fever, measles-like skin rash and muscle and joint pains.

Some instances of this disease can form into life-threatening dengue hemorrhagic fever or dengue shock disorder with low blood platelets.

Papaya leaf contains chymopapain and papain, two critical aggravates that increment and balances blood platelets. As a result of this, the Papaya Leaf has been utilized for a considerable length of time to adequately treat dengue fever.

Papaya leaf is being sold as a supplement, yet you could also add this to any of your juices.

Papaya leaf has a bitter taste to it, so taking as a capsule has its advantages.

Papaya leaves to fight dengue: Being considered as one of the healthiest fruits, papaya helps in curing many diseases. Not only the pulp but its leaves contain many healing properties. Its leaves

are well-known to increase the platelet count and are also enriched with anti-malarial properties, making it the best home remedy to fight against dengue fever and other illnesses.

Enhance body's immunity

Enhance body's immunity: Papaya leaves contain phenolic compounds, papain and alkaloids and these nutrients act as strong antioxidants which, in turn, enhance the body's immunity. Also, the combination of papain and another compound helps in effectively digesting the essential proteins which can cure digestive disorders.

The study

The leaf extract increases platelet counts in the patients suffering from dengue. According to a study done on 400 patients who received standard treatment for dengue and half of them, who were in the control group, received a specific dosage of the papaya leaf extract in the form of tablets.

It was found that the patients in the control group had an elevated platelet count during the papaya therapy and had fewer side effects. They also did not require blood transfusions.

Reduces dengue symptoms: many health experts suggest papaya leaf as an effective remedy to treat dengue fever. This deadly disease is caused by Aedes mosquitoes. They transmit the disease into our blood and cause high fever, skin rash and decrease in platelet count. The papaya leaf helps in reducing the symptoms of dengue.

Contains anti-malarial properties, Papaya leaves also have strong anti-malarial properties, making them best to cure dengue fever. Acetogenins, a compound found in papaya leaf helps in preventing disease like malaria and dengue. The juice or pulp made from papaya plant is quite effective not only in fighting the symptoms of dengue fever, but also in curing it.

The Powder obtained from Dynamic Freeze Drying is highly concentrated as we only remove the moisture leaving pure and natural Papaya in a powdered and highly Bioavailable form.

Note: Get advice from your specialist before utilizing papaya leaf to guarantee that it doesn't struggle with whatever other meds you might be taking and don't utilize this if ever that you are breastfeeding or pregnant.



CELLULAR PRESERVATION TECHNOLOGY

It is this process that distinguishes our herbs from all others.

1. Our herbs do not require any preservatives or heat treatment to prevent degradation. If this were a crème or liquid it would require preservatives since moisture is the medium for the enzymes and microorganisms to degrade the product.
2. The enzymes, vitamins, minerals and other vital ingredients are preserved with their full potency intact. The value of the herbs and botanicals are kept at their highest level.
3. It is exactly this high level of preservation of the vital ingredients that create the results that we would otherwise not achieve in traditional drying methods, even if we had used exactly the same ingredients in exactly the same proportions.
4. If we use heat to remove the moisture (de-hydration), the heat will denaturize the enzymes (making them ineffective), reduce the protein levels considerably and oxidize thermo-sensitive vitamins such as Vit C and beta-carotene.
5. The freeze dry process eliminates water without exposure to heat thereby preserving all of the enzymes, vitamins, minerals, and bioactive compounds.
6. The very small particle size (micronization - no need for grinding) and porous particle structure achieved by the Bio-Dynamic Freeze Dry Process allow our herbs to be more easily absorbed and metabolized. Vitamins such as Vit C are fat soluble and are easily and quickly absorbed into our body.
7. The effectiveness and capabilities of all our herbs are greatly enhanced due to the particulate size and structure produced by our transitional and evolutionary Freeze Dry process.



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.

Traditional Vs Cellular Preservation Technology (CPT)

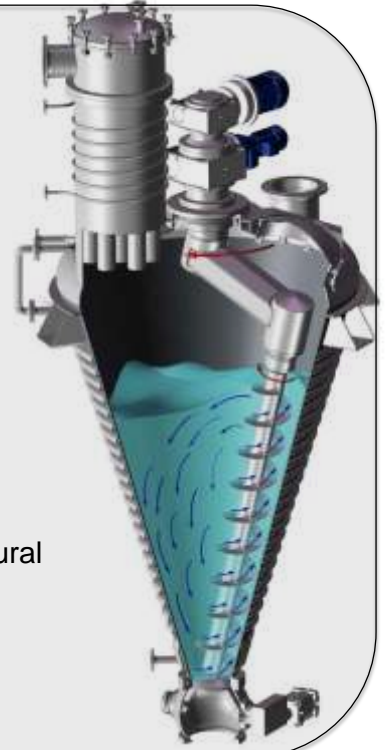
Traditional freeze drying



- 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 traditional 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 more soluble particle structure),

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