



Disclaimer



- As with virtually all supplements, statements made have not been approved by the FDA.
- These products are not intended to cure, treat, diagnose or otherwise benefit your pet - per regulation, only pharmaceutical products are permitted to make that claim.
- Results may vary according to the animal's diet and lifestyle.
- These products are not to be used in lieu of, but as a support to, proper veterinary care.
- The amount of time a product must be used before seeing results is heavily dependent on your pet's existing diet and current condition. Generally speaking, minimal results begin to occur between 1 dose and 3 weeks. Maximum results are often not achieved for about 3 months.
- In severe conditions, or conditions where the pet is dependent solely on the effects of the supplement because the diet has not been improved to eliminate processed foods, this time may increase greatly.
- The cleansing response, aka healing crisis, is a process in which your pet's body begins releasing the toxins that have built up in their system over the years. The speed and severity of the cleansing response will vary by individual pet according to their age, diagnosis, lifestyle, severity of symptoms, etc.
- Symptoms of a cleansing response may include: increased shedding, panting, lethargy, excessive water consumption, slightly loose stools, dermatitis, and self-fasting. These symptoms are temporary and transitory. Not every pet will have a cleansing response.





Sourcing is Key

Individually Hand-crafted

NO Fillers, Ever!

Fair Trade for Life Certified Ingredients

NO Preservatives

Non-GMO

NO Binders

Certified Organic

No Nuts, No Soy, No Wheat, No Corn... No nothing but medicinal herbs!

Kosher

Hand-Selected Harvesting

Zero-Waste Certified Business Ingredients

Small Farmer Supportive

No Artificial or Natural Colors or other unnecessary junk





Endocrine



This blend is designed to assist with Endocrine imbalances, particularly Cushing's.

Cortisol plays a crucial role in regulating various metabolic processes in the body, including the balance of minerals. In Cushing's disease, or scenarios where cortisol levels are excessively high, the body's normal mineral balance is disrupted.

Excessive cortisol levels can contribute to sodium and water retention, high blood pressure, low potassium leading to muscle weakness, fatigue, disturbances in heart rhythm, low calcium and magnesium levels leading to decreased bone density and increased risk of osteoporosis, and impaired insulin function leading to increased risk of diabetes, obesity and cancer. In severe cases, pets will become emaciated in the neck and legs, distended in their stomach, they will lose hair, and will develop scabs (calcifications) on the skin.

This blend is designed to support overactive adrenals, thyroid health, and mineral balance.

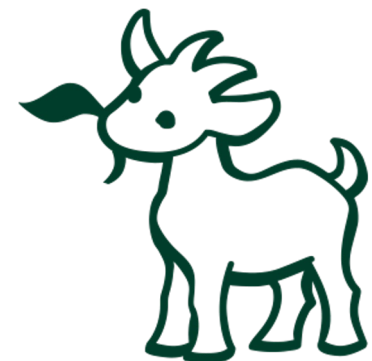
Ingredients

*Chaste Berry (Vitex), *Moringa,
*Maca, *Dulse, *Camu Camu,
*Dandelion Root, Shilajit,
Himalayan Salt
*Organic, kosher

Dosage & Use

Sprinkle over food or steep as a tea

Give ¼ tsp per 10lbs of body weight once to twice per day.



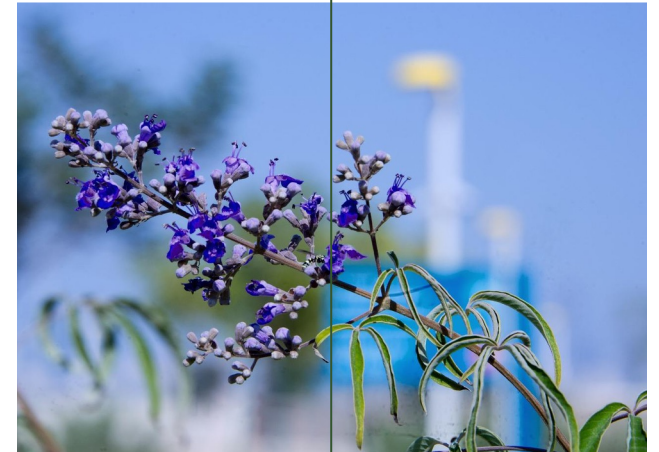
Chaste Berry

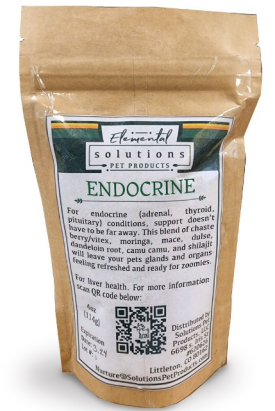


Chaste berry (*Vitex agnus-castus*) plays a significant role in maintaining hormonal balance by exerting its effects on the hypothalamus and pituitary glands. This is achieved through the intricate network known as the hypothalamic-pituitary-adrenal (HPA) axis, which regulates the body's response to stress and helps maintain equilibrium. The HPA axis involves the intricate interplay of various endocrine organs and their hormones.

One crucial hormone affected by the HPA axis is cortisol. When cortisol levels become excessively elevated, it can lead to a range of adverse effects, including elevated blood sugar levels, cognitive decline, fluctuating energy levels, weight fluctuations (especially in the abdominal area), increased blood pressure, and an elevated risk of hypertension.

Additionally, the HPA axis influences progesterone, which holds vital functions and health benefits for both males and females. Progesterone contributes to mood stability, neuron repair, prevention of hair thinning and dryness, maintenance of bone density, weight regulation, and counteracting estrogen dominance, even in males.





Moringa Leaf

Moringa leaves are rich in essential vitamins, minerals, and antioxidants that easily fall out of balance in the presence of overactive adrenal function. These include Vitamin C, Vitamin E, potassium, calcium, and iron.

Moringa has been recognized as an adaptogen that helps the body adapt to stress and promote balance in the endocrine system. Moringa contains isothiocyanates and flavonoids that function as strong anti-inflammatories.

It also functions as an antioxidant and methyl donor. It contains SAME (S-adenosylmethionine) which donates a methyl group (-CH₃) to other molecules in the body. This is important for proper liver function, B Vitamin metabolism, and hormone regulation.





Maca



Maca root, scientifically known as *Lepidium meyenii*, is a plant native to the Andean regions of Peru and Bolivia.

Energy and Stamina: Maca root is often associated with promoting energy and stamina.

Hormonal Balance: Maca root is known to contain various bioactive compounds that may help regulate hormones. Holistic veterinarians speculate that maca root could assist in balancing hormones in dogs, particularly in cases of reproductive or endocrine issues.

Coat and Skin Health: Some dog owners believe that maca root might contribute to improved coat and skin health in dogs. The potential presence of vitamins, minerals, and antioxidants in maca root could support a healthy coat and skin condition.

Digestive Health: Maca root contains dietary fiber, which is essential for maintaining healthy digestion. Maca root is sometimes associated with improved digestive function.

Adaptogens are believed to work by modulating the hypothalamic-pituitary-adrenal (HPA) axis, which is responsible for regulating the body's stress response. By influencing this axis, maca may help regulate the release of stress hormones, including those produced by the adrenal glands.

It has been suggested that maca may act on the hypothalamus, which releases hormones that control the pituitary gland's activity. In turn, the pituitary gland stimulates the adrenal glands to produce cortisol and other hormones. By modulating this feedback loop, maca could potentially help regulate adrenal function.





Dulse



Cortisol affects the hormone aldosterone, which regulates sodium and potassium levels. Excessive cortisol production has a cascade effect which increases sodium excretion. When

the body is low in sodium, protein utilization, and absorption are impaired. This leads to cachexia (muscle wasting), muscle loss, and in severe cases, organ damage.

Dulse was selected primarily for its natural sodium content. Rather than using salt, dulse was also selected because it also contributes small amounts of thyroid-supporting iodine and calcium. Dulse helps prevent sodium deficiency by restoring depleted sodium levels in the presence of hormone imbalances.

Sodium in Endocrine = ~35mg/tsp from Dulse (compared to kelp that would contain only ~15mg/tsp)

Iodine in Endocrine = ~21.5mcg/tsp from Dulse* (compared to kelp that would contain 37mcg/tsp)

*Iodine is toxic at high levels. In dry matter, it is toxic at more than 11mg/kg of food per day (This is equal to 2.8mg/day for an average 50lb dog on an average kibble food). One tsp of Endocrine is equal to 7.6% of the recommended daily minimum intake, and 0.69% of daily recommended maximum. This is why we chose Dulse instead of high-iodine kelp. This makes it a safe supplement to provide.





Dandelion Root



Dandelion Root contributes a variety of nutrients that are depleted in the presence of hormone imbalances. This includes Vitamins A, C, and K, as well as Calcium and Potassium.

Dandelion Root plays a crucial role in hormone metabolism and detoxification, including the breakdown and elimination of excess cortisol (the stress hormone produced by the adrenal glands).

Overactive adrenal function and thyroid imbalances can be associated with chronic inflammation. Dandelion root contains phytochemicals, including flavonoids and sesquiterpene lactones, which possess anti-inflammatory properties.

Dandelion root may help alleviate some symptoms associated with these conditions by reducing inflammation.

Dandelion root is rich in antioxidants, including polyphenols and beta-carotene. Antioxidants help neutralize harmful free radicals in the body, which can contribute to oxidative stress. By reducing oxidative stress, dandelion root may support overall cellular health and help mitigate some of the negative effects of adrenal and thyroid imbalances.





Camu Camu



Camu Camu restores Vitamin C stores that are depleted by hormone imbalances. Camu Camu is a natural source of Vitamin C* in comparison to other whole food sources.

Camu Camu – avg 2,400-3,000mg/100g

Rosehips - avg 500-1,500mg/100g

Oranges – 50mg/100g

Bell Pepper - avg 80-120mg/100g (with red bell peppers typically having the highest content)

Broccoli - avg 90-110mg/100g

Brussels Sprouts - avg 80-100mg/100g

Strawberries – avg 60-80mg/100g

*Vitamin C supplements are most commonly derived from aflatoxin mold

Elevated cortisol production depletes the body's vitamin C stores, leading to a higher demand for this nutrient. In addition, chronic stress on the body caused by imbalances generates oxidative stress. Oxidative stress occurs when there is an imbalance between the production of reactive oxygen species (ROS) and the body's antioxidant defenses. Vitamin C is a powerful antioxidant that helps neutralize and scavenge ROS, protecting cells from damage caused by oxidative stress. By replenishing vitamin C levels, the body can enhance its antioxidant defenses during periods of stress.





Shilajit



Overactive adrenal function is directly associated with a decrease in specific, important minerals. Mineral deficiencies can cause a variety of negative side effects. Further, deficiencies in certain minerals prevent the chelation of heavy metals out of the tissues. When these minerals become deficient, heavy metal levels increase, sometimes dramatically. This can create a new set of health problems.

When the adrenals are overactive, they excessively produce cortisol. When this happens, the body increases the excretion of calcium, magnesium, potassium, zinc, and sodium through the urine, thus creating deficiencies. Shilajit is a naturally rich mineral source that can help prevent or resolve these imbalances.





Shilajit



The primary minerals found in shilajit include:

Calcium: Calcium levels are one of the first minerals to drop when adrenal function is overactive. In severe cases of Cushing's Disease, the skin develops "calcification" scabs. This evidences the body's inability to properly utilize calcium and thus a need for supplementation.

Magnesium: Calcium and magnesium work in tandem in the body to maintain various physiological functions. The body prioritizes this ratio and will also increase magnesium excretion in the urine as a compensatory mechanism in response to lowering calcium. In addition, the need for magnesium goes up with the body is stressed in any way. Therefore, a safe, supplemental form of magnesium is necessary. Shilajit provides this.

Potassium: Low potassium levels can cause muscle weakness and irregular heartbeat. Potassium levels must be in the proper ratio with sodium, another mineral that decreases when adrenal function is overactive.

Iron: When the body is low in sodium, as is generally true when the adrenals are overactive, protein utilization is inhibited, and iron levels can decrease. Natural supplementation of a safe source of iron can support bodily functions, including oxygen transport, energy production, and immune system support.

Copper and Zinc: The body's immune response is often impaired when the adrenals are overactive. Copper and zinc play an imperative role in support of the immune system. Natural, safe supplementation of both (in non-synthetic forms) supports the formation of red blood cells, collagen synthesis, the functioning of the nervous system, DNA synthesis, and wound healing.

Fulvic acid: When iron, copper, or zinc levels are lowered in the body, natural chelation of heavy metals does not occur. This can lead to a buildup of dangerous heavy metals in the tissues. Fulvic acid is a type of organic acid that plays a crucial role in heavy metal chelation, and mineral absorption/transportation within the body.



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