



## Dose Schedule:

1-10 lbs	1/8 tsp. 1x / day
11-20 lbs	1/8 tsp. 2x / day
21-40 lbs	1/4 tsp. 2x / day
41-60 lbs	1/2 tsp. 2x / day
61-80 lbs	3/4 tsp. 2x / day
>80 lbs	1 tsp. 2x / day

## A1200 0.9 oz (25g)

**Serving Size:** 1/8 level teaspoon

**Servings per Container:** 60

## Guaranteed Analysis:

Calcium (min)	0.3 mg / 1/8 tsp.
Sodium (max)	3 mg / 1/8 tsp.
Selenium (min)	4 mcg / 1/8 tsp.

## A1250 3.5 oz (100g)

**Serving Size:** 1/2 level teaspoon

**Servings per Container:** 70

## Guaranteed Analysis:

Calcium (min)	1 mg / 1/2 tsp.
Sodium (max)	12 mg / 1/2 tsp.
Selenium (min)	18 mcg / 1/2 tsp.

**Ingredients:** L-carnitine, bovine liver, bovine heart PMG™ extract, rice bran, bovine kidney, bovine orchid extract, organic beet (root), defatted wheat germ, bovine spleen, ovine spleen, selenium yeast, ribonucleic acid, wheat germ oil, bovine pancreas Cytosol™ extract, veal bone PMG™ extract, organic buckwheat (aerial parts) juice powder, organic buckwheat flour, organic alfalfa (aerial parts) juice powder, calcium lactate, hawthorn (berry), organic carrot, organic shiitake mushroom powder, organic reishi mushroom powder, nutritional yeast, organic pea vine juice powder, Spanish moss (Tillandsia usneoides), oat flour, fat soluble extract from alfalfa (leaf) and sunflower seed, inositol, choline bitartrate, porcine brain, and ascorbic acid.



## BENEFITS:

- Provides selenium to support pathways involved in cardiac function
- Supports overall health
- Supports cellular and DNA integrity

## INDICATIONS FOR USE:

- General cardiac support

## Contains Ingredients from Our Organic Farm:



Pea Vine



Alfalfa



Beet



Buckwheat

## Contains Whole Food Ingredients Contributing Essential Nutrients:

- Bovine Liver
- Bovine Kidney
- Beetroot
- Ovine Spleen

## Selenoproteins in the Heart

The heart is at the center of the cardiovascular system, which is a complex, coordinated group of organs and tissues. Canine Cardiac Support offers essential nutrients like Selenium to support the body's multiple systems.

Selenium influences cardiac health via its role in selenoproteins (proteins containing selenium)<sup>1</sup>. In cardiac muscle cells, like many cells within the body, reactive oxygen species are generated by the mitochondria and can become detrimental to the health of surrounding cells. The body produces antioxidants to neutralize these compounds to avoid any adverse effects.

However, the body often requires dietary nutrients to produce these antioxidants. Glutathione peroxidase is an antioxidant selenoprotein that balances cellular oxidative stress and redox-mediated responses<sup>2</sup>. The body requires dietary selenium to produce this important antioxidant and maintain the health of cardiac muscles.



## More Product Details

Scan or click link below:

[standardprocess.com/caninecardiac](https://standardprocess.com/caninecardiac)



## Canine Cardiac Support also Benefits:

### Endocrine Health

Deiodinases are selenium containing enzymes that are used for the synthesis of the active form of thyroid hormone, T3.<sup>3</sup> In addition, deiodinases catalyze the inactivation of the various forms of thyroid hormones, contributing to normal hormone regulation.

### Metabolic Health

Type II deiodinase, containing two selenium atoms, is responsible for the activation of thyroid hormones by converting T4 to T3. Both T3 and T4 are important for regulating how the body uses energy, contributing to significant metabolism regulation.<sup>3</sup>

### Immune Health

Selenium plays a crucial role in many cellular processes including those involved in innate and adaptive immunity.<sup>4</sup> For example, selenoproteins are involved in proliferation and differentiation of lymphocytes, a type of white blood cell.<sup>5</sup>

Canine Cardiac Support is a diverse blend of ingredients that offers a significant amount of the essential nutrient selenium.

### Synergistic Products

For a complete list of products, visit [standardprocess.com/Veterinary-Formulas](https://standardprocess.com/Veterinary-Formulas)

#### Canine Whole Body Support

Provides general multisystem support

#### Canine Renal Support

Provides support for the normal function of the kidneys

#### Canine Adrenal Support

Provides support to the adrenal glands

#### VF Omega-3

Formulated to provide omega-3 fatty acids that support pets' critical body systems.



Research &  
Innovation



Human-Quality  
Ingredients



Family-Owned  
Company



Certified  
Organic Farm

### Healthy Soil. Healthy Plants. Healthy Lives.

Our mission of helping people and animals starts on our certified organic farm.

Organic certification ensures that there are no synthetic pesticides and no genetically modified organisms (GMOs) used to grow our crops.

Our expertise in cultivating healthy soil allows us to maximize the nutrient density in our products. This helps us deliver nutrition that's as close to nature as possible and make products that have changed lives for over 95 years.

#### REFERENCES

1. Narayanam, H., Chinni, S.V. & Samuggam, S. The Impact of Micronutrients-Calcium, Vitamin D, Selenium, Zinc in Cardiovascular Health: A Mini Review. *Frontiers in Physiology* 12(2021).
2. Lubos, E., Loscalzo, J. & Handy, D.E. Antioxidants & redox signaling 15, 1957-1997 (2011).
3. Brody, T. *Inorganic Nutrients (Nutritional Biochemistry [Second Edition])*, Academic Press, Berkeley, CA, 1999).
4. Hoffmann PR, Berry MJ. The influence of selenium on immune responses. *Mol Nutr Food Res*. 2008;52(11):1273-1280. doi:10.1002/mnfr.200700330
5. Dalgaard TS, Briens M, Engberg RM, Lauridsen C. The influence of selenium and selenoproteins on immune responses of poultry and pigs. *Anim Feed Sci Technol*. 2018;238:73-83. doi:10.1016/j.anifeedsci.2018.01.020