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# The Standard Process Difference

Dogs, cats, and horses have nutritional needs beyond what their regular diets provide. Their well-being deserves more than an annual wellness exam. It deserves Standard Process Veterinary Formulas.

Since 1929, Standard Process has been the visionary leader in whole food nutrient solutions. Offered through qualified veterinary professionals, Standard Process Veterinary Formulas utilize the same state-of-the-art manufacturing processes and high-quality ingredients used to produce our human supplements. That's because we believe what is good for us is also good for our pets.

Each pet's unique needs change based on age, activity level, and health status. Standard Process Veterinary Formulas were created to fill these potential nutritional gaps. The goal of

whole food-based supplementation is to provide nutrients for the body that are as close as possible to how they are found in nature. After all, it is in this whole food state that nutrition is typically harnessed and presented to the body.

The key to pets' optimal health is a diet rich in a variety of complex nutrients. The ingredient combinations in Standard Process Veterinary Formulas provide a spectrum of nutrients to support multiple organs and systems in the body. Our complex, whole food-based veterinary formulas combine targeted nutrients sourced from plant ingredients, organ and glandular tissue, and specialized protein extracts.

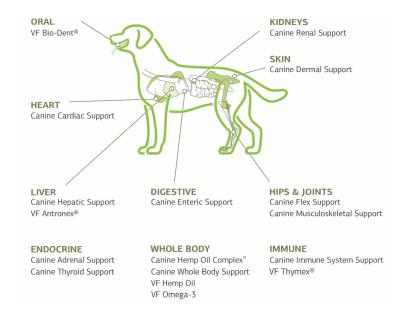
Whether you're looking for everyday wellness or targeted system support, we have a formula designed with every pet's needs in mind.



# **CANINE FORMULAS OVERVIEW**

Our canine formulas provide optimal nutritional support for the canine patient.

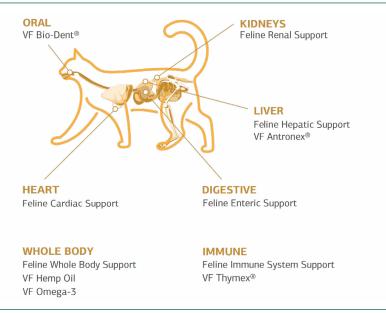




# **FELINE FORMULAS OVERVIEW**

Our feline formulas meet the specific nutritional needs of the feline patient.

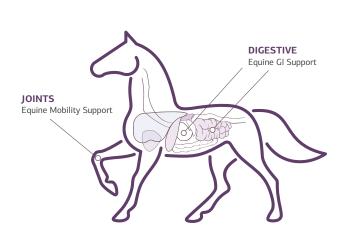




# **EQUINE FORMULAS OVERVIEW**

Our equine formulas meet the specific nutritional needs of the equine patient.





**IMMUNE** Equine Immune Support RECOVERY Equine Performance **ENDOCRINE** Equine Metabolic Support

# COMMITMENT TO QUALITY

# **ORGANIC FARM**



We are proud to be one of the few supplement manufacturers that can assure quality ingredients by growing many of our raw materials locally and organically. If we don't grow it, we actively source the best-quality nutritional ingredients.

# **ENVIRONMENTALLY SAFE MANUFACTURING**

Preserving the whole food complex is a top priority when manufacturing our supplements. We are committed to environmentally friendly manufacturing practices to help preserve the planet.



# **INNOVATION**

Our Nutrition Innovation Center is the first of its kind, and it's dedicated to researching new solutions in nutritional therapies.



# **QUALITY ASSURANCE**

Our team of scientists includes chemists and microbiologists who test our product materials to ensure the purity and safety of our supplements.



# **HIGH-QUALITY INGREDIENTS**

The great majority of raw plant ingredients are grown on our 868-acre certified organic farm. All raw animal tissues are obtained exclusively from U.S. Department of Agriculture (USDA)-inspected facilities.

# How Standard Process Defines Whole Food Supplements

Quality frames our approach to making supplements — from our whole food philosophy and our careful ingredient sourcing, to our formulations and dedication to safety. "Quality from seed to supplement<sup>®</sup>" is more than just a tag line to us. It's a commitment we take to heart.

A whole food supplement is a complex formula of targeted ingredients that may include:

# Whole Food Ingredients

Our product labels include many ingredients that you recognize as foods, and the great majority of the raw plant ingredients we use are grown on our certified organic farm. This allows us to control the quality of these ingredients from seed to supplement.

# Whole Food Concentrates

Concentrates are used when a beneficial amount of nutrients cannot be delivered with a whole food ingredient. Fish oil is a good example. Derived from whole fish, the nonconcentrated triglyceride oil that makes up our final product allows patients to take advantage of the naturally occurring DHA and EPA omega-3 fatty acids.

# Whole Food Isolates

Sometimes, foods do not contain sufficient quantities of specific nutrients to address certain health challenges. In this case, we use evidence-based food isolates to complement whole food ingredients. Isolates like glucosamine are used in our products because they are well-researched and have strong evidence for efficacy. Isolates can also be combined with other ingredients to maximize efficacy.



# Animal Tissue Extracts and Concentrates

The use of specific animal tissue has a long history at Standard Process. The first product based on a Protomorphogen™ brand extract was introduced in 1952 and contained bovine heart PMG™ extract

We start with glands and organs because they have more DNA per gram than skeletal muscle, have different protein profiles. and have different starting concentrations of vitamins and minerals. All raw animal tissues are exclusively sourced from U.S. Department of Agriculture (USDA)-inspected facilities.

# Protomorphogen™ Brand Extracts

Continuing the pioneering work of Dr. Royal Lee, certain Standard Process products contain specific Protomorphogen™ brand extracts. Protomorphogen™ brand extracts are specific materials extracted from animal glands and organs through a complex process to retain what Dr. Lee termed "cellular determinants." Current laboratory methods have confirmed that Protomorphogen™ brand extracts contain a unique profile of nucleotides (the components of nucleic acids like RNA and DNA), and peptides (short chains of amino acids).

# Cytosol™ Brand Extracts

Cytosol™ brand extracts are derived from the cytoplasm of selected organs and glands through a process similar to the Protomorphogen™ extraction process. However, these extracts contain their own unique profile of nucleotides and peptides.

#### Whole Desiccates

Whole desiccates are tissues that have been dried to provide the nutritional content of the organ in a concentrated form.

# **Botanicals**

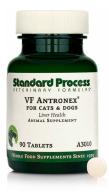
Botanicals provide important constituents that contribute additional support to the body's systems. They complement the vitamins, minerals, and tissue concentrates found in whole food ingredients.

# **Synthetic Ingredients**

Dr. Royal Lee included synthetics in his original formulas to meet label claims and/or enhance product effects. This type of ingredient has always been used selectively. Where synthetics appear, they have been added to protect the complexity and synergistic design of the formula.



# VF ANTRONEX® Introduced in 2015





A3010 - 90 Tablets

When the body's natural histamine response function kicks in, other systems are affected including the immune system and the liver. Building up defenses helps make sure these systems are working at optimal levels to support pet health.

VF Antronex® supports the liver and the body's normal detoxification mechanisms.

#### Indications for Use:

- · Clinical signs associated with liver challenges
- · Patients in need of additional hepatic support
- · Short- or long-term support for patients influenced by environmental, seasonal and other stresses

# **Synergistic Product Support:**

- · Canine Dermal Support
- · Canine or Feline Immune System Support
- · Canine or Feline Enteric Support

Ingredients: Calcium lactate, bovine liver fat extract (yakriton), and d-alpha tocopherol (vitamin E sunflower).

Other Ingredients: Calcium stearate and arabic gum.

#### **Guaranteed Analysis:**

Calcium (min) 30 mg / tablet

#### Dose Schedule:

All cats, dogs <20 lbs Dogs 20-50 lbs 1 tablet 1x / day 1 tablet 2x / day 1 tablet 3x / day Dogs >51 lbs

Or as directed by a veterinarian.

How to Administer: The tablets can be given whole or crushed and dosed directly or given with food.

#### Servings per Container:

90 based on 1 tablet per serving

# VF BIO-DENT® Introduced in 2015

#### A3000 - 90 Tablets

Nutrition is a powerful tool to support pet oral health. VF Bio-Dent® contains calcium, phosphorus, and manganese for support of the bony structures and connective tissue in the body, including the mouth. The formula also contains complex food-based ingredients that provide support for endocrine and immune system health.

### VF Bio-Dent®:

- · Contains many of the building blocks needed to support and maintain oral health
- Provides systemic support for an overall healthy mouth, especially in an orally challenged animal
- · Provides building blocks for young animals that are experiencing tooth and bone growth and development

Ingredients: Bovine bone, defatted wheat germ, calcium lactate, organic carrot, veal bone, bovine adrenal, bovine spleen, ovine spleen, manganese glycerophosphate, organic sweet potato, licorice (root), and rice bran

Other Ingredients: Honey, cellulose, calcium stearate, and arabic gum.

# **Guaranteed Analysis:**

Calcium (min) Phosphorus (min) 20 mg / tablet 10 mg / tablet Manganese (min) 1.4 mg / tablet

# Dose Schedule:

All cats, dogs <20 lbs Dogs 20-50 lbs 1 tablet 2x / day 2 tablets 2x / day Dogs >51 lbs 3 tablets 2x / day

Or as directed by a veterinarian.

How to Administer: The tablets can be given whole or crushed and dosed directly or given with food

#### Servings per Container:

90 based on 1 tablet per serving



90 TABLETS

Standard Process

VF BIO-DENT

A3000

# Indications for Use:

- · Support for normal growth and development of bone and the oral cavity
- · Support for the health of oral tissues
- · Support for the oral cavity, particularly in times of stress

# Synergistic Product Support:

· Canine or Feline Immune System Support





# VF HEMP OIL Introduced in 2020

A3040 - 30 mL (1 fl oz)

VF Hemp Oil is an organic liquid hemp oil for cats and dogs designed to support pets' endocannabinoid systems (ECS) with 15 mg phytocannabinoids per 1ml.

- · Formulated for dogs and cats
- Liquid form convenient, flexible dosing with a graduated dropper
- 1 mL delivers 15 mg of phytocannabinoids, which support the endocannabinoid system
- Full spectrum, organic, non-genetically engineered hemp, grown on the Standard Process certified organic farm<sup>^</sup>

**Caution:** For use in cats and dogs only. To support endocannabinoid system. If animal's condition worsens or does not improve, stop product administration and consult your veterinarian. Safe use in pregnant animals or animals intended for breeding has not been proven. Administer during or after the animal has eaten to reduce incidence of gastrointestinal upset.

Suggested Use: Give with a meal. Store in a cool, dark place.

#### Active Ingredient per 1 mL:

Organic Full Spectrum Hemp Extract 35 mg (contains 15 mg naturally occurring phytocannabinoids)

Inactive Ingredient: Organic extra virgin olive oil.

# **Guaranteed Analysis:**

Phytocannabinoids (min) 15 mg / 1 mL

#### Dose Schedule:

Dog Daily Dose Schedule <5 lbs 0.25 mL every other day

<5 lbs 0.25 mL every other day 5-9 lbs 0.25 mL 10-19 lbs 0.50 mL 20-29 lbs 0.75 mL 30-39 lbs 1 mL

40-49 lbs 1.25 mL 50-59 lbs 1.50 mL 60-69 lbs 1.75 mL 70-79 lbs 2 mL 80-89 lbs 2.25 mL 90-99 lbs 2.50 mL 100-110 lbs 2.75 mL

Cat Daily Dose Schedule

7-11 lbs 0.25 mL 12-17 lbs 0.50 mL 18-25 lbs 0.75 mL

Or as directed by a veterinarian.



# VF OMEGA-3 Introduced in 2021

A3050 - 90 Softgels

VF Omega-3 is a fish oil supplement for dogs and cats formulated to provide omega-3 fatty acids that support pets' critical body systems. It delivers concentrated fish oil in softgel form to bridge cats' and dogs' nutritional gap and help support:

- · The pathways that regulate joint health
- Heart health
- · Canine healthy skin and coat
- The central nervous system
- · Brain development of puppies and kittens

# **Synergistic Product Support:**

- · Canine or Feline Whole Body Support
- · Canine or Feline Cardiac Support
- · Canine Musculoskeletal Support
- · Canine Dermal Support

Measure omega-3 status with the Omega-3 Index for Pets Test (see page 13).

**Ingredients:** Fish oil concentrate (from anchovy and sardine), gelatin, water, glycerine, rosemary, and astaxanthin.

### **Guaranteed Analysis:**

EPA (min) 250 mg / softgel DHA (min) 200 mg / softgel

#### Dose Schedule:

Cats and Dogs <10 lbs. Consult veterinarian Cats and Dogs 10-20 lbs. 1 softgel / day Dogs 21-40 lbs. 2 softgels / day Dogs 41-60 lbs. 3 softgels / day Dogs 61-80 lbs. 4 softgels / day Dogs 81-100 lbs. 5 softgels / day Dogs 10-120 lbs. 6 softgels / day

Or as directed by a veterinarian.

**How to Administer:** Softgel may be consumed whole or snipped and the oil applied directly on your pet's food.

# Servings per Container:

90 based on 1 softgel per serving



# OMEGA-3 INDEX FOR PETS TEST KIT Introduced in 2021

T2000 - 1 Test Kit

The Omega-3 Index for Pets Test is a blood test for dogs that measures the amount of omega-3 fatty acids (EPA and DHA) in red blood cells.

The Omega-3 Index for Pets Test is important for measuring omega-3 fats in the body to help maintain healthy fat levels — an important indicator of overall health.

- · Measure: You won't know if your patient's balance of fats is optimal unless they're measured.
- · Modify: A low omega-3 index can be improved by increasing omega-3 intake.
- · Monitor: Track how your patient's dietary changes affect their blood levels by testing regularly.

Once you know their omega-3 index, you can supplement your patient's diet to modify their index in as little as 3-4 months.

This test is currently available for dogs and should only be administered by a veterinary professional.

# **Synergistic Product Support:**

· VF Omega-3



# VF THYMEX<sup>®</sup> Introduced in 2015

### A3020 - 90 Tablets

Nutrition is a powerful tool to support pet immune system health. VF Thymex® supports a healthy thymus gland, the master gland of the immune system.

- · Can be used in combination with other immune system support products
- · Source of antioxidant vitamin C

# Indications for Use:

- Patients in need of additional immune system support
- · Patients in need of generalized trophic immune system support
- · Patients with short-term or ongoing immune system challenges

Ingredients: Calcium lactate, bovine thymus Cytosol™ extract, magnesium citrate, and ascorbic acid.

Other Ingredients: Cellulose and calcium stearate.

# **Guaranteed Analysis:**

Ascorbic Acid (Vitamin C) (min) 5 mg / tablet

#### Dose Schedule:

All cats, dogs <20 lbs 1 tablet 3x / day Dogs 20-50 lbs 2 tablets 3x / day Dogs >51 lbs 3 tablets 3x / day

Or as directed by a veterinarian.

How to Administer: The tablets can be given whole or crushed and dosed directly or given with food

# Servings per Container:

90 based on 1 tablet per serving

# **Synergistic Product Support:**

- · Canine or Feline Immune System Support
- · Canine or Feline Hepatic Support
- · Canine or Feline Whole Body Support



# CANINE ADRENAL SUPPORT Introduced in 2002

Sandard Process

CANINE ADRINAL
SUPPORT

CANINE ADRINAL
SUPPORT

Simulation

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Min Management

Scan for more information:



A1100 - 0.9 oz (25 g) | A1150 - 3.5 oz (100 g)

Canine Adrenal Support is an adrenal support supplement for dogs that supports their adrenal glands' ability rebuild, regenerate, and respond normally to stress.

# This supplement is formulated to:

- Help adrenal glands respond normally to stress and metabolic demands
- · Support the glands' ability to rebuild and regenerate
- Provide vital nutritional support to related dogs' bodily organs

# Indications for Use:

• Sudden stressful event or ongoing stress (internal or external)

# Synergistic Product Support:

- · Canine Whole Body Support
- · Canine Hepatic Support

Ingredients: Bovine liver, bovine adrenal PMG™ extract, black currant juice, organic alfalfa (aerial parts) juice powder, porcine duodenum, defatted wheat germ, eleuthero (*Eleutherococcus senticosus*), nutritional yeast, organic carrot, wheat germ oil, organic shiitake mushroom powder, organic reishi mushroom powder, veal bone PMG™ extract, bovine adrenal Cytosol™ extract, organic pea vine juice powder, rice bran, bovine adrenal, bovine kidney, organic buckwheat (aerial parts) juice powder, organic buckwheat flour, sea salt, oat flour, bovine orchic extract, bovine pituitary PMG™ extract, sunflower lecithin, fat soluble extract from alfalfa (leaf) and sunflower seed, kelp, and manganese glycerophosphate.

**Dose Schedule:** Based on body weight, the patient should receive the formula according to the following recommendations, or as otherwise directed.

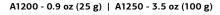
**How to Administer:** The powder can be mixed with or poured over the dog's food, mixed with water and administered by oral syringe, or made into a paste and given directly.

#### Servings per Container:

A1100 65 based on ½ teaspoon A1150 65 based on ½ teaspoon

A % teaspoon scoop is included with the small canine powder bottles, and a  $1\!\!\!/$  teaspoon scoop is included with the large canine powder bottles.

# CANINE CARDIAC SUPPORT Introduced in 2002



Canine Cardiac Support is a supplement for dogs that provides selenium to support pathways involved in cardiac function.

# This supplement:

- · Supports cardiac health
- · Supports overall health
- · Provides antioxidant system support
- · Supports cellular/DNA integrity

# Indications for Use:

· General cardiac support

# Synergistic Product Support:

- · Canine Renal Support
- Canine Adrenal Support
- · Canine Whole Body Support

Ingredients: L-carnitine, bovine liver, bovine heart PMG™ extract, rice bran, bovine kidney, bovine orchic extract, organic beet (root), defatted wheat germ, bovine spleen, selenium yeast, ribonucleic acid, wheat germ oil, bovine pancreas Cytosol¹™ extract, veal bone PMG¹™ 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.

### **Guaranteed Analysis:**

Calcium (min) 0.3 mg /  $\frac{1}{8}$  tsp. or 1 mg /  $\frac{1}{2}$  tsp. Selenium (min) 3 mg /  $\frac{1}{8}$  tsp. or 12 mg /  $\frac{1}{2}$  tsp. Selenium (min) 4 mcg /  $\frac{1}{8}$  tsp. or 18 mcg /  $\frac{1}{2}$  tsp.

**Dose Schedule:** Based on body weight, the patient should receive the formula according to the following recommendations, or as otherwise directed.

**How to Administer:** The powder can be mixed with or poured over the dog's food, mixed with water and administered by oral syringe, or made into a paste and given directly.

# Servings per Container:

A1200 60 based on 1/2 teaspoon 70 based on 1/2 teaspoon

A % teaspoon scoop is included with the small canine powder bottles, and a  $1\!\!/_2$  teaspoon scoop is included with the large canine powder bottles.



Scan for more information:



# CANINE DERMAL SUPPORT Introduced in 2002

A1300 - 1.1 oz (30 g) | A1350 - 4.4 oz (125 g)

Canine Dermal Support is a supplement supporting dogs' skin that contains whole food ingredients to help support canine patients' general skin health.

This powder supplement contains whole food ingredients to help:

- · Maintain proper liver, adrenal, immune, and intestinal function
- · Support and maintain the skin's ability to withstand the effects of environmental exposures

#### Indications for Use:

- · General skin health
- · General digestive system health, adrenal gland health, or immune system health

# **Synergistic Product Support:**

- · Canine Enteric Support
- · Canine Adrenal Support
- Canine Hepatic Support
- · Canine Whole Body Support

Ingredients: Bovine liver, L-glutamine, New Zealand green mussel (*Perna canaliculus*) (shellfish), milk thistle extract (80% silymarins), bovine kidney, defatted wheat germ, organic alfalfa (aerial parts) juice powder, amla extract, fat soluble extract from alfalfa (leaf) and sunflower seed, bovine adrenal PMG extract, bovine liver fat extract, bovine spleen, ovine spleen, calcium lactate, maltodextrin, organic extra virgin olive oil, organic carrot, bovine liver PMG™ extract, nutritional yeast, porcine jejunum, organic SP beet blend (organic swiss chard juice powder, organic beet (root), organic beet (leaf) juice powder), black currant juice, porcine stomach, betaine hydrochloride, bovine parotid PMG™ extract, organic shiitake mushroom powder, organic reishi mushroom powder, oat flour, porcine brain, bovine adrenal Cytosol™ extract, dandelion (root) (*Taraxacum officinale*), inositol, purified bovine bile salts, bovine bone, organic buckwheat (aerial parts), Spanish moss (Tillandsia usneoides), and organic pea vine.

#### **Guaranteed Analysis:**

Zinc (min) 14 mcg / 1/8 tsp. or 58 mcg / 1/2 tsp.

**Dose Schedule:** Based on body weight, the patient should receive the formula according to the following recommendations, or as otherwise directed.

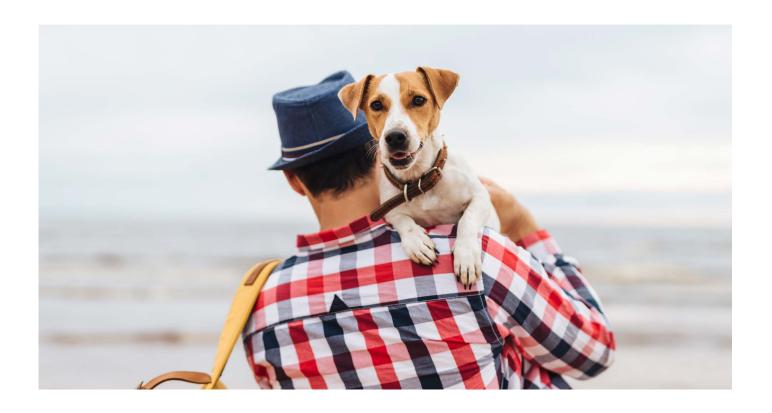
1-10 lbs 1/2 teaspoon 1x / day 11-20 lbs 1/4 teaspoon 2x / day 21-40 lbs 41-60 lbs 1/4 teaspoon 2x / day 1/2 teaspoon 2x / day 61-80 lbs 3/4 teaspoon 2x / day >80 lbs 1 teaspoon 2x / day

How to Administer: The powder can be mixed with or poured over the dog's food, mixed with water and administered by oral syringe, or made into a paste and given directly.

# Servings per Container:

A1300 65 based on 1/4 teaspoon A1350 75 based on 1/2 teaspoon

A  $\ensuremath{{1\!/}_{8}}$  teaspoon scoop is included with the small canine powder bottles, and a 1/2 teaspoon scoop is included with the large canine powder bottles









Standard Process

CANINE FLEX

# CANINE ENTERIC SUPPORT Introduced in 2002

A1400 - 1.1 oz (30 g) | A1450 - 3.9 oz (110 g)

A healthy digestive tract is critical to overall health and well-being. In addition to breakdown and absorption of nutrients, digestive health can also have a significant impact on other body systems (immune system, liver, bone marrow, or adrenal glands). Canine Enteric Support contains a variety of functional foods, both plant and animal, that "feed" the various components of the digestive system to:

- · Provide general digestive system support
- Support the ability of intestinal cells to function, regenerate, and respond to daily metabolic and immune challenges

#### Indications for Use:

- General enteric support
- · Patients with increased metabolic demand
- · Hepatic patients in need of additional enteric support

# Synergistic Product Support:

- · Canine Immune System Support
- · Canine Hepatic Support
- · Canine Whole Body Support

Ingredients: Porcine stomach, L-glutamine, porcine duodenum, porcine jejunum, defatted wheat germ, bovine liver, veal bone PMG™ extract, organic alfalfa (aerial parts) juice powder, bovine parotid PMG™ extract, bovine kidney, nutritional yeast, bovine liver PMG™ extract, bovine spleen, ovine spleen, bovine pancreas Cytosol™ extract, organic pea vine juice powder, bovine pancreas Cytosol™ extract, organic carrot, oat flour, organic shiitake mushroom powder, organic reishi mushroom powder, bovine orchic extract, rice bran, bovine pancreas PMG™ extract, Spanish moss (Tillandsia usneoides), organic SP beet blend (organic swiss chard juice powder, jlicorice (root), wheat germ oil, purified bovine bile salts, fat soluble extract from alfalfa (leaf) and sunflower seed, bovine parathyroid, bovine pituitary PMG™ extract, and calcium glycerophosphate.

#### **Guaranteed Analysis:**

 $\begin{array}{lll} \mbox{Phosphorus (min)} & 1 \mbox{ mg / 1/2 tsp. or 5 mg / 1/2 tsp.} \\ \mbox{Sodium (max)} & 4 \mbox{ mg / 1/2 tsp. or 30 mg / 1/2 tsp.} \\ \mbox{Riboflavin (min)} & 7 \mbox{ mg / 1/2 tsp. or 30 mg / 1/2 tsp.} \\ \mbox{Niacin (min)} & 50 \mbox{ mg / 1/2 tsp. or 0.2 mg / 1/2 tsp.} \\ \end{array}$ 

**Dose Schedule:** Based on body weight, the patient should receive the formula according to the following recommendations, or as otherwise directed.

**How to Administer:** The powder can be mixed with or poured over the dog's food, mixed with water and administered by oral syringe, or made into a paste and given directly.

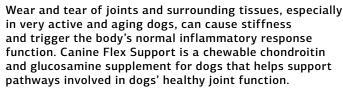
#### Servings per Container:

A1400 75 based on 1/2 teaspoon A1450 70 based on 1/2 teaspoon

A  $V_0$  teaspoon scoop is included with the small canine powder bottles, and a  $V_2$  teaspoon scoop is included with the large canine powder bottles.

# CANINE FLEX SUPPORT Introduced in 2011

Δ1480 - 100 Wafers



#### It provides nutrients that:

- · Support the body's normal inflammatory response
- Help support pathways involved in healthy joint function, including support for the cartilage
- · Contains antioxidant vitamins E and C
- Support healthy immune system function

# Indications for Use:

- Maintenance: especially for large breeds, performance dogs, and growing puppies
- For dogs in need of joint support, especially for active or aging dogs

# Synergistic Product Support:

· Canine Musculoskeletal Support

Ingredients: Glucosamine sulfate (from shellfish), chondroitin (as chondroitin sulfate), ginger (root), honey, bovine liver, ascorbic acid, calcium stearate, d-alpha tocopherol (vitamin E sunflower), modified tapioca starch, and turmeric (root) powder.

#### **Guaranteed Analysis:**

Vitamin E (min) 5 IU / wafer Ascorbic Acid (Vitamin C) (min) 5 mg / wafer Chondroitin (as chondroitin sulfate) (min) 110 mg / wafer Glucosamine Sulfate (from shellfish) (min) 250 mg / wafer

**Dose Schedule:** Based on body weight, the patient should receive the formula according to the following recommendations, or as otherwise directed.

How to Administer: The wafer can be given as a treat or crushed and mixed with the doo's food.

#### Servings per Container:

A1480 100 based on 1 wafer per serving



Please consult the actual product label for the most accurate product information. The synergistic products listed are for general reference only. Protocols should be devised by health care professionals according to each patient's individual needs

# CANINE HEMP OIL COMPLEX<sup>TM</sup> Introduced in 2018

A3030 - 60 Softgels

Canine Hemp Oil Complex™ is a hemp oil supplement for dogs with a 3-in-1 benefit of supporting dogs' endocannabinoid systems, inflammation response resolution pathways, and endogenous anti-oxidant pathways.

- · Contains 7.5 mg phytocannabinoids per softgel
- · Supports dogs' endocannabinoid system
- · Supports the canine body's natural inflammatory response
- · Supports endogenous antioxidant pathways
- · Contains ingredients that support antioxidant activity
- · Contains full spectrum, organic, non-genetically engineered hemp, grown on the Standard Process certified organic farm<sup>^</sup>

'Ingredients that are not grown on our farm, or if our supply is short, are sourced from certified organic farms

# We also offer VF Hemp Oil which is suitable for both dogs and cats.

**Caution:** If animal's condition worsens or does not improve, stop product administration and consult your veterinarian. Safe use in pregnant animals or animals intended for breeding has not been proven. Administer during or after the animal has eaten to reduce incidence of gastrointestinal upset.

Active Ingredients per Softgel:

Proprietary Blend 382 mg (Calamari oil, TrueBroc®\*, broccoli aerial parts) Omega-3 Fatty Acids (Calamari oil) 115 mg DHA (Calamari oil) EPA (Calamari oil) 65 mg 27.5 mg Organic Full Spectrum Hemp Extract 16.5 mg (contains 7.5 mg naturally occurring phytocannabinoids)
Glucoraphanin (TrueBroc®)\* 2.5 mg

TrueBroc® is protected by trademarks and patents of Brassica Protection Products LLC: www.brassica.com/ip

Inactive Ingredients: Beeswax, dimagnesium malate, gelatin, glycerine, organic extra virgin olive oil, and water.

#### **Guaranteed Analysis:**

EPA (min) DHA (min) 27.5 mg / softgel 65 mg / softgel Magnesium (min) 20 mg / softgel Glucoraphanin\* (min) Omega-3 Fatty Acids\* (min) 2.5 mg / softgel 115 mg / softgel Omega-6 Fatty Acids\* (min) 30 mg / softgel Phytocannabinoids\* (min) 7.5 mg / softgel

Dose Schedule: Administer orally. Can be given during or

1-10 lbs 1 softgel every other day 11-50 lbs 1 softgel 1x / day 51-100 lbs 2 softgels 1x / day >100 lbs 3 softgels 1x / day Or as directed by your veterinarian.

#### Servings per Container:

A3030 60 based on 1 softgel per serving

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Standard Process

CANINE HEMP OIL

COMPLEX

A3030

60 SOFTGELS

# CANINE HEPATIC SUPPORT Introduced in 2002

A1500 - 1.1 oz (30 g) | A1550 - 3.9 oz (110 g)

A dog's liver is a complex organ that interacts with most organs in the body, including the intestinal tract, cardiovascular system, kidneys, and autonomic nervous system. Nutritional support for the liver must address these interactions to be effective.

This product is formulated to support:

- · Bile production and flow
- · Hepatic immune function

# Indications for Use:

- · General hepatic support
- · Patients with increased metabolic demand

# **Synergistic Product Support:**

- · Canine Renal Support
- · Canine Enteric Support

Ingredients: Bovine liver PMG™ extract, bovine kidney, porcine duodenum, porcine stomach, veal bone PMG™ extract, porcine jejunum, wheat germ oil, defatted wheat germ, organic alfalfa (aerial parts) juice powder, bovine heart PMG™ extract, bovine liver, bovine orchic extract, ribonucleic acid, bovine spleen, ovine spleen, organic SP beet blend (organic swiss chard juice powder, organic beet (root), organic beet (leaf) juice powder), calcium lactate, organic reishi mushroom powder, organic shiitake mushroom powder, ginkgo biloba (whole leaf), nutritional yeast, rice bran, black currant seed oil, dandelion (root) (Taraxacum officinale), milk thistle extract (80% silymarins), oat flour, bovine liver fat extract, New Zealand green mussel (Perna canaliculus)(shellfish), calcium glycerophosphate, L-glutamine, selenium yeast, zinc amino acid (rice) chelate, organic Brussels sprouts (aerial parts), organic buckwheat (aerial parts) juice powder, organic buckwheat flour, porcine brain, bovine pituitary PMG™ extract, Spanish moss (Tillandsia usneoides), betaine hydrochloride, magnesium lactate, fat soluble extract from alfalfa (leaf) and sunflower seed, choline bitartrate, inositol, and ascorbic acid.

# **Guaranteed Analysis:**

0.6 mg / 1/8 tsp. or 2.5 mg / 1/2 tsp. Calcium (min) Magnesium (min) 200 mcg /  $\frac{1}{8}$  tsp. or 800 mcg /  $\frac{1}{2}$  tsp

Dose Schedule: Based on body weight, the patient should receive the formula according to the following recommendations, or as otherwise directed

¼ teaspoon 1x / day 11-20 lbs 21-40 lbs 1/2 teaspoon 2x / day 1/4 teaspoon 2x / day 41-60 lbs ½ teaspoon 2x / day 61-80 lbs 3/4 teaspoon 2x / day >80 lbs 1 teaspoon 2x / day

How to Administer: The powder can be mixed with or poured over the dog's food, mixed with water and administered by oral syringe, or made into a paste and given directly.

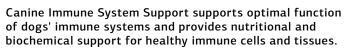
# Servings per Container:

70 based on 1/8 teaspoon 75 based on 1/2 teaspoon A1550

A  $\ensuremath{{1\!/}_{\!8}}$  teaspoon scoop is included with the small canine powder bottles, and a 1/2 teaspoon scoop is included with the large canine powder bottles.

# CANINE IMMUNE SYSTEM SUPPORT Introduced in 2002

A1610 - 1.1 oz (30 g) | A1660 - 3.9 oz (110 g)



# Canine Immune System Support:

- · Provides nutritional and biochemical support for the immune system
- · Supports healthy immune system function
- · Supports immune cell health
- · Supports endocrine health
- · Supports healthy inflammatory processes
- · Provides antioxidant support
- · Beneficial for dogs responding to common environmental challenges

# **Synergistic Product Support:**

- VF Thymex®
- · Canine Hepatic Support
- · Canine Enteric Support
- · Canine Whole Body Support

#### **Product Facts**

# Amount per 1/8 tsp. (260 mg):

Dried yeast fermentate (EpiCor® 33 mg Zinc (from Zn amino acid (rice) chelate) 1 mg Vitamin E (Sunflower oil) 0.3 mg lodine (Kelp) 0.03 mg

# **Proprietary Blend**

202 mg

Bovine spleen, bovine spleen PMG<sup>™</sup> extract, bovine thymus PMG<sup>™</sup> extract, bovine thymus Cytosol<sup>™</sup> extract, nutritional yeast, black currant (seed) oil, ashwagandha (Withania somnifera), organic reishi mushroom powder, organic shiitake mushroom powder, and eleuthero (Eleutherococcus senticosus).

With  ${\sf EpiCor}^{\circledcirc}$  dried yeast fermentate, a registered trademark of Embria Health Science, LLC.

Cautions: Safe use in pregnant animals or animals intended for breeding has not been proven. If animal's condition worsens or does not improve, stop product administration and consult your veterinarian.

For use in dogs. To support immune system.

Directions for use: Administer orally. Best if given with food. Includes 1/2 tsp. scoop.

#### **Dog Weight Schedule**

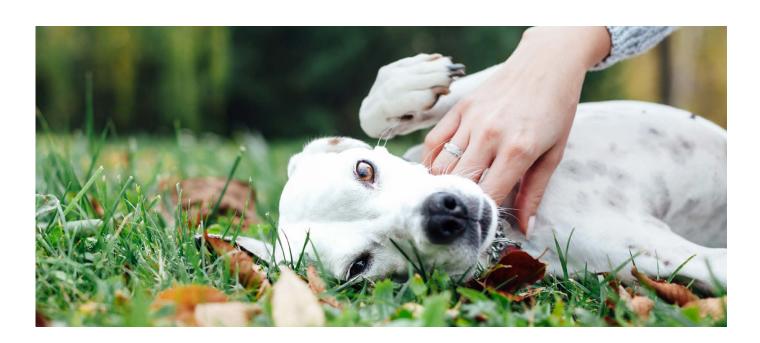
1-10 lbs	1/8 teaspoon 1x / day
11-20 lbs	1/8 teaspoon 2x / day
21-40 lbs	1/4 teaspoon 2x / day
41-60 lbs	½ teaspoon 2x / day
61-80 lbs	¾ teaspoon 2x / day
>80 lbs	1 teaspoon 2x / day

Warnings: For animal use only. Keep out of the reach of children and animals. In case of accidental overdose, contact a health professional immediately.

# Servings per Container

A1610 115 based on the 1/8 level teaspoon A1660 105 based on the 1/2 level teaspoon

A 1/8 teaspoon scoop is included with the small canine powder bottles, and a  $\ensuremath{{1\!\!\!/}}_{\!2}$  teaspoon scoop is included with the large canine powder bottles.



# CANINE MUSCULOSKELETAL SUPPORT Introduced in 2002

A1710 - 1 oz (30 g) | A1760 - 4.2 oz (120 g)

Canine Musculoskeletal Support is a supplement that supports the dogs' optimal musculoskeletal system, including bones, joints, muscles, tendons, and ligaments.

- Supports optimal musculoskeletal function
- · Provides manganese, an essential nutrient
- · Helps maintain optimal health and function
- · Supports healthy movement
- · Supports joint comfort & overall joint health
- · Contains Boswellia serrata, an herb associated with pathways that support healthy inflammatory processes
- · Contains Perna canaliculus, New Zealand green mussel, which is associated with joint health and comfort
- · Supports collagen formation
- · Supports healthy cartilage
- Supports bone health
- · Provides antioxidant support

# Synergistic Product Support:

- · Canine Hepatic Support
- · Canine Whole Body Support
- · Canine Flex Support

#### **Product Facts**

# Amount per 1/4 tsp. (600 mg):

Indian frankincense (Boswellia serrata) extract 191 mg New Zealand green mussel (Perna canaliculus) (shellfish)

Manganese (Mn Lactate)

0.18 mg

#### **Proprietary Blend**

Bovine liver, veal bone PMG<sup>™</sup> extract, organic beet (root), bovine trachea, bovine heart PMG™ extract, organic shiitake mushroom powder, organic reishi mushroom powder, and magnesium lactate.

Cautions: Safe use in pregnant animals or animals intended for breeding has not been proven. If animal's condition worsens or does not improve, stop product administration and consult your veterinarian.

For use in dogs. To support musculoskeletal health. Use in cats under veterinarian supervision only.

Directions for use: Administer orally. Best if given with food. Includes 1/8 tsp. scoop.

#### **Dog Weight Schedule**

1-10 lbs	1/4 teaspoon 1x / day
11-20 lbs	1/4 teaspoon 2x / day
21-40 lbs	½ teaspoon 2x / day
41-60 lbs	1 teaspoon 2x / day
61-80 lbs	1½ teaspoon 2x / day
>80 lbs	2 teaspoon 2x / day

Warnings: For animal use only. Keep out of the reach of children and animals. In case of accidental overdose, contact a health professional immediately.

#### Servings per Container

A1710 50 based on the 1/4 level teaspoon A1760 200 based on the 1/4 level teaspoon

A 1/8 teaspoon scoop is included with the small canine powder bottles, and a 1/2 teaspoon scoop is included with the large canine powder bottles.





# CANINE RENAL SUPPORT Introduced in 2002

A1800 - 1.1 oz (30 g) | A1850 - 3.9 oz (110 g)



For renal challenges, not only should the kidneys be supported but consideration should also be given to support of the liver, cardiovascular system, and autonomic nervous system.

- Provides support for the normal function of the kidneys
- · Supports the liver, cardiovascular system, and nervous system

#### Indications for Use:

- Patients in need of renal support
- · Hepatic patients in need of additional renal support

# Synergistic Product Support:

- · Canine Hepatic Support
- · Canine Cardiac Support
- · Canine Whole Body Support

**Ingredients:** Bovine kidney, organic kidney bean (aerial parts) juice powder, oat flour, bovine liver, ribonucleic acid, veal bone, nutritional yeast, bovine orchic Cytosol™ extract organic beet (root), organic pea vine juice powder, organic buckwheat (aerial parts) juice powder, organic buckwheat flour, organic alfalfa (aerial parts) juice powder, bovine kidney PMG™ extract, bovine spleen, ovine spleen, rice bran, bovine thyroid PMG™ extract (processed to substantially remove its thyroxine), organic carrot, black currant seed oil, wheat germ oil, organic shiitake mushroom powder, organic reishi mushroom powder, kelp, bovine adrenal, black currant juice, maltodextrin, enzymatically processed Spanish moss (Tillandsia usneoides) and beet (root), bovine pituitary PMGTM extract, fat soluble extract from alfalfa (leaf) and sunflower seed, manganese glycerophosphate, and organic beet (leaf) juice powder.

#### **Guaranteed Analysis:**

Sodium (max) 5 mg /  $\frac{1}{2}$  tsp. or 20 mg /  $\frac{1}{2}$  tsp. Chloride (min) 2.5 mg /  $\frac{1}{2}$  tsp. or 10 mg /  $\frac{1}{2}$  tsp.

Dose Schedule: Based on body weight, the patient should receive the formula according to the following recommendations, or as otherwise directed.

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

How to Administer: The powder can be mixed with or poured over the dog's food, mixed with water and administered by oral syringe, or made into a paste and given directly.

#### Servings per Container:

70 based on 1/2 teaspoon A1800 A1850 75 based on 1/2 teaspoon

A 1/4 teaspoon scoop is included with the small canine powder bottles, and a 1/2 teaspoon scoop is included with the large canine powder bottles



# CANINE THYROID SUPPORT Introduced in 2002

A1900 - 0.9 oz (25 g) | A1950 - 3.5 oz (100 g)

The endocrine system has an interesting web of interactions with different organs in the body, and the thyroid gland plays a major role.

- Provides critical trace mineral support for the thyroid gland
- · Supports glands and tissues that interact with the thyroid, including the adrenals and liver
- · Supports all aspects of thyroid function

# Indications for Use:

- General thyroid support
- · Patients with increased metabolic demand

# Synergistic Product Support:

- · Canine Whole Body Support
- · Canine Hepatic Support

Ingredients: Eleuthero (Eleutherococcus senticosus), bovine liver, bovine orchic extract, bovine adrenal, bovine thyroid PMG™ extract (processed to substantially remove its thyroxine), New Zealand green mussel (*Perna canaliculus*) (shellfish), Spanish moss (*Tillandsia usneoides*), calcium lactate, bovine adrenal PMGTM extract, sunflower lecithin, porcine ovary CytosolTM extract, organic shiitake mushroom powder, organic reishi mushroom powder, organic buckwheat (aerial parts) juice powder, organic buckwheat flour, kelp, wheat germ oil, bovine bone, rice bran, organic pea vine juice powder, defatted wheat germ, organic alfalfa (aerial parts) juice powder, bovine heart PMG™ extract, ribonucleic acid, porcine duodenum, oat flour, porcine brain, calcium glycerophosphate, and ascorbic acid.

# **Guaranteed Analysis:**

Calcium (min) 2 mg / ½ tsp. or 8 mg / ½ tsp.
Phosphorus (min) 1.25 mg / ½ tsp. or 5 mg / ½ tsp.
Sodium (max) 6 mg / ½ tsp. or 25 mg / ½ tsp.

Dose Schedule: Based on body weight, the patient should receive the formula according to the following recommendations, or as otherwise directed.

1-10 lbs 11-20 lbs 1/2 teaspoon 1x/day ⅓ teaspoon 2x/day 21-40 lbs ¼ teaspoon 2x/day 41-60 lbs 61-80 lbs ½ teaspoon 2x/day 3/4 teaspoon 2x/day >80 lbs 1 teaspoon 2x/day

How to Administer: The powder can be mixed with or poured over the dog's food, mixed with water and administered by oral syringe, or made into a paste and given directly.

# Servings per Container:

65 based on 1/8 teaspoon A1900 A1950 80 based on 1/2 teaspoon

A 1/4 teaspoon scoop is included with the small canine powder bottles, and a 1/2 teaspoon scoop is included with the large canine powder bottles.

# CANINE WHOLE BODY SUPPORT Introduced in 2002

Canine Whole Body Support provides general multisystem support for daily maintenance of all dogs' body systems.

Contains essential nutrients important for:

A2000 - 0.9 oz (25 g) | A2050 - 3.5 oz (100 g)

- · The musculoskeletal system
- · Energy and nutrient metabolism
- The central nervous system
- · Keratinization/melanin formation/skin and coat health
- · The antioxidant system
- · Also contains calcium, iron, and zinc

# Indications for Use:

- · Daily supplement for any patient
- · Growing animals
- Performance/working animals
- · Senior animals

# **Synergistic Product Support:**

- Canine Immune System Support
- · Canine Renal Support
- · Canine Cardiac Support
- · Canine Enteric Support

Ingredients: Defatted wheat germ, bovine liver, organic pea vine juice powder, nutritional yeast, rice bran, organic carrot, organic alfalfa (aerial parts) juice powder, milk thistle extract (80% silymarins), organic beet (root), porcine stomach, oat flour, bovine heart PMG™ extract, Spanish moss (Tillandsia usneoides), L-carnitine, organic Brussels sprouts (aerial parts), bovine orchic Cytosol extract, bovine spleen, ovine spleen, kidney bean (aerial parts) juice powder, kelp, bovine liver  $PMG^{^{\infty}}$  extract, bovine trachea, bovine bone, bovine kidney  $PMG^{^{\infty}}$ extract, bovine kidney, choline bitartrate, inositol, thiamin hydrochloride, bovine adrenal Cytosol™ extract, celery (aerial parts), bovine liver fat extract, veal bone, organic shiitake mushroom powder, organic reishi mushroom powder, calcium lactate, bovine adrenal PMG™ extract, copper amino acid (rice) chelate, iron amino acid (rice) chelate, manganese glycerophosphate, bovine pituitary PMG™ extract, carbamide, zinc amino acid (rice) chelate, sunflower lecithin, porcine brain, and ascorbic acid.

#### **Guaranteed Analysis:**

Calcium (min) 1.25 mg /  $\frac{1}{8}$  tsp. or 5 mg /  $\frac{1}{2}$  tsp.  $3.5 \text{ mg} / \frac{1}{8} \text{ tsp. or } 14 \text{ mg} / \frac{1}{2} \text{ tsp.}$ Sodium (max) Iron (min) 125 mcg /  $\frac{1}{8}$  tsp. or 500 mcg /  $\frac{1}{2}$  tsp. 50 mcg /  $\frac{1}{8}$  tsp. or 200 mcg /  $\frac{1}{2}$  tsp. Copper (min) Manganese (min) 150 mcg /  $\frac{1}{8}$  tsp. or 600 mcg /  $\frac{1}{2}$  tsp. Zinc (min) 75 mcg /  $\frac{1}{8}$  tsp. or 300 mcg /  $\frac{1}{2}$  tsp.

Dose Schedule: Based on body weight, the patient should receive the formula according to the following recommendations, or as otherwise directed.

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

How to Administer: The powder can be mixed with or poured over the dog's food, mixed with water and administered by oral syringe, or made into a paste and given directly.

# Servings per Container:

65 based on 1/8 teaspoon A2000 A2050 70 based on 1/2 teaspoon

A 1/8 teaspoon scoop is included with the small canine powder bottles, and a 1/2 teaspoon scoop is included with the large canine powder bottles.





# FELINE CARDIAC SUPPORT Introduced in 2002



A5005 - 90 Tablets

The heart is at the center of the cardiovascular system, which is a complex, coordinated group of organs and tissues. Nutritional support for the cardiovascular system also includes the organs that support the heart, such as the liver, kidneys, and digestive system.

- Provides nutrients that support optimal cardiac function
- Supports normal function of muscle cells

#### Indications for Use:

- General cardiac support
- · Patients with increased cardiac demand or conditions that increase cardiac workload

# Synergistic Product Support:

- · Feline Renal Support
- · Feline Hepatic Support
- · Feline Whole Body Support

Ingredients: Bovine heart PMG™ extract, bovine orchic Cytosol™ extract, bovine adrenal, bovine liver, Spanish moss (*Tillandsia usneoides*), organic alfalfa (aerial parts) juice powder, L-carnitine, bovine kidney, bovine spleen, ovine spleen, amla extract, rice bran, organic buckwheat (aerial parts) juice powder, organic buckwheat flour, organic pea vine juice powder, nutritional yeast, bovine adrenal Cytosol™ extract, hawthorn (berry), kelp, ribonucleic acid, kelp, wheat germ oil, oat flour, and bone meal

Other Ingredients: Honey, maltodextrin, and calcium stearate.

#### **Guaranteed Analysis:**

1 mg / tablet Calcium (min) Potassium (min) 5 mg / tablet 3 mg / tablet Sodium (max) Manganese (min) 3.5 mcg / tablet

How to Administer: The feline patient should receive one tablet two times per day, or as directed. Feline formulas can be administered in a variety of ways, including:

- · Whole tablet or crushed
- . Dosed directly or mixed with food
- · Cautiously, as a powder suspended in water given by oral syringe

To familiarize the cat with the supplement, it may be helpful to place one tablet beside the food bowl for two or three days prior to mixing the tablet with the food.

# Servings per Container:

90 based on 1 tablet per serving





# FELINE ENTERIC SUPPORT Introduced in 2002

A5105 - 90 Tablets

A healthy digestive tract is critical to overall health and well-being. In addition to affecting breakdown and absorption of nutrients, the digestive health of an animal can also have a significant impact on other body systems (immune system, liver, bone marrow, or adrenal glands).

This product contains a variety of functional foods, both plant and animal, that "feed" the various components of the digestive system to:

- · Provide general digestive system support
- · Support the ability of intestinal cells to function, regenerate, and respond to daily metabolic and immune challenges

# Indications for Use:

- · General enteric support
- · Patients with increased metabolic demand
- · Hepatic patients in need of additional enteric support

# **Synergistic Product Support:**

- Feline Immune System Support
- · Feline Hepatic Support
- Feline Whole Body Support

Ingredients: Porcine jejunum, bovine liver, procine stomach, L-glutamine, porcine duodenum, bovine spleen, ovine spleen, defatted wheat germ, rice bran, nutritional yeast, bovine kidney, organic alfalfa (aerial parts) juice powder, New Zealand green mussel (Perna canaliculus) (shellfish), veal bone PMG™ extract, and fat soluble extract from alfalfa (leaf) and sunflower

Other Ingredients: Honey and calcium stearate.

# **Guaranteed Analysis:**

3.5 mcg / tablet Manganese (min)

How to Administer: The feline patient should receive one tablet two times per day, or as directed. Feline formulas can be administered in a variety of ways, including:

- Whole tablet or crushed
- · Dosed directly or mixed with food
- Cautiously, as a powder suspended in water given by oral syringe

To familiarize the cat with the supplement, it may be helpful to place one tablet beside the food bowl for two or three days prior to mixing the tablet with the food.

#### Servings per Container:





Standard Process

A5305

90 TABLETS

# FELINE HEPATIC SUPPORT Introduced in 2002

A5205 - 90 Tablets

The liver is a complex organ that interacts with most organs in the body, including the intestinal tract, cardiovascular system, kidneys, and autonomic nervous system. Nutritional support for the liver must address these interactions to be effective. This product is formulated to support:

- · Liver metabolism
- · Hepatic circulation, bile production and flow
- Hepatic immune function

#### Indications for Use:

- · General hepatic support
- · Patients with increased metabolic demand

# Synergistic Product Support:

- · Feline Renal Support
- Feline Enteric Support
- · Feline Whole Body Support

Ingredients: Boyine liver PMGTM extract, boyine liver boyine kidney, bovine spleen, ovine spleen, L-glutamine, porcine stomach, amla extract, bovine bone, organic pea vine juice powder, porcine duodenum, New Zealand green mussel (*Perna canaliculus*) (shellfish), organic buckwheat (aerial parts) juice powder, organic buckwheat flour, defatted wheat germ, oat flour, bovine kidney PMG™ extract, nutritional yeast, bovine liver fat extract (yakriton), bovine adrenal, organic SP beet blend (organic swiss chard juice powder, organic beet (root), organic beet (leaf) juice powder), milk thistle extract (80% silymarins), choline bitartrate, inositol, organic alfalfa (aerial parts) juice powder, rice bran, enzymatically processed Spanish moss (Tillandsia usneoides) and beet (root), copper amino acid (rice) chelate, iron amino acid (rice) chelate, and zinc amino acid (rice) chelate

Other Ingredients: Honey, maltodextrin, and calcium stearate.

# **Guaranteed Analysis:**

7 mg / tablet Sodium (max) Chloride (min) 7 mg / tablet 150 mcg / tablet Iron (min) Copper (min) 15 mcg / tablet Zinc (min) 21 mcg / tablet

How to Administer: The feline patient should receive one tablet two times per day, or as directed. Feline formulas can be administered in a variety of ways, including:

- Whole tablet or crushed
- · Dosed directly or mixed with food
- · Cautiously, as a powder suspended in water given by oral syringe

To familiarize the cat with the supplement, it may be helpful to place one tablet beside the food bowl for two or three days prior to mixing the tablet with the food.

#### Servings per Container:

# FELINE IMMUNE SYSTEM SUPPORT Introduced in 2002

A5305 - 90 Tablets

The immune system is a complex array of cells that are found throughout the body. Immune cells are designed to work in conjunction with each other to provide a defense against unwanted invaders. The complexity of the immune system requires a multidimensional approach to nutritional factors. Nutritional support of the immune system is directed at facilitating normal function and is not intended to be suppressive or stimulating.

- · Provides nutritional and biochemical support for healthy immune cells and tissues
- · Supports optimal immune system function

# Indications for Use:

- General immune system support
- · Colder climates or during the fall/winter months
- · When kenneled or in a shelter

# Synergistic Product Support:

- VF Thymex<sup>®</sup>
- Feline Whole Body Support
- · Feline Enteric Support

Ingredients: Eleuthero (Eleutherococcus senticosus), bovine liver, L-glutamine, porcine jejunum, bovine orchic Cytosol™ extract, bovine thymus Cytosol™ extract, ribonucleic acid, amla extract, bovine spleen PMG™ extract, bovine pituitary PMG™ extract, bovine adrenal Cytosol™ extract, organic pea vine juice powder, bovine spleen, ovine spleen, organic buckwheat (aerial parts) juice powder, organic buckwheat flour, bovine kidney, oat flour, organic alfalfa (aerial parts) juice powder, copper amino acid (rice) chelate, iron amino acid (rice) chelate, zinc amino acid (rice) chelate, kelp, and bovine pancreas PMG<sup>™</sup> extract.

Other Ingredients: Honey, maltodextrin, and calcium stearate.

# **Guaranteed Analysis:**

3.5 mg / tablet Potassium (min) 140 mcg / tablet Iron (min) Copper (min) 20 mcg / tablet 70 mcg / tablet Zinc (min)

How to Administer: The feline patient should receive one tablet two times per day, or as directed. Feline formulas can be administered in a variety of ways, including:

- · Whole tablet or crushed
- Dosed directly or mixed with food
- Cautiously, as a powder suspended in water given by oral syringe

To familiarize the cat with the supplement, it may be helpful to place one tablet beside the food bowl for two or three days prior to mixing the tablet with the food.

# Servings per Container:

90 based on 1 tablet per serving





# Standard Process FELINE RENAL A5405 00 TABLETS

# 24.0 PM

# FELINE RENAL SUPPORT Introduced in 2002

A5405 - 90 Tablets

For renal challenges, not only should the kidneys be supported but consideration should also be given to support of the liver, cardiovascular system, and autonomic nervous system.

- Facilitates support and natural rehabilitation of the kidneys
- · Provides balanced cellular nutrition for all aspects of urinary system function

# Indications for Use:

- · Patients in need of renal support
- · Hepatic patients in need of additional renal support

# **Synergistic Product Support:**

- · Feline Hepatic Support
- Feline Cardiac Support
- · Feline Whole Body Support

**Ingredients:** Bovine kidney PMG<sup>TM</sup> extract, bovine kidney, bovine liver, veal bone PMG<sup>TM</sup> extract, bovine bone, defatted wheat germ, organic buckwheat (aerial parts) juice powder, organic buckwheat flour, bovine spleen, ovine spleen, organic alfalfa (aerial parts) juice powder, organic pea vine juice powder, oat flour, bovine adrenal Cytosol™ extract, amla extract, ribonucleic acid, organic kidney bean (aerial parts) juice powder, bovine heart PMG™ extract, New Zealand green mussel (Perna canaliculus) (shellfish), Spanish moss (Tillandsia usneoides), rice bran, enzymatically processed Spanish moss (Tillandsia usneoides) and beet (root), organic SP beet blend (organic swiss chard juice powder, organic beet (root), organic beet (leaf) juice powder), and porcine duodenum

Other Ingredients: Honey and calcium stearate.

# **Guaranteed Analysis:**

Calcium (min) 3.5 mg / tablet Phosphorus (min) 2.4 mg / tablet 15 mg / tablet Sodium (max)

How to Administer: The feline patient should receive one tablet two times per day, or as directed. Feline formulas can be administered in a variety of ways, including:

- · Whole tablet or crushed
- · Dosed directly or mixed with food
- Cautiously, as a powder suspended in water given by oral syringe

To familiarize the cat with the supplement, it may be helpful to place one tablet beside the food bowl for two or three days prior to mixing the tablet with the food

#### Servings per Container:

90 based on 1 tablet per serving

# FELINE WHOLE BODY SUPPORT Introduced in 2002

#### A5505 - 90 Tablets

Supplements made with whole food ingredients, organ and tissue extracts, botanicals, and other ingredients can fill nutrition gaps.

- Provides general multisystem support for daily maintenance of all body systems with emphasis on a healthy endocrine
- · Is an excellent nutritional foundation for use with all other system-support formulas

# Indications for Use:

- · Daily supplement for any patient
- · Growing animals
- · Endocrine system support
- · Senior animals

# **Synergistic Product Support:**

- · Feline Hepatic Support
- · Feline Enteric Support
- Feline Renal Support
- Feline Cardiac Support
- · Feline Immune System Support

Ingredients: Bovine liver, organic alfalfa (aerial parts) juice powder, bovine liver PMG™ extract, bovine trachea, bovine bone, bovine heart PMG™ extract, bovine spleen, ovine spleen, L-glutamine, rice bran, porcine jejunum, amla extract, bovine kidney PMG<sup>TM</sup> extract, bovine kidney, oat flour, bovine adrenal Cytosol™ extract, nutritional yeast, organic pea vine juice powder, organic SP beet blend (organic swiss chard juice powder, organic beet (root), organic beet (leaf) juice powder), organic buckwheat (aerial parts) juice powder, organic buckwheat flour, bovine orchic Cytosol™ extract, chromium yeast, New Zealand green mussel (Perna canaliculus) (shellfish), zinc amino acid (rice) chelate, L-carnitine, kidney bean (aerial parts) juice powder, defatted wheat germ inositol, choline bitartrate, enzymatically processed Spanish moss (Tillandsia usneoides) and beet (root).

Other Ingredients: Honey, maltodextrin, and calcium stearate.

# **Guaranteed Analysis:**

Sodium (max) 5 mg / tablet 180 mcg / tablet Zinc (min) Chromium (min) 5 mcg / tablet

How to Administer: The feline patient should receive one tablet two times per day, or as directed. Feline formulas can be administered in a variety of ways, including:

- · Whole tablet or crushed
- · Dosed directly or mixed with food
- Cautiously, as a powder suspended in water given by oral syringe

To familiarize the cat with the supplement, it may be helpful to place one tablet beside the food bowl for two or three days prior to mixing the tablet with the food.

#### Servings per Container:

90 based on 1 tablet per serving



# Equine Formulas

The equine formulas contain ingredients derived from vegetables, herbs, and fruits to deliver beneficial components, with other functional ingredients. Safe and effective, these formulas were developed to target the nutritional demands of specific systems. The equine formulas are in powder form and do not contain any animal tissues. Each formula can be used for either short- or long-term support.

# **FEEDING TIPS**

- · Start slowly by mixing a small amount of powder into the feed.
- Add the powder to the feed and dampen with water. (Spray bottles can be helpful.) Shake
  the container to mix the powder with the feed. This will also prevent the powder from
  settling in the bottom of the feeding container.
- Mix with unsweetened applesauce and add to the horse's feed or syringe directly into the horse's mouth.
- · Add to a mash made of commonly found low-starch pelleted feeds or soaked hay cubes.

# Standard Process



# EQUINE GI SUPPORT Introduced in 2011

E7700 - 30 ounces (850 g)

Equine GI Support is a powder supplement for horses that supports antioxidant signaling pathways

· Provides prebiotic inulin

# Indications for Use:

- · Horses in training
- · Horses with limited access to pasture
- · Horses experiencing a change in routine
- · Horses that travel
- · Horses with limited turnout

Caution: For equine use only. Keep out of reach of children.

Ingredients: Whey protein (milk), flax meal, L-glutamine, inulin (chicory root fiber), rice protein, organic Brussels sprouts (whole plant), organic kale (aerial parts), calcium citrate, magnesium citrate, organic buckwheat (aerial parts), chamomile extract, inositol, organic alfalfa (aerial parts) juice powder, d-alpha tocopherol (vitamin E sunflower), modified tapioca starch, sunflower lecithin powder, choline bitartrate, grape seed extract, and organic carrot.

Serving Size: 1/4 cup (30 g) Servings per Container: 28

Suggested Use: 1/4 cup (30 g) per 1,000 lb. horse per day,





# EQUINE IMMUNE SUPPORT Introduced in 2002

E7800 - 30 ounces (850 g)

Equine Immune Support is an immune system support supplement for horses that supports the innate and adaptive immune response.

- Encourages and supports the innate and adaptive immune response that is necessary for the health, performance, and stamina of the horse
- · Powder format for simple addition to food
- · Unique formula includes an array of ingredients derived from functional foods that may support immune cell health
- · Contains turmeric and antioxidant Vitamin A

Caution: For equine use only. Keep out of reach of children.

Ingredients: Whey protein (milk), turmeric (root) powder, flax meal, L-glutamine, rice protein, yeast culture, turmeric (root) extract, organic turkey tail mushroom powder, organic shiitake mushroom powder, organic reishi mushroom powder, calcium citrate, magnesium citrate, organic buckwheat (aerial parts), organic kale (aerial parts), organic Brussels sprouts (aerial parts), choline bitartrate, inositol, organic alfalfa (aerial parts) juice powder, dried yeast fermentate (EpiCor®), sunflower lecithin powder, modified corn starch, grape seed extract, sucrose, acacia gum, organic carrot, vitamin A palmitate, and cholecalciferol.

Serving Size: 1/4 cup (30 g). Servings per Container: 28

Suggested Use: 1/4 cup (30 g) per 1,000 lb. horse per day,

# EQUINE METABOLIC SUPPORT Introduced in 2008

E7900 - 40 ounces (1,134 g)

The realities of modern equine management may result in challenges to the metabolic processes of the horse. Identifying early signs of these challenges and responding with management suggestions and nutritional support is critical for the overall health of the horse.

• Contains nutrients and herbs that may support metabolic and antioxidant signaling pathways.

Ingredients: Organic buckwheat flour, organic carrot, cinnamon, licorice (root), green tea (leaf) extract, organic cayenne pepper (Capsicum annuum), chromium yeast, and vanadium chelate (rice flour and L-aspartic acid).

Serving Size: 1/4 cup (37 g) Servings per Container: 30

Suggested Use:  $\frac{1}{4}$  cup (37 g) per 1,000 lb. horse per day, or as directed.



#### Indications for Use:

- · Horses in need of nutritional support
- · Horses trying to maintain a healthy weight

Caution: For equine use only. Keep out of reach of children.



# EQUINE MOBILITY SUPPORT Introduced in 2006

E8000 - 40 ounces (1,134 g)

Equine Mobility Support is a supplement that may help a horse by promoting healthy joint function, flexibility, and mobility.

Equine Mobility Support is a unique blend of whole foods and other ingredients that may help a horse by:

- · Promoting healthy joint function, flexibility, and mobility
- · Supplying antioxidants
- · Supporting a healthy inflammatory response

# Indications for Use:

- · Horses in regular training
- · Horses on rest due to a mobility challenge
- · Geriatric or retired horses

Key Ingredients: Glucosamine sulfate, chondroitin sulfate, wheat germ oil, flax meal, ginger<sup>†</sup>

**Caution:** For equine use only. Keep out of reach of children.

1. Van Weeren, P. R., and Back, W. (2016). Veterinary Clinics of North America: Equine Practice, 32(2), 229-247. doi:10.1016/j. cveg.2016.04.003

2. Hansen, S., Baptiste, K. E., Fjeldborg, J., and Horohov, D. W. (2015). A review of the equine age-related changes in the immune system comparisons between human and equine aging, with focus on lung-specific immune-aging. Ageing Research Reviews, 20, 11-23 doi:10.1016/j.arr.2014.12.002.

†This ingredient could be considered a controlled substance by certain entities that govern equine competitions. We advise those who feed any supplement to competing horses to check with the governing body specific to the event regarding whether the product contains ingredients that could be considered a controlled substance

# EQUINE PERFORMANCE Introduced in 2011

E8100 - 30 ounces (850 g)

Equine Performance, a supplement for horses, may support the antioxidant pathways associated with exercise.

· Contains whole foods and nutrients

# Indications for Use:

- · Horses preparing for, participating in, or recovering from competition
- · Horses preparing for, participating in, or recovering from travel
- · Horses in demanding or rigorous training programs

Caution: For equine use only. Keep out of reach of children.

**Ingredients:** Whey protein (milk), flax meal, L-glutamine, glutamic acid, nutritional yeast, rice protein, tart cherry powder, ribonucleic acid, calcium citrate, magnesium citrate, selenium

yeast, organic buckwheat (aerial parts), organic Brussels sprouts (aerial parts), organic kale (aerial parts), choline bitartrate,

Ingredients: Flax meal, glucosamine sulfate (from shellfish),

ginger (root), chondroitin (as chondroitin sulfate), wheat germ

Suggested Use: 1/4 cup (33 g) per 1,000 lb. horse per day,

oil, honey powder, wheat starch, and cinnamon.

Serving Size: 1/4 cup (33 g)

Servings per Container: 30

or as directed.

inositol, organic alfalfa (aerial parts) juice powder, sunflower lecithin powder, grape seed extract, and organic carrot. Serving Size: 1/4 cup (30 a) Servings per Container: 28

Suggested Use: 1/4 cup (30 g) per 1,000 lb. horse per day,



Standard Process





# PUPPY PACK Introduced in 2022



A60400 - 1 Kit

The key to optimal health is a diet rich in a variety of complex nutrients, and young dogs have nutritional needs beyond what their regular diets may provide. The Puppy Pack is intended to introduce dogs to the wonderful differences that proper nutrition can make.

# Included in the Puppy Pack is:

- 1 Small Canine Whole Body Support (see page 22)
- 1 Small Canine Immune System Support (see page 19)
- 1 Puppy Pack Parent Brochure
- 1 Collapsible Water Bowl





# KITTEN KIT Introduced in 2022



#### A50000 - 1 Kit

The key to optimal health is a diet rich in a variety of complex nutrients, and young cats have nutritional needs beyond what their regular diets may provide. The Kitten Kit is intended to introduce cats to the wonderful differences that proper nutrition can make.

# Included in the Kitten Kit is:

- 1 Feline Whole Body Support (see page 26)
- 1 Feline Immune System Support (see page 25)
- 1 Kitten Kit Parent Brochure
- 1 Beet Catnip Toy





# Key Ingredient Cross-Reference

Adrenal

Canine Adrenal Support, Canine Renal Support, Canine Thyroid Support, Feline Cardiac Support, Feline Hepatic Support

# Adrenal Cytosol™ Extract

Canine Adrenal Support, Canine Dermal Support, Canine Whole Body Support, Feline Cardiac Support, Feline Immune System Support, Feline Renal Support, Feline Whole Body Support

# Adrenal PMG™ Extract

Canine Adrenal Support, Canine Dermal Support, Canine Enteric Support, Canine Thyroid Support, Canine Whole Body Support

# Alfalfa Juice

Canine Adrenal Support, Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Renal Support, Canine Thyroid Support, Canine Whole Body Support, Feline Cardiac Support, Feline Enteric Support, Feline Hepatic Support, Feline Immune System Support, Feline Renal Support, Feline Whole Body Support

#### Antronex® Base

Canine Dermal Support, Canine Hepatic Support, Canine Whole Body Support, Feline Hepatic Support

# **Arginex**® **Base** (Extract of Rhizopus oryzae Grown on Tillandsia usneoides and Beet Root)

Canine Renal Support, Feline Hepatic Support, Feline Renal Support, Feline Whole Body Support

# Beet Leaf Juice

Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Feline Hepatic Support, Feline Renal Support, Feline Whole Body Support

# **Beet Root**

Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Musculoskeletal Support, Canine Renal Support, Canine Whole Body Support, Feline Hepatic Support, Feline Renal Support, Feline Whole Body Support

# Black Currant Juice

Canine Adrenal Support, Canine Dermal Support, Canine Renal Support

# Black Currant Seed Oil

Canine Hepatic Support, Canine Immune System Support, Canine Renal Support

# Bone Meal

Canine Dermal Support, Canine Thyroid Support, Canine Whole Body Support, Feline Cardiac Support, Feline Hepatic Support, Feline Renal Support, Feline Whole Body Support

# Boswellia serrata (Boswellia)

Canine Musculoskeletal Support

Use this quick reference to find the products that contain specific ingredients as one of their primary ingredients. Please consult the actual product label for the most accurate product information.

#### **Bovine Bile Salts**

Canine Dermal Support, Canine Enteric Support

# **Brussels Sprouts**

Equine GI Support, Equine Performance, Equine Immune Support

#### **Buckwheat**

Canine Adrenal Support, Canine Cardiac Support, Canine Hepatic Support, Canine Renal Support, Canine Thyroid Support, Feline Cardiac Support, Feline Hepatic Support, Feline Immune System Support, Feline Renal Support, Feline Whole Body Support, Equine Metabolic Support, Equine GI Support, Equine Performance, Equine Immune Support

# Calcium Glycerophosphate

Canine Enteric Support, Canine Hepatic Support, Canine Thyroid Support

# Calcium Lactate

Canine Cardiac Support, Canine Dermal Support, Canine Hepatic Support, Canine Thyroid Support, Canine Whole Body Support, VF Antronex®, VF Thymex®

# Carrot

Canine Adrenal Support, Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Renal Support, Canine Whole Body Support

# Cavenne

Equine Metabolic Support

# Chamomile Extract

Equine GI Support

### Chlorophyll Extract

Canine Adrenal Support, Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Renal Support, Feline Enteric Support

# Choline Bitartrate

Canine Cardiac Support, Canine Hepatic Support, Canine Whole Body Support, Feline Hepatic Support, Feline Whole Body Support

#### Chondroitin Sulfate

Canine Flex Support, Equine Mobility Support

#### Chromium

Equine Metabolic Support

# Cinnamon

Equine Metabolic Support, Equine Mobility Support

# Copper Rice Chelate

Canine Whole Body Support, Feline Immune System Support

# Crataegus oxyacantha (Hawthorn)

Canine Cardiac Support, Feline Cardiac Support

# Duodenum

Canine Adrenal Support, Canine Enteric Support, Canine Hepatic Support, Canine Thyroid Support, Feline Enteric Support, Feline Hepatic Support, Feline Renal Support

# **Eleutherococcus senticosus** (Eleuthero)

Canine Adrenal Support, Canine Immune System Support, Canine Thyroid Support, Feline Immune System Support

# Fish Oil

VF Omega-3

# Flax Meal

Equine Mobility Support

## Ginger

Canine Flex Support, Equine Mobility Support

# Glucosamine Sulfate

Canine Flex Support, Equine Mobility Support

# Glutamic Acid

Equine Performance

# Green Tea (Leaf) Extract

Equine Metabolic Support

# Heart PMG™ Extract

Canine Cardiac Support, Canine Hepatic Support, Canine Musculoskeletal Support, Canine Thyroid Support, Canine Whole Body Support, Feline Cardiac Support, Feline Renal Support, Feline Whole Body Support

# Hemp Oil

VF Hemp Oil, Canine Hemp Oil Complex™

#### Inositol

Canine Cardiac Support, Canine Dermal Support, Canine Hepatic Support, Canine Whole Body Support, Feline Hepatic Support, Feline Whole Body Support

#### Inulin

Equine GI Support

# Iron Rice Chelate

Canine Whole Body Support, Feline Hepatic Support, Feline Immune System Support

# Jejunum

Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Feline Enteric Support, Feline Immune System Support, Feline Whole Body Support

#### Kale

Equine GI Support, Equine Performance, Equine Immune Support

# Kelp

Canine Adrenal Support, Canine Immune System Support, Canine Renal Support, Canine Thyroid Support, Canine Whole Body Support, Feline Cardiac Support, Feline Immune System Support

## Kidney

Canine Adrenal Support, Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Renal Support, Canine Whole Body Support, Feline Cardiac Support, Feline Enteric Support, Feline Hepatic Support, Feline Immune System Support, Feline Renal Support, Feline Whole Body Support

# Kidney Bean Extract

Canine Renal Support, Canine Whole Body Support, Feline Renal Support, Feline Whole Body Support

# Kidney PMG™ Extract

Canine Renal Support, Canine Whole Body Support, Feline Hepatic Support, Feline Renal Support, Feline Whole Body Support

## L-carnitine

Canine Cardiac Support, Canine Whole Body Support, Feline Cardiac Support, Feline Whole Body Support

# L-glutamine

Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Feline Enteric Support, Feline Hepatic Support, Feline Immune System Support, Feline Whole Body Support, Equine GI Support, Equine Immune, Equine Performance

# Licorice Root

Equine Metabolic Support

#### Liver

Canine Adrenal Support, Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Flex Support, Canine Hepatic Support, Canine Musculoskeletal Support, Canine Renal Support, Canine Thyroid Support, Canine Whole Body Support, Feline Cardiac Support, Feline Enteric Support, Feline Hepatic Support, Feline Immune System Support, Feline Renal Support, Feline Whole Body Support

# Liver PMG™ Extract

Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Whole Body Support, Feline Hepatic Support, Feline Whole Body Support

# Manganese Glycerophosphate

Canine Adrenal Support, Canine Renal Support, Canine Whole Body Support

# Mushroom

Canine Adrenal Support, Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Immune System Support, Canine Musculoskeletal Support, Canine Renal Support, Canine Thyroid Support, Canine Whole Body Support, Equine Immune Support

# **Nutritional Yeast**

Canine Adrenal Support, Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Immune System Support, Canine Renal Support, Canine Whole Body Support, Feline Cardiac Support, Feline Enteric Support, Feline Hepatic Support, Feline Whole Body Support

# Orchic Cytosol™ Extract

Canine Renal Support, Canine Whole Body Support, Feline Cardiac Support, Feline Immune System Support, Feline Whole Body Support

#### Orchic Extract

Canine Adrenal Support, Canine Cardiac Support, Canine Enteric Support, Canine Hepatic Support, Canine Thyroid Support

#### Pancreas Cvtosol™ Extract

Canine Cardiac Support, Canine Enteric Support,

# Pea Vine Juice

Canine Adrenal Support, Canine Cardiac Support, Canine Enteric Support, Canine Renal Support, Canine Thyroid Support, Canine Whole Body Support, Feline Cardiac Support, Feline Hepatic Support, Feline Immune System Support, Feline Renal Support, Feline Whole Body Support

# Perna canaliculus (Green-Lipped Mussel)

Canine Dermal Support, Canine Hepatic Support, Canine Musculoskeletal Support, Canine Thyroid Support, Feline Enteric Support, Feline Hepatic Support, Feline Renal Support, Feline Whole Body Support

# Pituitary PMG™ Extract

Canine Adrenal Support, Canine Enteric Support, Canine Hepatic Support, Canine Renal Support, Canine Whole Body Support, Feline Immune System Support

#### Ribonucleic Acid

Canine Cardiac Support, Canine Hepatic Support, Canine Renal Support, Canine Thyroid Support, Feline Cardiac Support, Feline Immune System Support, Feline Renal Support

# Rice Bran

Canine Adrenal Support, Canine Cardiac Support, Canine Enteric Support, Canine Hepatic Support, Canine Renal Support, Canine Thyroid Support, Canine Whole Body Support, Feline Cardiac Support, Feline Enteric Support, Feline Hepatic Support, Feline Renal Support, Feline Whole Body Support

# Selenium

Equine Performance

## Silybum marianum (Milk Thistle)

Canine Dermal Support, Canine Hepatic Support, Canine Whole Body Support, Feline Hepatic Support

# Spleen

Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Immune System Support, Canine Renal Support, Canine Whole Body Support, Feline Cardiac Support, Feline Enteric Support, Feline Hepatic Support, Feline Immune System Support, Feline Renal Support, Feline Whole Body Support

#### Stomach

Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Whole Body Support, Feline Enteric Support, Feline Hepatic Support

# **Sunflower Lecithin**

Canine Adrenal Support, Canine Thyroid Support, Canine Whole Body Support

## Tart Cherry

Equine Performance

# Thymus Cytosol™ Extract

Canine Immune System Support, Canine Whole Body Support, Feline Immune System Support

#### Thymus PMG™ Extract

Canine Immune System Support, Canine Whole Body Support

# Thyroid PMG™ Extract

Canine Renal Support, Canine Thyroid Support

# Tillandsia usneoides (Spanish Moss)

Canine Cardiac Support, Canine Enteric Support, Canine Hepatic Support, Canine Thyroid Support, Canine Whole Body Support, Feline Cardiac Support, Feline Renal Support

#### Trachea

Canine Musculoskeletal Support, Canine Whole Body Support, Feline Whole Body Support

#### Turmeric

Canine Flex Support, Equine Immune Support

#### Vanadium

Equine Metabolic Support

# Veal Bone PMG™ Extract

Canine Adrenal Support, Canine Cardiac Support, Canine Enteric Support, Canine Hepatic Support, Canine Musculoskeletal Support, Canine Renal Support, Canine Whole Body Support, Feline Enteric Support, Feline Renal Support

# Wheat Germ

Canine Adrenal Support, Canine Cardiac Support, Canine Dermal Support, Canine Enteric Support, Canine Hepatic Support, Canine Thyroid Support, Canine Whole Body Support, Feline Enteric Support, Feline Hepatic Support, Feline Renal Support, Feline Whole Body Support, VF Bio-Dent®

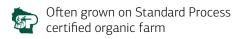
#### Wheat Germ Oil

Canine Adrenal Support, Canine Cardiac Support, Canine Enteric Support, Canine Hepatic Support, Canine Renal Support, Canine Thyroid Support, Feline Cardiac Support

#### Zinc Rice Chelate

Canine Hepatic Support, Canine Immune System Support, Canine Whole Body Support, Feline Hepatic Support, Feline Immune System Support, Feline Whole Body Support

# Glossary



**Acid maltase:** An enzyme that breaks down carbohydrates. Breaks off individual glucose molecules from the maltose units. In combination with amylase and glucoamylase these enzymes complete the breakdown of starch and other carbohydrates.



Alfalfa (Medicago sativa): A perennial flowering legume.

Alginic acid: An organic acid from various algae species.

Antioxidants: Substances found in food, especially fruits and vegetables.

**Arabic gum:** A natural gum from the acacia tree; used as a colloidal stabilizer to make tablets.



Barley: Barley grass used in our formulas consists of the green leaves of the barley plant as opposed to the grain.



Beet root: The underground portion of a beet plant.



Beet leaves: The above-ground portion of a beet plant; also known as Swiss chard.

Beta carotene: The yellow pigment found in many yellow and orange fruits, such as carrots.

Betaine: A sweet, crystalline, quaternary ammonium salt found in beet juice. Can be used as a lipotropic factor or a gastric acidifier.

**Biotin:** A member of the B-vitamin family that helps support energy and amino acid metabolism. Nutritional yeast, liver, kidney, whole grains, nuts, and eggs are good sources of biotin.

Black currant seed oil: The oil of a black currant plant. Contains gamma-linolenic acid.

Boswellia serrata (boswellia): A moderate- to large-sized branching tree of the family Burseraceae, traditionally used to support a healthy inflammatory response.

Bovine: Cow.

Bovine bile salts: A purified source of bovine bile salts in a powdered form.



Broccoli: A member of the cabbage family, broccoli is a cruciferous vegetable.

**Bromelain:** Protein-digesting and milk-clotting enzyme generally found in pineapple fruit juice and stem tissue.



Brussels sprouts: A brassica related to broccoli and cabbage.



Buckwheat: A member of the Polygonaceae family buckwheat is related to sorrel, knotweed, and rhubarb.

Calcium glycerophosphate: A white crystalline powder that is soluble in cold water.

Calcium lactate: A source of calcium (not derived from a dairy product or source).

Calcium stearate: A plant-based stearic acid used for lubrication in the manufacture of products.

Carbamide powder: A food-grade urea.

Carthamus tinctorius (safflower): A plant appearing to have a supportive effect on the cardiovascular system.



Celery: A member of the Apiaceae or Umbelliferae family it comes in a variety of colors, from white to gold, rich red, and deep green.

**Chlorophyll extract:** A fat-soluble extract from plant material that acts to support tissue health, maintenance, and regeneration. Chlorophyll is regarded as a natural gastrointestinal (GI) tract deodorant and cleanser.

Choline bitartrate: A vitamin of the B complex essential to liver function.

**Chromium yeast:** An excellent source of chromium.

**Copper chelate:** Provides an excellent source of copper. Copper is an essential trace mineral that is important for a wide range of biochemical processes.

Crataegus oxyacantha (hawthorn): A well-known heart and vascular tonic.

**Cytosol™ extract:** "Cytosol™" is the trademark used by Standard Process Inc. as a brand name for extracts derived from the cytoplasm of the cell. They contain "materials" such as enzymes, hormone precursors, and synergistic cofactors produced by the cell. These materials serve as the building blocks for cellular metabolic end products that are utilized by the cell itself or transported outside the cell.

Defatted wheat germ: Wheat germ is noted for its dense nutritional content of the vitamin B complex and many important trace minerals essential for the full physiological activity of the associated vitamin complexes.

**Dicalcium phosphate**: A calcium compound used in calcium therapy.

**Eleutherococcus senticosus (eleuthero)**: Several species of this plant grow around the world, and though some are preferred for specific benefits, all are considered to have similar properties as an effective general rejuvenator.

Emblica officinalis (Indian gooseberry): An herb that has traditionally been used for the purposes of enhancing general vitality and cognition as well as promoting longevity.

Flax meal: Contains significant levels of omega-3 fatty acids, specifically alpha-linoleic acid (ALA).

Ginger: A thickened pungent aromatic rhizome that contains a broad spectrum of bioactive compounds.

Ginkgo biloba: Made from leaves and seeds of the ginkgo tree, Ginkgo biloba has a long history of use in traditional Chinese medicine.

Glucosamine sulfate: A naturally occurring chemical harvested from the shells of shellfish.

**Inositol:** A component of the B-vitamin complex. Inositol acts as an important catalyst in energy reactions that involve the metabolizing of some fats and carbohydrates.

Inulin: A complex carbohydrate and soluble fiber. It is beneficial to the gut microflora and supports calcium and magnesium absorption. Inulin is found naturally in many common plants, especially chicory.

Iron chelate: Provides an excellent source of iron. Iron is an important nutrient essential for a wide range of vital biological processes, including the synthesis of hemoglobin, and is also involved in the entire process of respiration, including oxygen and electron transport.



Kale: A green leafy cruciferous plant that belongs to the Brassica genus, which includes cabbage, collards, and Brussels sprouts.

Kelp: Brown seaweed of the genius Laminaria that is a good source of trace minerals.



Kidney bean (Phaseolus vulgaris): An annual legume.

L-carnitine: Carnitine is required for transporting long-chain fatty acids into the cells, which is essential for the conversion of fatty acids into energy for the cells, especially in heart muscle. (See the Primary Ingredient Cross Reference for products listed under Heart PMG™ Extract, Bovine; Liver PMG™ Extract, Bovine; and Liver Powder, Bovine.)

L-glutamine: An amino acid used to make other amino acids, glucose, and glutathione. Used for energy by immune and intestinal cells.

**Lutein:** A type of phytochemical with antioxidant activity known as carotenoid (or natural pigment). Lutein is found in dark green leafy vegetables, such as kale.

Magnesium lactate: A source of magnesium.

Manganese glycerophosphate: A source of manganese, an essential trace mineral important for skeletal and cartilage

Manganese lactate: A manganese salt derived from lactic acid that is a source of manganese. Manganese acts as a cofactor and catalyst in many enzymatic processes.

Micronutrients: Essential nutritional elements required in very small or trace amounts for the body to function properly. Examples include iron, copper, manganese, and zinc.

Milk thistle (Silybum marianum): An annual or biannual plant of the Asteraceae family, its scientific name is Silybum marianum.

Mixed tocopherols: The antioxidant component of the vitamin E complex.

Mushroom: Available in many varieties and has a long history of use in traditional Chinese medicine.

Nutritional yeast: Inactive yeast with high protein and B-vitamin content.



Oats: A hardy cereal grain, common oats are known scientifically as Avena sativa.

Ovine: Sheep.



Pea vine: An annual leguminous vine.



**Pea vine juice:** The extracted juice from the pea vine.

Phytonutrient: Biologically active nutrients found in plants that give them their color and taste. Also referred to as phytochemicals, they are known to have health-promoting properties.

Porcine: Pork.

**Protomorphogen™ extract**: In the 1940s, Dr. Royal Lee pioneered a unique method of deriving extracts that contain what he called cell determinants from specific organs and glands for clinical use. He believed that these cell determinants functioned in cell regulation, maintenance, and interaction with tissue antibodies. It is clear both from the description of the extraction process and clinical use that these extracts differ from what is commonly referred to as "glandulars." Furthermore, because these extracts have a distinct clinical application and effect, they should not be confused with glandulars, nor should they be referred to simply as "protomorphogens." Rather, "Protomorphogen™" is the trademark used by Standard Process Inc. as a brand name assigned to these uniquely derived extracts. "PMG™" is another trademark used by Standard Process Inc. as another brand name for these extracts.

Rhizopus oryzae: A mold grown on Tillandsia usneoides and beet root as a source of enzymes.

Ribonucleic acid: Nucleic acid occurring in cell cytoplasm and the nucleolus, first isolated in plants but later found in animal cells.

Selenium yeast: A rich source of selenium. Selenium is an essential trace element that has antioxidant activity mediated through its role in the formation and function of seleniumdependent glutathione peroxidases. Also believed to help maintain a healthy heart and joints.

Silybum marianum (milk thistle): This species is an annual or biennial plant of the Asteraceae family.

Soybean lecithin: A rich source of lecithin, a precursor to choline. A substance that is crucial for proper central nervous system, liver, cardiovascular, and immune system health. A rich source of phospholipids.



Spanish black radish: An excellent source of sulfur, which protects against free radicals and is also beneficial in the healthy functioning of the GI tract.

Sunflower lecithin: A type of phospholipid found in sunflower seeds.

Taraxacum officinale (dandelion): A flowering herbaceous perennial plant of the family Asteraceae.

Tart cherry: A fleshy stone fruit known for its antioxidant properties.

Thiamine (vitamin B1): A water-soluble vitamin that works with the other B vitamins to change protein, carbohydrates, and fat to

Tillandsia usneoides (Spanish moss): A plant belonging to the pineapple family and grown in the southeastern coastal plain of the United States. Spanish moss is a nonparasitic plant that is supported by another plant and has aerial roots exposed to the humid atmosphere.

Turmeric: An Indian perennial herb of the ginger family.

Vanadium: A grayish metallic element found combined in minerals.

Wheat germ oil: One of the richest sources of the complete vitamin E complex. Vitamin E is beneficial in multiple metabolic processes.

Whey protein: Whey (milk) protein is the protein and amino acid components extracted from whey. Whey is the clear liquid left after the protein of milk has been clotted and most of the fat removed, e.g., after cheese production.

Whole desiccate: The whole, dried glandular tissue. It contains proteins of the entire organ or gland in a concentrated form.

Withania somnifera (ashwagandha, Indian ginseng): Part of the Solanaceae family, this plant's tuberous roots have therapeutic

Yakriton: A liver fat extract.

Zinc chelate: Contains zinc that is bound to rice protein to maintain healthy zinc level

## **Botanical Name** Reference

**Botanical Name:** Common Name

Arctium lappa: burdock Berberis aquifolium: Oregon grape Boswellia serrata: boswellia Capsicum annuum: cayenne pepper Centella asiatica: gotu kola Coriolus versicolor: turkey tail mushroom Cynara scolymus: globe artichoke Echinacea angustifolia: echinacea Echinacea purpurea: echinacea Ginkgo biloba: ginkgo Grifola frondosa: maitake mushroom Juniperus communis: juniper berry Pygeum africanum: pygeum Rhizopus oryzae: filamentous fungi Serenoa repens: saw palmetto Silybum marianum: milk thistle Taraxacum officinale: dandelion Tillandsia usneoides: Spanish moss Trifolium pratense: red clover Urtica dioica: nettle

## Common Name Reference

**Common Name:** Botanical Name

Boswellia: Boswellia serrata Burdock: Arctium lappa Cayenne pepper: Capsicum annuum Dandelion: Taraxacum officinale Echinacea: Echinacea angustifolia Echinacea: Echinacea purpurea Filamentous fungi: Rhizopus oryzae Ginkgo: Ginkgo biloba Globe artichoke: Cynara scolymus Gotu kola: Centella asiatica Juniper berry: Juniperus communis Maitake mushroom: Grifola frondosa Milk thistle: Silybum marianum Nettle: Urtica dioica Oregon grape: Berberis aquifolium Pygeum: Pygeum africanum Red clover: Trifolium pratense Saw palmetto: Serenoa repens

**Spanish moss**: Tillandsia usneoides Turkey tail mushroom: Coriolus versicolor

## **FAQs**

The most commonly asked questions about Standard Process and our products:

### Why would a product look different from bottle to bottle?

Because of the variability in sources of natural and organic ingredients, color, texture, and odor may vary from batch to batch. However, the basic formula remains constant, and product testing ensures quality.

#### Why are honey, arabic gum, cellulose, and calcium stearate added to products?

Honey and arabic gum are used as binders in our tablet manufacturing process. Cellulose is used to give body to the powders. Calcium stearate, derived from vegetable sources, is used as a lubricant to help products release from the tablet machines. We do not use artificial flavoring or coloring.

#### Is your calcium stearate derived from hydrogenated oils? Is it safe for consumption?

The calcium stearate we use is derived from palm oil, which is a saturated fat, like cocoa butter, dairy fats, etc. Calcium stearate is approved by the FDA to be used as a lubricant and is approved for use in food products.

### Why is sucrose listed on your labels?

The sucrose found in our products comes from natural sources such as sugar cane. Sucrose, along with starch and arabic gum, is used to coat vitamin A and vitamin D (cholecalciferol), making them into a powdered form that helps prevent oxidation of these vitamins. The amount of sucrose in the actual product is very minimal.

#### Why is it better to take supplements throughout the day instead of all at once?

The body processes most compounds based on concentration; so the more there is, the faster the body works to process it. The key is getting the right concentration at the right time. In general, taking smaller amounts throughout the day allows the body to maintain a lower but more consistent amount for a longer period of time, sustaining the molecular mechanisms supported by the consumed compounds.

### What does the 'Best By' date mean?

Please refer to the "Best By" date on all product boxes and bottles to determine how long a product maintains optimal quality and/or flavor. Standard Process only guarantees product potency through the "Best By" date.

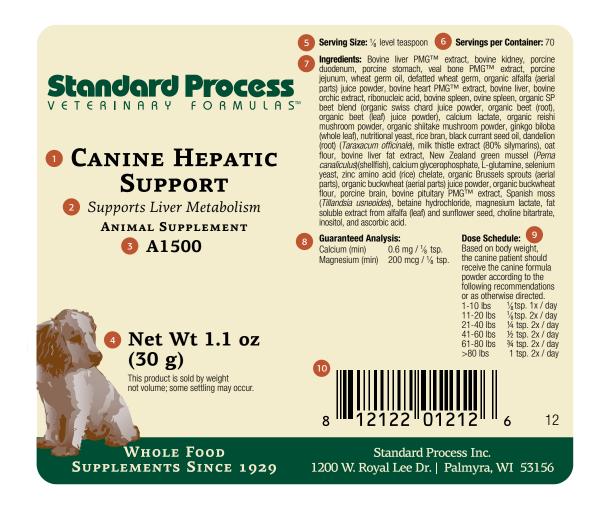
#### What do I need to consider when recommending a combination of products?

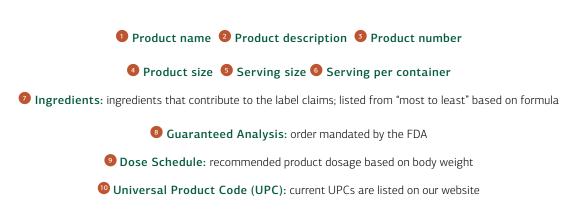
Standard Process products are thought to work synergistically and support multiple aspects of health. In some cases, combined products can result in very high levels of certain vitamins or minerals. Where warranted, guidance is provided for individual products on the label and in this catalog via warnings and cautions.



# How to Read Product Labels

Below is an example of the different parts of our label and what they refer to.





Clinical Support and Case Consultations

Complimentary for Veterinary Professionals

Phone: 888-982-8130

Email: vethelp@standardprocess.com



## Education

## Complimentary Veterinary RACE®-Approved, **On-Demand Continuing Education**

Begin your journey towards the difference nutrition can make not only in your practice, but also in the lives of your patients. Standard Process is excited to offer complimentary online continuing education (CE) courses for veterinarians and technicians! The courses are taught by veterinarians who are experts in nutrition and practice management. Our courses are nationally accredited by the RACE program of the American Association of Veterinary State Boards (AAVSB), providing an excellent way to help meet your CE requirements. Simply register, log in and search for the course name.

### Designed to Help You Succeed

### Each one-hour course features:

- · Self-paced, learner-centered format with easy navigation
- · Mobile-friendly design for on-the-go accessibility
- · Printable or downloadable CE certificate immediately available upon successful completion

### Choose from these great flexible courses:

(worth one credit each)

- · Getting at the Gut Fundamentals
- Implementing Nutrition Strategies with Rehab Patients
- Integrating Functional Nutrition Into Your Practice
- · Addressing Homeostasis and Its Role in Healing Mechanisms
- · Why Nutrition is Important to Supporting Good Health
- · Understanding the Use of Hemp Oil in Veterinary Medicine

### Register Here

https://hubs.li/H0FG2vG0 Case Sensitive

OR use the camera on your mobile device to scan and register



## Log In Here

http://bit.ly/VetLogIn Case Sensitive

**OR** use the camera on your mobile device to scan and log in





## **PODCASTS**

## THE WHOLISTIC APPROACH TO PET CARE

**HOSTS:** Kara Credle and Jody Griffiths, CVT

### **EPISODES**

The Nervous System, Pet Rehab, and Veterinary CSI
Ann-Margret-Morgan, DVM, CCRT and Sue Howell, DVM, CVFT, CVA

**Hemp and the Endocannabinoid System for Pets**Slavko Komarnytsky, PhD and Sheila Dodson, DVM, CVA

Personal and Practical Insights for the Health of Veterinarian Sheila Dodson, DVM, CVA

> Applying the Wholistic Approach to Pet Care Patrick Mahaney, DVM, CVA, CVJ

The Role of Whole Foods in a Veterinary Practice Sue Howell, DVM, CVFT, CVA

> Omega-3 Fatty Acids for Pets Laura Gaylord, DVM, DACVN

The Brain-Gut-Microbiome Connection in Animals
Donna Raditic, DVM, DACVN, CVA

Healthy Years for Geriatric Dogs
Madeline Yamate, MBA, DVM, CVA, CVCH, CVFT, CVTP, CVSMT

Continue the dialogue and engage at WholisticMatters.com

# Achieving Holistic Health Through Nutrition

The key to pets' optimal health is a diet rich in a variety of complex nutrients. The ingredient combinations in Standard Process Veterinary Formulas™ provide a spectrum of nutrients to support multiple organs and systems in the body.

Complex formulas of targeted nutrients are derived from whole food ingredients, whole food concentrates and isolates, organ and glandular tissue, specialized protein extracts, botanicals and synthetic ingredients.

The great majority of the raw plant ingredients used in our products are grown on our organic and sustainable farm.





**Beet Root:** Red table beets (*Beta vulgaris* var. *rubra* L.) are the deep red root vegetable loaded with complex carbohydrates, unique phytoactive compounds, essential vitamins, and essential minerals.



**Pea Vine:** The squeezed juice from the combined pods, vines, leaves, and stems of the common pea (*Pisum sativum*) is a nutritionally packed source of essential vitamins and a significant source for phenolic compounds.



**Beef Liver:** As a living organ, the liver plays an important role in the metabolism and storage of nutrients. Due to this function, liver can serve as a dietary source of nutrients such as vitamin A, choline, and iron as well as many essential amino acids.



**Oats:** Oats (*Avena sativa*) are a widely consumed grain product as a rolled whole oat or ground into flour. They deliver a healthy source of energy paired with phenolic compounds, essential nutrients, soluble and insoluble fibers. Top oat varieties include increased levels of phytochemicals and provide beneficial fibers.



**Brussels Sprouts:** Brussels sprouts (*Brassica oleracea* var. *gemmifera*) are a cruciferous vegetable associated with production of detoxification enzymes, antioxidant properties and cardiovascular protection. Brussels sprouts are a staple vegetable in healthy diets, grown for their rich supply of glucosinolates and nutrients.



**Nutritional Yeast:** Saccharomyces cerevisiae has been used in food for many years as brewer's and baker's yeast. Nutritional yeast, however, is a heat deactivated form of this species and serves as a delicious source of B vitamins and protein.



**Beef Kidneys:** As a living organ, kidneys regulate the amount of certain nutrients in the body and reabsorb valuable nutrients as needed. Because of this role, kidneys contain a diverse nutrient composition and incorporating this organ in a diet can offer various vitamins, minerals, and amino acids.

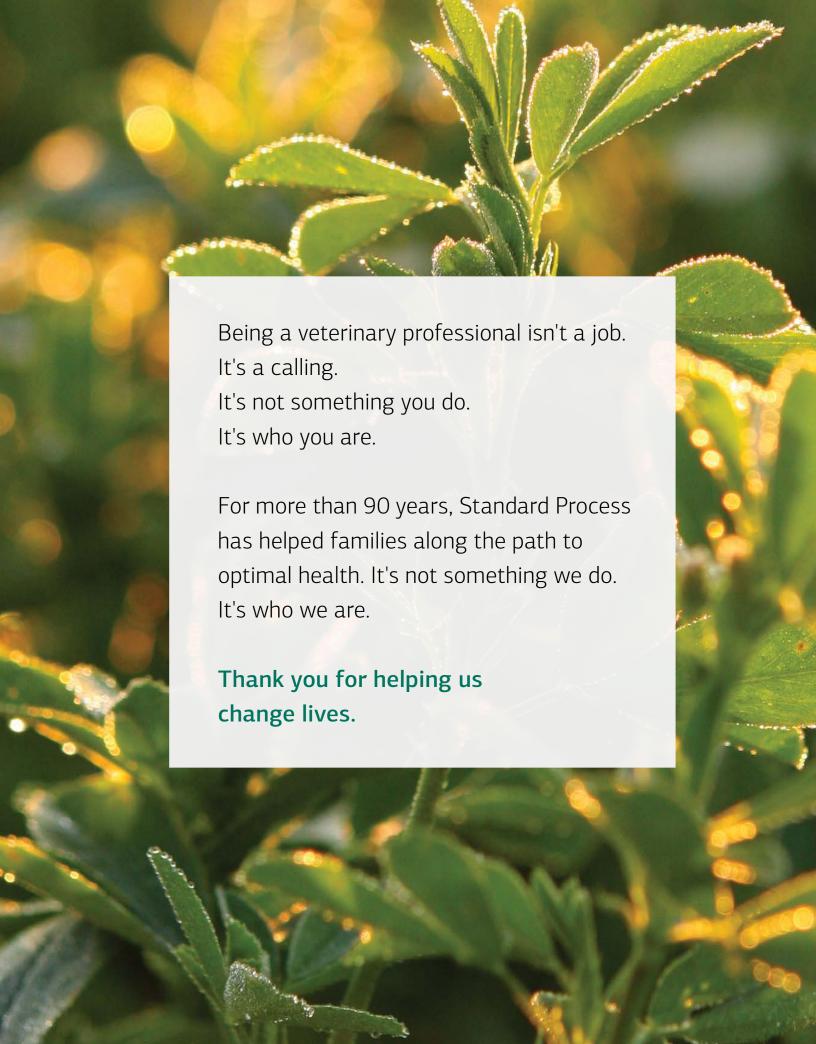


**Wheat Germ:** Wheat (*Triticum aestivum* L.) germ is part of the wheat kernel that is responsible for reproduction of the plant. As a part of a diet, wheat germ can offer plant protein, fiber, and minerals. In addition, wheat germ has antioxidant potential due to its nutrient composition.



**Buckwheat:** The common buckwheat (*Fagopyrum esculentum*) plant is a pseudocereal grown for its unique ability to out-compete other plants for sun, soil, and water. It packs these nutrients into leaves, stems, flowers, and fruits. The fruits are a grain-like staple, and juice from the plant material contains essential nutrients and bioactive compounds







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This guide is for health care professional use only.

Patients should consult with a health care professional before taking any Standard Process products.