

Proanthozone® Derm



Skin, coat and allergy support formula for dogs
Bacon flavored chewable tablets

Indications:

For the nutritional management of skin and coat problems, especially those associated with allergic dermatitis.

Main ingredients:

Bioflavanol, Vitamin E, Vitamin A, Zinc, Alpha Lipoic Acid, Omega-3 and Omega-6 Fatty Acids, Spirulina, Vegetarian Bacon Flavor

For years, veterinarians have used the original Proanthozone® formula in atopic dogs and have achieved positive results, often using it as an adjunct to more conventional therapies. Nonetheless, allergies and skin diseases have maintained their position at or near the top of the list of reasons why owners take their pets to the veterinarian. New Proanthozone® Derm includes ingredients for enhanced dermatologic use, such as omega-3 and omega-6 fatty acids, alpha-lipoic acid, and spirulina.

The basis of the formula is bioflavanol from grape seed extract. Polyphenolic antioxidants, such as bioflavanol, have been shown to help prevent mast cell degranulation and inhibit enzymes that promote histamine release, inflammation, and allergic reactions. Additional support comes from the antioxidant vitamins A and E and the antioxidant mineral zinc. Alpha-lipoic acid is a potent fat- and water-soluble antioxidant that is able to regenerate other antioxidants, such as vitamin E. Spirulina, a form of blue-green algae rich in beta carotene and vitamin E, enhances protective antibodies without enhancing those associated with allergies (IgE antibodies). Spirulina also has a direct antihistamine effect. Fatty acids are an important addition to the formula for controlling inflammation and supporting healthy cell membranes.

"Our 7 year old dog Gracie had developed terrible itching, with open sores on her paws and 'hot spots' from itching. She would chew on her paws incessantly. We changed her diet – it did not work. Our veterinarian put her on anti-histamines, steroids and topical treatments – nothing worked. We were advised to try a treatment that would have cost nearly \$200/month, for the rest of her life. Now, after only a few months of Proanthozone Derm, she is nearly itch-free. Gone are the sores and all night scratching sessions. No more chewing on her legs or scratching her ears and face. She is a much happier pup! We are much happier dog owners! Gracie even likes to take her "treat" every morning. Great product! Thank you!"

— Brenda, NJ

"I've been using Proanthozone Derm in an old Lab/Retriever mix dog that had been to several veterinarians for constant scratching and a smelly coat. The dog was overweight, but no definitive health problems were uncovered. During administration of the first bottle, there was remarkable improvement. The dog stopped scratching and the bad odor was resolved. After 6 months on Proanthozone Derm, the itching and odor problems are still completely under control."

— John Harper, DVM of Texas

Supporting Literature:

1. Li WG, Zhang XY, Wu YJ, Tian X. Anti-inflammatory effect and mechanism of proanthocyanidins from grape seeds. Acta Pharmacol Sin. 2001 Dec; 22(12):1117-20
2. Chen S, Gong J, Liu F, Mohammed U. Naturally occurring polyphenolic antioxidants modulate IgE mediated mast cell activation. Immunology. 2000 Aug;100(4):471-80
3. Sen CK, Bagchi D. Regulation of inducible adhesion molecule expression in human endothelial cells by grape seed proanthocyanidin extract. Energy and Environmental Technologies Division, Lawrence Berkeley National Laboratory, University of California, Berkeley, USA.
4. Serhan CN, Yacoubian S, Yang R. Anti-inflammatory and proresolving lipid mediators. Annu. Rev. Pathol. Mech. Dis. 2008;3:279-312.

What's Best for Your Pet

Proanthozone®



Bioflavanol antioxidant formula for adult dogs and cats
Supporting research published in JAVMA (Oct. 2000)
Liver flavored sprinkle capsules

Indications:

For the nutritional management of conditions linked to oxidative stress, such as liver/kidney disease, skin disease, pancreatic and G.I. disorders, cardiovascular disorders and degenerative joint disease (DJD). Also useful as a nutritional support for compromised immune function.

Main ingredients:

Bioflavanol, Vitamin E, Vitamin A, Manganese, Zinc, Selenium, N-acetyl-Cysteine, Superoxide Dismutase, Glutathione

Veterinarians can use Proanthozone® as nutritional support for animals with:

Cataracts	Skin problems - Anti-histamine effect	Cardiovascular disease
Surgical incisions or wounds	Immune-mediated disease	Diabetes/Diabetic retinopathy
Kidney disease	Pancreatitis	Liver disease
Dental disease	Cancer	Vascular problems

There are many disorders that can benefit from antioxidants. Studies have shown that oxidative damage to nerves can result in mental deterioration, oxidative damage to joint tissue can result in gait disturbances, and oxidative damage to cardiac tissues can result in cardiac arrhythmia or heart attack. Research has also shown that renal, hepatic, pulmonary, cardiovascular, neurological and ocular diseases can be slowed or prevented with adequate antioxidant therapy. For example, in rabbits, isolated heart muscle has been protected from ischemia/reperfusion injury in the presence of the potent antioxidant bioflavanol, which is the main component in Proanthozone®.

Research has shown that bioflavanol from grape seed extract inhibits elastase and collagenase enzymes that continually work to break down connective tissue throughout an animal's body. At the same time, it helps repair broken collagen fibers by reconnecting them. As an animal ages, the cumulative effect of these enzymes begins to manifest itself in capillary breakdown in kidney and eye tissue and in increased permeability of lung and gut tissue. Proanthozone® may help an animal's body to repair or slow these developments of aging.

Antioxidants are best used, however, as a nutritional support for optimal health throughout a pet's life. Proanthozone® maintains cellular antioxidant enzymes and provides direct free radical scavengers that help preserve the genetic integrity of original and new cells.

"Sheeba, my 10-year old Great Dane, was diagnosed with diabetes a year ago and is now blind. Arthritis in her hips prevented her from playing and walking. She needed assistance rising from the floor and struggled when she tried to lie down. My sister-in-law recommended Proanthozone for months before I asked my veterinarian to research it. Within a few weeks of using Proanthozone, Sheeba's overall health and mobility improved dramatically. Over approximately 4-6 weeks, her insulin requirements gradually went from 100 to only 70 units/day. Sheeba no longer required assistance in getting up, she began to play with the other dogs again, and now enjoys going for a short walk every morning. She is able to "hop" up and down the 8-inch step at our front door and sometimes has to be restrained from running in the living room before she crashes! I was unable to continue her daily dosage for about 2 weeks and she began to have difficulties walking, rising and lying down. Her water consumption and insulin requirements were increasing. By the time I put her back on Proanthozone, she was up to 90 units/day. Now, back on the Proanthozone, we again have to remind her that she's just not a puppy anymore. She wholeheartedly disagrees!"

— Mary-Anne, Florida

Published research:

1. Allison, R.W., Lassen, E.D., Burkhard, M.J., Lappin, M.R. "Effect of a bioflavonoid dietary supplement on acetaminophen-induced oxidative injury to feline erythrocytes." JAVMA. Vol. 12, No. 8, October 2000: 1157-1161.
2. Impellizzeri, J.A., Lau, R.E., Azzara, F.A., "14 week clinical evaluation of an oral antioxidant as a treatment for osteoarthritis secondary to canine hip dysplasia." Veterinary Orthopedic Society, 24th Annual Meeting, March 1997, and European College of Veterinary Surgeons, Zurich, Switzerland, April 1997.