ActivPower CANIS

CANINE KNOWLEDGE BASE • INGREDIENT SCIENCE

Cinnamon for Canine Digestive Wellness & Vitality

A traditional botanical spice studied for antioxidant activity and support of a balanced digestive environment in dogs.

ActivPower ATLAS® | ACTORUB-K9™ | Cinnamomum · Polyphenols

What Is Cinnamon?

Cinnamon is one of the world's oldest and most widely used culinary spices, derived from the inner bark of *Cinnamomum* trees. It contains naturally occurring plant compounds — including cinnamaldehyde, polyphenols, flavonoids, and essential oils — that have attracted considerable scientific interest for antioxidant activity and support of healthy physiological function. It is included in **ActivPower ATLAS®** and **ACTORUB-K9™** for dogs.

Digestive Wellness & the Gut Environment

A healthy digestive system supports nutrient absorption, energy metabolism, and communication between the gut and other organs. Emerging evidence suggests cinnamon's polyphenols may interact with the gastrointestinal tract and support a balanced digestive environment. Laboratory and animal studies indicate cinnamon compounds may help support normal digestive processes, though more research is needed to understand their practical significance.

Copyright ActivPower Inc.

Canine Context & Dietary Polyphenols

Cinnamon-specific canine clinical trials are limited. Its relevance in canine nutrition is framed by the broader science of dietary polyphenols and the canine gut microbiome.

Wernimont et al. (2020). A comprehensive review of how nutrition shapes the gastrointestinal microbiome of dogs and cats provides the framework within which dietary polyphenol spices such as cinnamon are studied for digestive wellness.

Pilla & Suchodolski (2021). A veterinary review of the canine gut microbiome and the influence of diet supports continued scientific interest in dietary plant compounds and a balanced digestive environment in dogs.

Cinnamon has a long history of culinary safety, and its canine relevance rests on dietary-polyphenol and gut-microbiome research rather than cinnamon-specific canine clinical trials, which remain limited.

Antioxidant & Cellular Wellness

One of the most studied aspects of cinnamon is its antioxidant activity. Cinnamon compounds have demonstrated free-radical-scavenging activity in laboratory studies, and researchers believe these properties may contribute to cinnamon's broader role in supporting normal cellular function and wellness. Within the canine diet it may support:

- A balanced digestive environment
- Antioxidant and healthy-cellular support
- Normal metabolic wellness
- Overall vitality

Metabolic & Healthy-Aging Interest

Cinnamon polyphenols have been studied in relation to carbohydrate metabolism and oxidative balance. Cinnamon is best viewed as a supportive nutritional ingredient within a healthy lifestyle, not a substitute for veterinary care.

Safety Considerations

Cinnamon has a long history of safe culinary use. Quality, sourcing, and dosage matter, and concentrated essential oils should be avoided. Pet owners should consult their veterinarian regarding nutritional supplementation appropriate for their individual dog.

The ActivPower Perspective

ActivPower includes cinnamon powder in ATLAS® and ACTORUB-K9™ because of its long history of use and growing research related to digestive and whole-body wellness — one component of a balanced nutritional program for dogs.

Copyright ActivPower Inc.

FEATURED IN

ActivPower ATLAS® & ACTORUB-K9™ for Dogs

Selected References — Canine & Veterinary Literature

1. Wernimont SM, Radosevich J, Jackson MI, et al. The effects of nutrition on the gastrointestinal microbiome of cats and dogs: impact on health and disease. *Front Microbiol.* 2020;11:1266.
2. Pilla R, Suchodolski JS. The gut microbiome of dogs and cats, and the influence of diet. *Vet Clin North Am Small Anim Pract.* 2021;51(3):605–621.
3. Rao PV, Gan SH. Cinnamon: a multifaceted medicinal plant. *Evid Based Complement Alternat Med.* 2014;2014:642942. (mechanistic reference)

DISCLAIMER

This article is provided solely for educational and informational purposes and summarizes selected scientific literature concerning cinnamon (Cinnamomum species) as a nutritional ingredient in dogs. Nothing herein is intended to diagnose, treat, cure, mitigate, or prevent any disease, injury, arthritis, inflammatory disorder, or medical condition in animals.

Statements regarding dietary supplements have not been evaluated by the U.S. Food and Drug Administration (FDA). Individual responses may vary. Pet owners should consult a qualified veterinarian before introducing any new supplement or nutritional ingredient into an animal wellness program. No claim beyond the educational discussion of current scientific literature is stated or implied.

Copyright ActivPower Inc.