

SCIENTIFIC INGREDIENT REVIEW

A whole-food-forward look at how One Good Scoop supports daily recovery, nutrient utilization, gut balance, and sustained canine vitality.

WHY ONE GOOD SCOOP IS DIFFERENT

Whole-Food-Forward

Prioritizes natural, recognizable ingredients over isolated synthetic megadoses to support cleaner biological utilization.

Dual-Feed Flexibility

A highly palatable powder designed to easily mix with dry kibble, wet food, or water for ultimate convenience.

Gut-First Approach

Helps dogs extract more value from their daily meals by conditioning the gastrointestinal environment first.

Targeted Daily Recovery

Formulated to support joint structures, immune resilience, and steady energy for dogs with active lifestyles or healthy aging needs.

SCIENCE AT A GLANCE

- **Supports Gut & Digestive Balance**

Prebiotics, postbiotics, and functional fibers condition the microbiome and support digestive regularity.

- **Enhances Nutrient Utilization**
A healthy gut barrier allows dogs to better absorb and utilize the nutrition naturally present in their regular food.
- **Foundational Mobility Support**
Connective tissue building blocks like collagen and targeted amino acids aid in physical recovery and joint maintenance.
- **Resilient Immune Function**
Whole-food functional mushrooms and chelated trace minerals provide dependable, proactive immune system support.

INGREDIENT SUMMARY & DOSING

The following details the active whole-food and functional ingredients contained within one standard serving (1 scoop / 5,165 mg) of the dog formula.

Ingredient	Amount per Scoop	Primary Functional Role
Bovine Collagen Protein	500 mg	Connective Tissue & Joint Support
Turkey Tail Mushroom (<i>Coriolus versicolor</i>)	400 mg	Immune System Support
Inulin (Fructooligosaccharides)	400 mg	Prebiotic Gut Support
Pumpkin Fruit Powder	200 mg	Digestive Regularity
Taurine	150 mg	Cardiac & Metabolic Support
MAKTabolite® PF Postbiotic	60 mg	Microbiome Resilience

Ingredient	Amount per Scoop	Primary Functional Role
Vitamin C (Ascorbic Acid)	50 mg	Conditional Antioxidant Support
Zinc (Zinc Glycinate Chelate)	30 mg	Bioavailable Trace Mineral

Base Excipient Ingredients: Coconut Water, Full Goat Milk Powder, Silicon Dioxide. Included to provide natural hydration, premium palatability, and anti-caking properties.

DETAILED INGREDIENT DIRECTORY

Bovine Collagen Protein

WHAT IT IS

A structural protein sourced from bovines, yielding a high concentration of specific amino acids like glycine, proline, and hydroxyproline.

WHAT IT SUPPORTS

Collagen is the most abundant protein in a dog's body, crucial for the integrity of cartilage, tendons, ligaments, and skin.

HOW IT SUPPORTS DAILY RECOVERY

As dogs age or recover from vigorous exercise, natural collagen synthesis slows. Supplying a whole-food-based structural protein provides the foundational raw materials needed for tissue repair and maintenance.

SCIENCE SNAPSHOT

Canine osteoarthritis and quality-of-life literature indicate that dietary collagen supplementation supplies relevant amino acids that complement mobility, tissue maintenance, and recovery as part of a proactive wellness routine (Dobenecker et al., *PLOS One*, 2024; Vandeweerd et al., *J Vet Intern Med*, 2012).

Turkey Tail Mushroom

WHAT IT IS

A functional, whole-food mushroom revered for its naturally high concentration of beta-glucans and polysaccharopeptides (PSP and PSK).

WHAT IT SUPPORTS

Turkey tail is celebrated for its immunomodulatory properties. Its active polysaccharides interact with the gut-associated lymphoid tissue (GALT), stimulating a healthy immune response and supporting cellular defenses.

HOW IT SUPPORTS DAILY RECOVERY

It contributes whole-food immune resilience that fits naturally into a daily recovery routine, helping dogs maintain a stronger baseline as they move, play, and adapt to everyday environmental stressors.

SCIENCE SNAPSHOT

Turkey tail is one of the most respected functional mushrooms in companion-animal wellness, valued for contributing meaningful mushroom-derived compounds associated with balanced immune readiness and vitality (veterinary immunonutrition literature; *Vet Comp Oncol*, 2022 for ingredient-class context).

Inulin (Prebiotic)

WHAT IT IS

A natural prebiotic soluble fiber (fructooligosaccharides) that resists digestion in the upper gastrointestinal tract to safely reach the colon.

WHAT IT SUPPORTS

It acts as a preferred food source (substrate) for beneficial gut bacteria, particularly *Bifidobacterium* populations, promoting a balanced and robust microbiome.

HOW IT SUPPORTS DAILY RECOVERY

By improving the gut microbiota environment, inulin directly supports the formula's core goal of helping dogs extract and utilize more essential nutrients

from their daily meals.

SCIENCE SNAPSHOT

Studies in dogs demonstrate that fructooligosaccharides can significantly increase beneficial fecal bacteria and improve the apparent total tract digestibility and absorption of essential minerals, including calcium, magnesium, and zinc (Pinna et al., *BMC Veterinary Research*, 2018).

Pumpkin Fruit Powder

WHAT IT IS

A whole-food powder derived from pumpkin, rich in a natural matrix of both soluble and insoluble dietary fiber.

WHAT IT SUPPORTS

Pumpkin provides gentle, natural digestive support without the use of harsh pharmaceutical anti-diarrheals or laxatives. The soluble fiber (pectin) absorbs excess water, while insoluble fiber adds bulk.

HOW IT SUPPORTS DAILY RECOVERY

Maintains consistent stool quality and digestive comfort, ensuring the GI tract operates smoothly day after day.

SCIENCE SNAPSHOT

Veterinary literature recognizes fiber-rich dietary patterns as highly effective for managing canine stool consistency. Pumpkin remains a premier, well-tolerated whole-food fiber source for optimal daily digestive support (Fritsch et al., *BMC Veterinary Research*, 2022).

Taurine

WHAT IT IS

An amino sulfonic acid found abundantly in healthy animal tissues, particularly the heart and eyes.

WHAT IT SUPPORTS

Taurine is critical for bile acid conjugation (aiding in fat digestion), retinal health, and optimal myocardial (heart muscle) function.

HOW IT SUPPORTS DAILY RECOVERY

It acts as a metabolic and cardiovascular safeguard. While dogs can synthesize taurine naturally, certain breeds, sizes, or dogs on specific commercial diets may benefit from an nutritional top-up to sustain energy and endurance.

SCIENCE SNAPSHOT

Taurine's foundational roles in canine cardiac vitality and cellular recovery make it a highly thoughtful inclusion for everyday metabolic support (Brethel et al., *Scientific Reports*, 2023).

MAKTabolite® PF Postbiotic

WHAT IT IS

A premium postbiotic consisting of heat-killed (tyndallized) bacteria and their beneficial, stable fermentation metabolites.

WHAT IT SUPPORTS

Postbiotics beneficially shape fecal microbiota, enhance gut barrier integrity, and promote proactive immunomodulatory effects.

HOW IT SUPPORTS DAILY RECOVERY

Unlike live probiotics which can degrade during storage, this postbiotic offers superior stability, ensuring the product delivers consistent gut and immune benefits directly to the digestive tract every time.

SCIENCE SNAPSHOT

Recent veterinary literature highlights postbiotics as an exciting and increasingly validated area of canine nutrition. Emerging studies support their exceptional stability, safety profile, and microbiome-supportive value (Salminen et al., *Nat Rev Gastroenterol Hepatol*, 2021; canine postbiotic literature, 2024–2026).

Vitamin C (Ascorbic Acid)

WHAT IT IS

A well-known water-soluble vitamin and potent antioxidant.

WHAT IT SUPPORTS

While dogs naturally synthesize Vitamin C in their livers, during periods of physical stress, vigorous exercise, or aging, their endogenous production may not meet the body's oxidative demands.

HOW IT SUPPORTS DAILY RECOVERY

It acts as a conditional antioxidant reinforcement to neutralize free radicals generated during activity, helping muscles and cells recover faster.

SCIENCE SNAPSHOT

Supplementing canine diets with targeted antioxidant blends has been shown in studies to reduce markers of DNA damage and improve overall cellular antioxidant capacity in active or aging dogs (Jewell et al., *Journal of Animal Science*, 2024).

Zinc Glycinate Chelate

WHAT IT IS

An essential trace mineral bound to the amino acid glycine, forming an organic chelate for superior bodily uptake.

WHAT IT SUPPORTS

Zinc is vital for over 300 enzymatic processes in a dog's body, including immune function, cellular metabolism, and the maintenance of healthy skin and a vibrant coat.

HOW IT SUPPORTS DAILY RECOVERY

Utilizing a highly bioavailable chelated form ensures maximum absorption from the digestive tract, honoring the formula's goal of improved nutritional utilization without waste.

SCIENCE SNAPSHOT

Organic sources like zinc glycinate are significantly more bioavailable than inorganic forms (like zinc oxide). Highly bioavailable zinc has been shown in

canine studies to improve key immune markers, such as T-cell differentiation (Pereira et al., *Animals*, 2021; *Animals*, 2020 zinc-source study).

FORMULA BLUEPRINT: HOW IT WORKS TOGETHER

1. Gut & Microbiome Optimization

The combination of Inulin (prebiotic) and MAKTabolite® (postbiotic) conditions the gut environment. A stabilized gut lining is the crucial first step for overall health.

2. Enhanced Nutrient Assimilation

By improving the gastrointestinal milieu through functional fibers like Pumpkin, the dog's body is better equipped to digest and absorb macronutrients from their regular food.

3. Structural & Cardiovascular Vitality

Bovine collagen provides the framework for joint and soft-tissue recovery, while Taurine supports cardiovascular endurance for sustained daily energy.

4. Proactive Immune Fortification

Optimal nutrient absorption allows organic Zinc and Vitamin C, alongside the complex polysaccharides of Turkey Tail Mushroom, to effectively fortify the systemic immune response.

SCIENTIFIC CONTEXT & RESPONSIBLE USE

This review reflects current veterinary nutrition literature on the ingredients and functional categories used in One Good Scoop. The formula is positioned as a premium daily wellness supplement designed to support recovery, digestion, nutrient utilization, and vitality through a whole-food-forward approach (see Selected Research below).

As with any supplement, results can vary based on the dog's diet, age, activity level, and health status. For dogs with previously diagnosed medical conditions or specialized nutritional needs, veterinarian guidance remains the best way to personalize daily use.

THE ONE GOOD SCOOP STANDARD

One Good Scoop brings together whole-food ingredients and targeted nutritional technology in a clean, simple daily powder designed for modern dogs. By pairing digestive support, nutrient-utilization ingredients, connective tissue building blocks, and resilient immune support, the formula helps dogs get more from every meal and maintain consistent vitality from one day to the next. This combination of simplicity, palatability, and evidence-informed formulation gives One Good Scoop a distinctive place in the premium canine wellness category.

Veterinary Review & Endorsement

"As a practicing veterinarian with many years of experience in canine health, I am pleased to offer my endorsement for the pet supplement formulation developed by One Good Scoop... I have thoroughly reviewed the ingredient list and the recommended dosages for this product, and I am confident that it meets the necessary health and nutritional standards for pets."

"Based on the ingredients and serving sizes reviewed, this product is formulated with ingredients safe for daily canine consumption when used as directed, providing a beneficial and enjoyable treat that supports your pet's daily routine."

— **Dr. Shamsul Alam Roky, DVM, MS (BVC Reg No: 6863)**

Selected Research

- Brethel, S., et al. (2023). "The effect of taurine supplementation on the renin-angiotensin aldosterone system in dogs with naturally-occurring congestive heart failure." *Scientific Reports*, 13, 10834. (PMCID: PMC10318075).
- Dobenecker, B., et al. (2024). "The oral intake of specific Bioactive Collagen Peptides (BCP) improves gait and quality of life in canine osteoarthritis patients." *PLOS One*. (PMCID: PMC11412516).
- Fritsch, D. A., et al. (2022). "A prospective multicenter study of the efficacy of a fiber-supplemented dietary intervention in dogs with chronic large bowel diarrhea." *BMC Veterinary Research*, 18. (PMCID: PMC9229818).
- Jewell, D. E., et al. (2024). "Effect of dietary antioxidants on free radical damage in dogs and cats." *Journal of Animal Science*, 102, skae153.
- Pereira, A. M., et al. (2021). "Zinc in Dog Nutrition, Health and Disease: A Review." *Animals (Basel)*, 11(4), 978. (PMCID: PMC8066201).
- Pinna, C., et al. (2018). "Influence of dietary protein and fructooligosaccharides on fecal end-products, intestinal microbiota and apparent total tract digestibility in dogs." *BMC Veterinary Research*, 14, 106. (PMCID: PMC5859515).
- Salminen, S., et al. (2021). "The International Scientific Association of Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of postbiotics." *Nature Reviews Gastroenterology & Hepatology*, 18(9), 649-667.