

# PET FOOD SOLUTIONS

**FOR TASTE, SAFETY & SHELF LIFE**

Functional ingredient solutions for pet food formulations, supporting palatability, food safety, and product stability.

## PALATANTS

### Palatant Production

Palatants improve aroma and flavor, supporting first bite acceptance and consistent intake across pet food applications.

- Increases feed acceptance
- Enhances aroma and flavor
- Supports product consistency
- Encourages repeat consumption

### Key components include:

Acidulants and buffers, sugars, amino acids, and mold inhibitors.

## SHELF LIFE & PRODUCT PROTECTION

Ingredient systems designed to protect product quality and stability throughout shelf life.

- Natural and synthetic antioxidants
- Fermentation products
- Antimicrobial systems
- Oxidation control and mold inhibition

These solutions help **maintain color, flavor stability, and overall product integrity** throughout shelf life.

## WATER TREATMENT SOLUTIONS



## CLEAN LABEL ANTIMICROBIALS

### Food Safety | Shelf Life

Antimicrobial systems help control spoilage, mitigate microbial risk from pathogens, and maintain product safety while supporting clean label positioning.

- Controls mold and bacteria
- Extends shelf life
- Supports food safety compliance
- Enables label-friendly formulations

### Key components include:

Buffered vinegar, organic acids and salts, and fermentation-based antimicrobial systems.

## HOW HAWKINS SOLUTIONS WORK

Hawkins supplies acid-based ingredient systems used in key pet food processes, including palatant manufacturing, coating, and fat application.

Supporting palatability and product protection across processing, storage, and distribution.

Solutions designed to support efficient pet food processing through improved water quality, system performance, and operational reliability.

# Ingredient Solutions for Pet Nutrition & Health

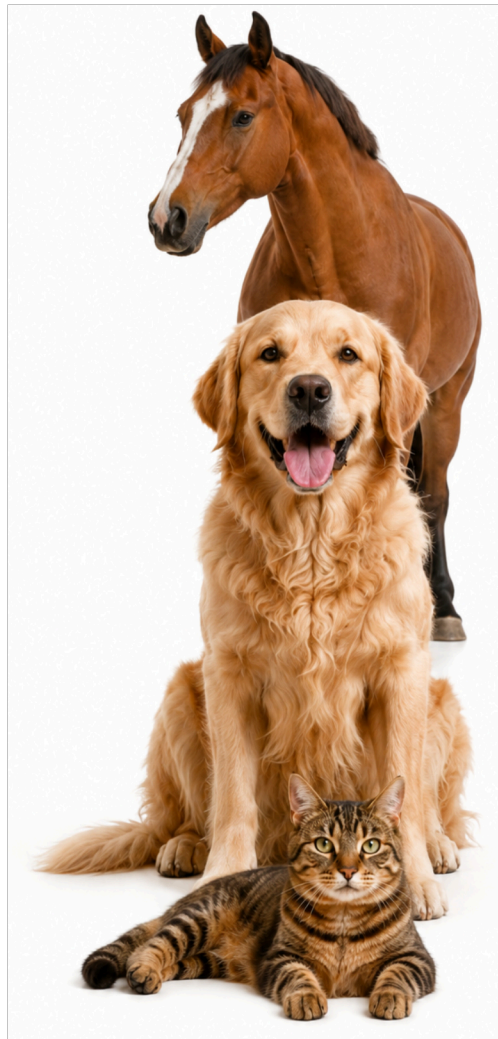
High-quality, human-grade ingredients designed to support targeted pet health formulations – from nutrition and functionality to performance.

## General Wellness

- Vitamins
- Minerals
- Yeast
- Quercetin
- Betaine Anhydrous
- Vitacholine
- EPAX 3,9,11

## Skin & Coat Health

- Dermial
- Nutritional Lipid Powders
- Omega 3 Oils
- Ahi Flower Powder
- Collagen
- OptiMSM®
- Biovaplex®



## Eye Health & Cognitive Support

- Lutein
- Zeaxanthin
- Organic Mushroom Powders
- Kelp
- MCTS

## Digestive Health

- Pre-Biotic Fibers
- Probiotics
- Enzymes

## Joint & Mobility

- Collavant n2 (native Type II)
- Biovaplex® Egg Membrane
- Plant-Based Calcium
- Glucosamine
- Celadrin®
- CS Bioactive (USA Chondroitin)

**APPLICATIONS:** DRY KIBBLE | WET FOOD | TREATS & CHEWS | FUNCTIONAL PET NUTRITION

*Supporting targeted pet health formulations – from functional ingredients to complete solutions*