

Pet Food





Tilley Distribution: Nourishing Pets, Enriching Lives

At Tilley Distribution, we understand the foundation of high-quality pet food lies in the ingredients used. That's why we provide the finest ingredients that ensure the health, growth, and well-being of your pets. Our extensive range of ingredients is carefully selected to meet the diverse nutritional needs of various pets.

Whether you need specialized enzymes to enhance food efficiency, or a preservative to extend shelf life, we have the solutions you need. We offer a variety of phosphates and other additives to create balanced and nutritious pet food formulations.

Explore our brochure to discover how Tilley Distribution can help you source the best ingredients for your pet food. Trust us to be your partner in providing top-quality nutrition for your pets. Our team of experts is here to help.

Thank you for choosing Tilley Distribution!





Tilley Distribution offers a wide range of high-quality ingredients that can be used in various types of pet foods and animal feeds.

Tilley Distribution partners with industry-leading manufacturers to provide high-quality ingredients for the pet food and treat industry. Our portfolio includes plant-based proteins, functional ingredients, natural antioxidants, and other performance-enhancing solutions designed to support palatability, nutrition, and product integrity.

Explore our trusted, consistent, and quality-assured ingredients for your pet food manufacturing needs.



ACIDULANTS

Acetic Acid

- **Digestive Aid:** promotes the production of digestive juices, boosting metabolism
- **Antimicrobial Properties:** helps keep intestines free of harmful bacteria
- **Skin and Coat Health:** can be used to treat mild skin irritations and as a natural flea repellent

Calcium Citrate

- **Bone Health:** provides a highly bioavailable source of calcium, essential for healthy bones and teeth
- **Urinary Health:** helps prevent urinary stones by lowering the pH value of urine
- **Muscle Function:** supports muscle and nerve function

Fumaric Acid

- **Preservative:** acts as a preservative, especially in moist pet foods
- **Palatability:** enhances the flavor of dry pet foods, making them more appealing to pets
- **Safety:** generally safe for all animal species when used within recommended levels

Malic Acid

- **Energy Production:** plays a role in the Krebs cycle, aiding in energy production
- **Immune Support:** has antioxidant properties that strengthen the immune system
- **Oral Health:** improves oral hygiene by reducing bacteria and preventing tartar

Potassium Citrate

- **Urinary Health:** helps prevent and dissolve urinary stones by alkalizing the urine
- **Potassium Source:** provides a natural source of potassium, important for muscle contraction and nerve function
- **Kidney Health:** reduces the formation of kidney stones



PET FOOD (cont'd)

ANTIOXIDANTS

BHA

- **Preservation:** extends the shelf life of fats and oils in pet food
- **Antioxidant:** prevents oxidation, keeping food fresh

BHT

- **Preservation:** extends the shelf life of fats and oils in pet food
- **Antioxidant:** prevents oxidation, keeping food fresh

Erythorbic Acid

- **Antioxidant:** helps prevent oxidative deterioration of food
- **Color Stabilizer:** preserves the color of pet food

Propyl Gallate

- **Antioxidant:** protects fats and oils from oxidation
- **Preservation:** extends the shelf life of pet food

Rosemary Extract

- **Natural Preservative:** inhibits the growth of harmful bacteria
- **Antioxidant:** rich in compounds like rosmarinic acid and carnosic acid, which combat oxidative stress

Sodium Erythorbate

- **Antioxidant:** prevents rancidity and spoilage
- **Color Preserver:** maintains the color and freshness of pet food

T.B.H.Q.

- **Preservation:** extends the shelf life of fats and oils
- **Antimicrobial:** reduces the growth of pathogenic bacteria



PET FOOD (con't)

COLORS

PD&C Primary Colors

- **Consistency:** provides uniform and vibrant colors, ensuring the pet food looks appealing and consistent
- **Stability:** these synthetic colors are stable under various processing conditions, maintaining their hue over time

Food Color Lake Dispersions

- **Versatility:** can be used in a wide range of pet food products, including dry kibble, wet food, and treats
- **Fat Solubility:** disperses well in fats and oils, making them ideal for products with high-fat content
- **Color Intensity:** offers intense and vivid colors that enhance the visual appeal of pet food

Natural Colors

- **Health Perception:** derived from fruits, vegetables, and spices, these colors are perceived as healthier and more wholesome
- **Safety:** less likely to cause adverse reactions in pets compared to synthetic colors
- **Bioactive Benefits:** some natural pigments have antioxidant properties that can improve pet health

TiO₂ Replacements

- **Natural Appeal:** provides whitening and opacifying effects using natural ingredients, aligning with consumer preferences for natural products
- **Safety:** avoids the potential health risks associated with titanium dioxide
- **Consistency:** ensures uniform color and appearance in pet food products

Titanium Dioxide

- **Whitening:** enhances the brilliance of colors and provides a whitening effect in products like canned foods and treats
- **Opacity:** creates a uniform base color, improving the overall appearance of pet food



PET FOOD (con't)



FLAVORS & ENHANCERS

Ethyl Vanillin

- **Flavor Enhancement:** provides a strong and appealing vanilla flavor, making the pet food more attractive to pets
- **Cost-Effectiveness:** a cost-effective flavoring agent that maintains its intensity over time

Inosine 5-Phosphate (IMP)

- **Umami Boost:** enhances the savory umami flavor, making the food more appetizing for pets
- **Appetite Stimulation:** helps stimulate the appetite of picky eaters or pets with reduced appetite

Monosodium Glutamate

- **Flavor Enhancement:** enhances savory flavors, making the pet food more appealing and enjoyable
- **Palatability Improvement:** increases the overall palatability, encouraging pets to eat more

Vanillin

- **Flavor Addition:** adds a pleasant vanilla flavor, making the pet food more attractive to pets
- **Palatability Improvement:** enhances the overall taste, encouraging pets to consume their food



PET FOOD (con't)

HYDROCOLLOIDS

Agar

- **Digestive Health:** promotes healthy digestion by binding water in the intestines and aiding in the elimination of toxins
- **Appetite Regulation:** acts as a natural appetite suppressant by creating a feeling of fullness

Alginate

- **Consistency:** provides a firm and consistent texture to pet food
- **Stability:** acts as a stabilizer, preventing ingredient separation and maintaining the food's appearance

Carrageenan

- **Texture Enhancement:** improves the texture and mouthfeel of pet food, making it more appealing
- **Binding Agent:** helps bind ingredients together, ensuring a consistent and palatable product

Gellan Gum

- **Texture Enhancement:** improves the texture and mouthfeel of pet food, making it more appealing
- **Binding Agent:** helps bind ingredients together, ensuring a consistent and palatable product

Guar Gum

- **Consistency:** acts as a thickening agent, providing a consistent texture and appearance
- **Digestive Health:** aids digestion and improves stool consistency

Locust Bean Gum

- **Texture Enhancement:** provides a creamy texture and improves mouthfeel
- **Stabilization:** prevents syneresis and promotes longer shelf life

Xanthan Gum Texture

- **Enhancement:** enhances the texture and consistency of pet food, making it more palatable
- **Stabilization:** prevents ingredient separation and ensures uniform distribution of nutrients

PHOSPHATES

Dicalcium Phosphate

- **Mineral Supplement:** provides essential calcium and phosphorus, supporting strong bones and teeth
- **Nutrient Absorption:** enhances the absorption of other nutrients, promoting overall health

Food Grade Phosphoric Acid

- **Preservation:** acts as a preservative, extending the shelf life of pet food by inhibiting bacterial growth
- **Flavor Enhancement:** improves taste by enhancing sweetness or fruit flavors

Monocalcium Phosphate

- **Bone Health:** supplies highly digestible calcium and phosphorus, crucial for bone and teeth development
- **Acidity Regulation:** acts as an acidity regulator, improving the consistency and shelf life of pet food

Phosphoric Acid

- **Taste Improvement:** enhances the flavor of pet food, making it more appealing to pets
- **Extension:** inhibits bacterial growth, extending the shelf life of pet food

Sodium Hexametaphosphate

- **Dental Health:** reduces tartar formation by binding calcium ions in saliva, promoting healthier teeth and gums
- **Texture Improvement:** prevents mineral residues from forming, improving the texture of pet food

TKPP

- **Protein Modification:** modifies proteins to retain moisture during storage, enhancing the texture and quality of pet food
- **Shelf Life Extension:** sequesters multivalent cations, preventing lipid oxidation and rancidity, thus extending shelf life



PET FOOD (con't)



SPECIALTY INGREDIENTS

Ascorbic Acid

- **Antioxidant Properties:** helps protect the body against damage caused by free radicals, supporting overall health
- **Immune Support:** boosts the immune system and aids in wound healing

Enzymes

- **Digestive Aid:** improves digestion by breaking down food more effectively, ensuring better nutrient absorption
- **Nutrient Utilization:** enhances the utilization of nutrients, promoting overall health

Glycerin

- **Moisture Retention:** acts as a humectant, keeping pet food moist and preventing spoilage
- **Palatability:** enhances the flavor and texture of pet food, making it more appealing to pets

Inulin

- **Prebiotic Benefits:** encourages the growth of beneficial gut bacteria, improving digestion and nutrient absorption
- **Digestive Health:** helps manage digestive issues like diarrhea and promotes overall gut health

Magnesium Oxide

- **Bone Health:** supports the development and maintenance of strong bones
- **Muscle Function:** aids in proper muscle function and nerve transmission

Propylene Glycol USP

- **Shelf Life Extension:** acts as a humectant, extending the shelf life of pet food by retaining moisture
- **Stabilization:** helps stabilize ingredients and maintain the food's texture

Salt

- **Flavor Enhancement:** increases the palatability of pet food, making it more appealing to pets
- **Preservation:** acts as a natural preservative, preventing the growth of harmful mold and bacteria

Stearates

- **Lubrication:** prevents ingredients from sticking together, improving the flow and processing of pet food
- **Shelf Life Improvement:** enhances the shelf life and quality of pet food by protecting it from moisture

Our Tilley True™ Promise

Tilley True™ is our guarantee that business will be conducted with quality, integrity, and commitment every step of the way. It's a promise to our customers, our team members, and our industry peers. We constantly work to ensure our processes, services, and products meet the most exacting standards and expectations. Whether you are working with our team to source specialty ingredients or to solve complex supply chain challenges, you'll see our Tilley True™ commitment in everything we do.



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Ingredients Brochure**



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