## Ingredients for the Animal & Pet Food Industry

Established in 1978, AMPAK Company, Inc. is a diverse Solutions Partner in the global sourcing of high-quality functional ingredients that can be used in a wide range of products across key industries. We have established strong supply relationships with key global manufacturers.



## **Animal Nutrition & Pet Food Ingredients**

Nutrient classes are categorized as either macronutrients (needed in relatively large amounts) or micronutrients (needed in smaller quantities). Macronutrients are carbohydrates, fats, fiber, proteins, and water; micronutrients are minerals and vitamins. Ampak offers a wide range of nutrient ingredients used in the formulation of products for animal nutrition (livestock and domestic animals) and for pet food markets.



## **Our Portfolio of Ingredients Includes:**

**Amino Acids:** L-Glycine, L-Lysine, L-Taurine (feline eye health), L-Threonine, L-Tryptophan, L-Valine, etc. (building blocks for proteins and muscular tissue, development of organs)

**Antioxidants:** Ascorbic Acid (assists by alleviating stress during times of illness and recovery, stimulates collagen production and iron absorption)

**Hydrocolloids:** Agar-Agar, Carrageenan, Cassia Gum, CMC, Gelatin, Glucomannan (Konjac), Guar Gum, Gum Arabic, Gum Ghatti, Gum Karaya, Gum Tragacanth, HPMC, Locust Bean Gum, MCC, Tara Gum, Xanthan Gum, Custom Blends (upon request)

Phosphates: Dicalcium Phosphate (DCP), Tricalcium Phosphate (TCP), etc.

**Vitamins + Minerals:** Widely used in animal nutrition, vitamins and minerals play crucial roles in functional health-boosting; fertility-enhancing; neuromuscular function; production of red blood cells and antibodies; helping build strong, healthy bones and teeth, and more: Ascorbic Acid (Vitamin C), Carotenoids (Vitamin A), Cholecalciferol (Vitamin D), Niacin/Niacinamide (Vitamin B3), Riboflavin (Vitamin B2), Tocopherols (Vitamin E), Cyanocobalamin (Vitamin B12), Stearates (Calcium & Magnesium), Gluconates (Calcium, Magnesium, Zinc, etc.), Chondroitin Sulfate

Other Key Products: Biotin USP, (forms fatty acids and glucose for fuel, metabolism of amino acids and carbs), Psyllium (supports muscle development, post-exercise recovery, nervous & cardiovascular systems), Creatine, Mono & Anhydrous (used for arthritic horses and cattle), Methylsulfonylmethane (MSM), Titanium Dioxide (Pretiox, for pet foods and bird feed), Iodine Derivative (Ioditec), Potassium Iodide, Sodium Iodide, Povidone Iodine, Petrolatum (animal ointments), Polyethylene Glycols (PEGS – various grades), Citrus Bioflavonoids, Gelatin (pet food), Anethole.

If you do not see the product you are looking for above, please contact your AMPAK sales representative.

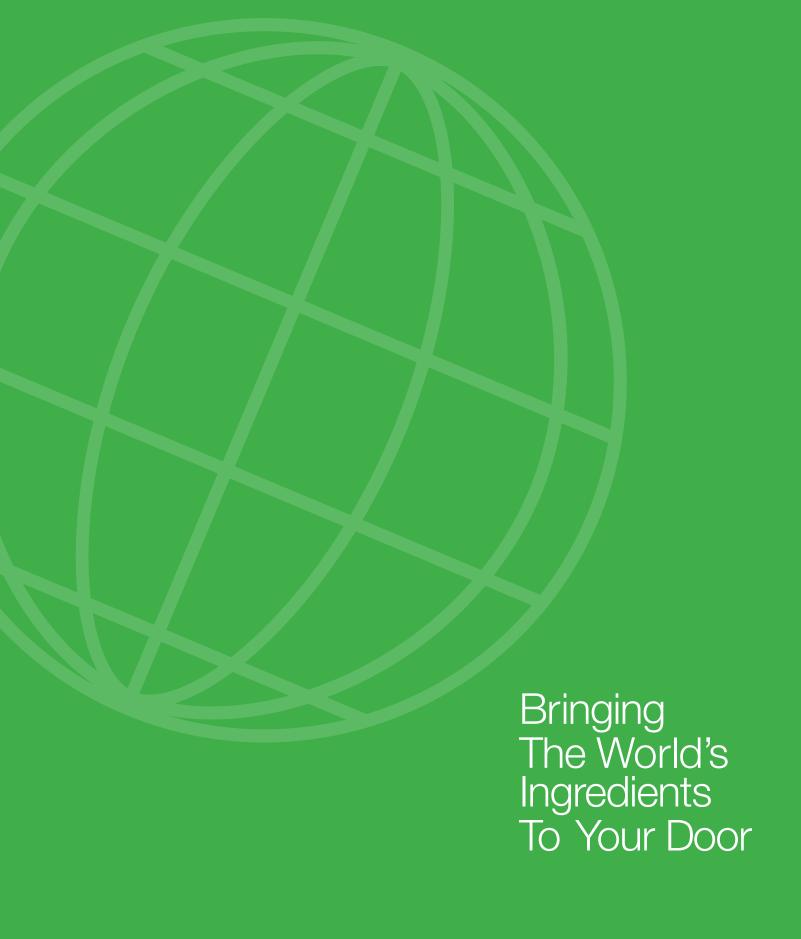
Customer service and support are a top priority of AMPAK Company, Inc.
We stand behind our products based on our strong international supply-chain affiliates, backed by a
guarantee that our products will meet or exceed all expectations. Our Commercial Specialists across the U.S.
can provide the customized solutions you need.

## AMPAK COMPANY, INC.

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