

**Table 1 Selected AAFCO Ingredient Definitions and Common Language Translation**

Ingredient	The AAFCO definition states [3]:	The definition means:
<b>Protein Ingredients: Meat</b>		
<p>*9.2 Meat (Adopted 1938, Amended 1939, 1963)</p>	<p>The clean flesh derived from slaughtered mammals and is limited to that part of the striate muscle which is skeletal or that which is found in the tongue, in the diaphragm, in the heart or in the esophagus, with or without the accompanying overlying fat and portions of the skin, sinew, nerve, and blood vessels which normally accompany the flesh. It shall be suitable for animal feed. If it bears a name descriptive of its kind, it must correspond thereto.</p>	<p>Skeletal muscle, or muscle from the heart, tongue or other muscular parts. If it is labeled as beef, it must come from a bovine source.</p>
<p>*9.3 Meat by-products (Adopted 1974, Amended 1978)</p>	<p>The non-rendered, clean parts, other than meat, derived from slaughtered mammals. It includes, but is not limited to, lungs, spleen, kidneys, brain, liver, blood, bone, partially defatted low temperature fatty tissue, and stomach and intestines freed of their contents. It does not include hair, horns, teeth and hoofs. It shall be suitable for animal feed. If it bears a name descriptive of its kind, it must correspond thereto.</p>	<p>Organs.</p>
<p>*9.40 Meat meal (Adopted 1972, Amended 1985, Adopted 1993)</p>	<p>The rendered product from mammal tissues, exclusive of any added blood, hair, horn, hide trimmings, manure, stomach and rumen contents except in such amounts as may occur unavoidably in good processing practices. It shall not contain added extraneous materials not provided for by this definition The Calcium (Ca) level shall not exceed the actual; level of Phosphorus (P) by more than 2.2 times. It shall not contain more than 12% Pepsin indigestible residue** and not more than 9% of the crude protein in the product shall be Pepsin indigestible**. The label shall include guarantees for minimum crude protein, minimum crude fat, maximum crude fiber, minimum Phosphorus (P) and minimum and maximum Calcium (Ca). The Calcium (Ca) level shall not exceed the actual level of phosphorus (P) by more than 2.2 times. If it bears a name descriptive of its kind, composition or origin, it must correspond thereto.</p>	<p>Concentrated source of animal protein from cooked, dried and ground meat from which most of the fat has been removed.</p>
<b>Protein Ingredients: Poultry</b>		
<p>9.10 Poultry by-product meal (Adopted 1990, Amended 2000)</p>	<p>The ground, rendered, clean parts of the carcass of slaughtered poultry, such as necks, feet, undeveloped eggs and intestines, exclusive of feathers, except in amounts as might occur unavoidably in good processing practices. The label shall include guarantees for minimum crude protein, minimum crude fat, maximum crude fiber, minimum Phosphorus (P) and minimum and maximum Calcium (Ca). The Calcium (Ca) level shall not exceed the actual level of phosphorus (P) by more than 2.2 times. If it bears a name descriptive of its kind, it must correspond thereto.</p>	<p>Concentrated source of poultry protein with balanced calcium and phosphorus</p>

9.14 Poultry by-products (Adopted 1964, Amended 2000)	The non-rendered clean parts of carcasses of slaughtered poultry such as heads, feet, viscera, free from fecal content and foreign matter except in such trace amounts as might occur unavoidably in good factory practice. If it bears a name descriptive of its kind, it must correspond thereto.	Organs plus collagen-rich connective tissue.
9.71 Poultry meal (Adopted 1992)	The dry rendered product from a combination of clean flesh and skin with or without accompanying bone, derived from the parts of whole carcasses of poultry or a combination thereof, exclusive of feathers, heads, feet and entrails. It shall be suitable for use in animal feed. If it bears a name descriptive of its kind, it must correspond thereto.	Concentrated source of poultry protein
* 9.68 Animal digest (Adopted 1983, Amended 1990)	A material which results from chemical and/or enzymatic hydrolysis of clean and undecomposed animal tissue. The animal tissues shall be exclusive of hair, horns, teeth, hooves and feathers, except in such trace amounts as might occur unavoidably in good factory practice and shall be suitable for animal feed. If it bears a name descriptive of its kind or flavor(s), it must correspond thereto.	Partially digested (hydrolyzed) animal protein sources (poultry or meat), which are highly palatable to pets. This can be used wet, or dried.
<b>Protein Ingredients: Vegetable</b>		
48.14 Corn gluten meal (Adopted 1936, Amended 1960)	The dried residue from corn after the removal of the larger part of the starch and germ, and the separation of the bran by the process employed in the wet milling manufacture of corn starch or syrup, or by the enzymatic treatment of the endosperm. It may contain fermented corn extractives and/or corn germ meal.	The high protein portion of corn left after the starch has been removed.
84.60 Soybean meal, mechanical extracted (adopted 1992)	The product obtained by grinding the cake or chips which remains after removal of most of the oil from soybeans by mechanical extraction process. It must contain not more than 7.0% crude fiber. It may contain calcium carbonate or an anti-caking agent not to exceed 0.5% as defined in Section 87 (special Purpose Products) to reduce caking and improve flowability. The name of the conditioning agent must be shown as an added ingredient. The words "mechanically extracted" are not required when listing as an ingredient in a manufactured feed.	Concentrated protein left after the soybean oil has been removed from the beans.