

# Inspection of Feed Products and Pet Foods — 1985

By Lester Hankin

## INSPECTION OF FEED PRODUCTS AND PET FOODS-1985

Chemical analyses of 499 official samples of feed products and pet foods collected during 1985 by inspectors of the Connecticut Department of Agriculture are presented in this Bulletin. Two-hundred fourteen are for farm animals. Although the 285 pet foods are mainly for cats and dogs, food for caged birds and fish is included.

Table 1 shows individual samples from 64 manufacturers. In the Table the brand names for individual products from each manufacturer are followed by the percentage guarantee for protein, fat, fiber, and in some cases ash. For example, the numbers 11, 6, 1, 4 indicate that a minimum of 11% protein, a minimum of 6% fat, a maximum of 1% fiber, and a maximum of 4% ash are guaranteed. The analyses are then shown with deficiencies in protein and fat followed by a dash (-) and excesses in fiber and ash followed by a plus sign (+).

A summary is provided in Table 2 of the number of samples from each manufacturer and the number of guarantees for ash. The number of guarantees for protein, fat, and fiber is the same as the number of samples. Next is shown the percentage not meeting the guarantee for each nutrient, followed by the average percentage of guarantee for each nutrient.

Two types of variability affect feed and pet food analysis and must be considered in judging deficiencies. The first is the variability among different batches of the same product. This variability can be noted by examination of results of analyses on the same product from the same manufacturer. The second type of variability is among duplicate analyses of the same sample. This variability is shown by the statement: the mean difference between duplicates for protein is about four-tenths percent, for fat and fiber about one-fourth percent, and for ash about two-tenths percent.

Feed and pet food samples are deemed deficient in protein and fat and excessive in fiber and ash if the analysis is not within permitted variations recommended by the Association of American Feed Control Officials. For all samples tested only 3.2% were deficient in protein, 2.8% deficient in fat, 0.8% excessive in fiber, and 1.6% excessive in ash.

Analyses were by Helen Kocaba, Mamie Pyles, Mary Alice DeFrancesco, and Jerry Smart. Samples were collected by John Chapman, Joseph Dippel, David Nisely, and Alton VanDyke. Feed laws are administered by the Commissioner of the Connecticut Department of Agriculture.

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Table 1. Analysis of Individual Samples

Manufacturer and brand	Guarantee, %			Nutrients Found, %			Ash
				Protein	Fat	Fiber	
8 In 1 Pet Products, Inc.							
8 In 1 Canary & Song Food	18	22	16	16.9-	23.0	5.3	
8 In 1 Grains & Greens	14	7	7	15.9	10.4	3.5	
8 In 1 Parakeet Color Food	11	4	9	15.5	6.1	4.6	
8 In 1 Parakeet Moulting Food	11	5	9	13.3	6.9	7.2	
8 In 1 Parakeet Nestling Food	15	6	9	16.1	7.1	4.1	
8 In 1 Parakeet Vitalizer Treat	13	7	12	14.4	8.5	5.3	
8 In 1 Parakeet Woodland Mix	12	6	10	13.3	8.9	6.0	
A. H. Robbins Co., Inc.							
Sergeant's Parakeet Seed	11	3	8	13.8	5.8	7.7	
Sergeant's Canary Bird Seed	13	7	14	14.2	12.0	8.7	
Agway, Inc.							
Agway 14% Hog Feed (T-20)	14	3	5	16.7	3.9	3.4	
Agway 14% Hog Feed (T-20)	14	3	5	14.9	3.7	2.9	
Agway 16% Sow & Pig Feed	16	3	5.5	17.3	3.5	3.6	
Agway 16% Sow & Pig Feed (T-40)	16	3	5	17.1	3.7	3.2	
Agway 16% Sow & Pig Feed (T-40)	16	3	5	17.2	4.0	2.5	
Agway 37% Hog Concentrate	37	2	6	37.7	3.2	3.7	
Agway 37% Hog Concentrate	37	2	6	32.8-	2.7	3.7	
Agway 44% Pro-Blend	44	1	7	38.1-	2.6	3.5	
Agway 48% Solvent Extracted Soybean Meal	48	0.5	3.5	48.9	2.1	3.5	
Agway Big Red Special Rabbit	15	2.5	15	15.1	3.5	13.9	
Agway Big Red Special Rabbit	15	2.5	15	15.5	2.6	8.5	
Agway Choice for Horses	12	2	20	13.4	2.8	11.3	
Agway Choice for Horses	12	2	20	12.6	3.5	10.5	
Agway Choice for Horses	12	2	20	13.9	2.9	10.9	
Agway Choice for Horses	12	2	20	14.8	2.4	11.2	
Agway Complete Horse Feed Pellets	12	2	2.0	13.9	5.0	14.8	
Agway Country Broiler Maker	21	3.5	4	22.4	3.5	2.3	
Agway Country Chick Starter	18	3	4	18.1	3.7	2.5	
Agway Country Chick Starter	18	3	4	18.4	3.6	2.5	
Agway Country Chicken Grower	14.5	3.5	4	15.9	5.3	3.1	
Agway Country Chicken Grower	14.5	3.5	4	15.6	3.7	2.8	
Agway Country Egg Layer	16	3	4	16.0	4.0	2.9	
Agway Country Egg Layer	16	3	4	16.0	4.8	2.5	
Agway Country Egg Layer	16	3	4	18.0	3.5	2.6	
Agway Country Egg Layer Pellets	16	3	4	16.2	4.8	2.5	
Agway Country Game & Turkey	21	3	4	23.0	3.8	3.2	
Agway Country Game & Turkey Breeder	18	3	4.5	19.3	3.3	2.8	
Agway Country Game & Turkey Feed	16	3	8	16.5	4.2	2.9	
Agway Country Game & Turkey Grower	21	3	4.5	22.9	3.5	2.6	
Agway Country Game & Turkey Grower	21	3	4.5	21.9	3.5	3.0	
Agway Country Game & Turkey Starter	28	3	4	28.4	3.9	2.1	
Agway Country Game & Turkey Starter	28	3	4	28.6	3.5	2.8	
Agway Country Turkey Grower	21	3	4.5	23.9	5.3	3.5	
Agway Fresh Cow Plus	25.5	3.5	8.5	25.1	5.2	5.7	
Agway Fresh Cow Plus	25.5	3.5	8.5	27.4	6.2	6.1	
Agway Gestating Swine Feed	14	2.5	10	14.3	4.5	4.5	
Agway Hi Energy Lamb Pellets	16	3.5	9	16.9	4.7	5.3	
Agway HMC Balancer Pro: Right 2500-32	32	2	8	31.1	3.8	5.1	
Agway Mare 'N' Foal	18	2.5	7.5	18.9	4.0	5.7	
Agway Mare 'N' Foal	18	2.5	7.5	18.5	2.8	4.9	
Agway Performance for Horses	14	3	10	18.2	3.9	4.8	
Agway Performance for Horses	14	3	10	15.1	4.5	4.7	
Agway Pro: Right 2000-40	40	1	5	39.1	3.7	2.9	
Agway Pro: Right 3000-26	26	3	6.5	25.4	5.0	4.0	
Agway Pro: Right 4000-22	22	3	6.5	22.0	5.0	4.4	
Agway Pro: Right 4500-20	20	3	6.5	20.8	5.8	4.1	
Agway Pro: Right 4500-20 RC	20	3	6.5	20.1	3.2	4.4	

Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %				Nutrients Found, %			Ash
	Protein	Fat	Fiber					
Agway Pro: Right 5000-18	18	3	6.5		19.0	5.5	3.7	
Agway Pro: Right 5000-18 RC	18	3	6.5		21.1	5.9	4.2	
Agway Ratio: Right 350-23	23	3	9.5		23.3	4.0	5.7	
Agway Ratio: Right 450-20	20	3	7		18.6-	4.6	5.4	
Agway Ratio: Right 450-20	20	3	7		21.4	4.8	4.3	
Agway Ratio: Right 500-16	16	3	8.5		16.3	4.8	5.8	
Agway Ratio: Right 501-16	16	3	8.5		17.8	3.8	7.7	
Agway Ratio: Right 550-16	16	3	7		16.1	5.9	5.4	
Agway Rough X-10	10	2.5	15		16.7	4.7	6.7	
Agway Scratch Grains	9	2	5		8.4-	4.0	2.5	
Agway TCR I	15	2	23		18.6	4.6	8.4	
Agway TCR I (AMP 200)	15	2	23		16.6	3.4	9.2	
Agway TCR I	15	2	23		17.4	4.3	12.2	
Agway TCR I	15	2	23		17.3	2.9	13.5	
Alpo Petfoods, Inc.								
Alpo Beef Bite Treats for Dogs	23	10	3		26.9	11.6	1.5	
Alpo Beef Bite Treats with Cheese for Dogs	23	10	3		24.7	12.5	1.8	
Alpo Beef Chunks Dinner for Dogs	11	6	1.5	3	11.8	4.3-	0.8	1.9
Alpo Beef Chunks for Dogs	11	6	1.5	3	14.3	3.9-	0.5	2.5
Alpo Beef Snaps with Cheese for Dogs and Cats	18	4	2.5	7	24.6	7.1	0.8	3.1
Alpo Puppy Food With Beef	10	9	1		10.6	9.9	0.6	
Alpo Seafood Combo Dinner for Dogs	10	4	1.5		10.4	5.8	1.1	
Alpo Seasteak Dinner for Dogs	10	4	1.5		14.5	4.4	0.8	
Alpo Tabby Beef Dinner	11	6	1	2.5	11.9	10.3	1.1	1.7
Alpo Tabby Chicken Dinner	11	6	1		13.4	10.1	0.4	
Alpo Tabby Liver Dinner	11	5	1		15.4	6.6	0.4	
Alpo Tabby Treat-Original Banquet	11	6	1		15.1	6.3	0.7	
Alpo Tabby Tuna and Chicken	11	6	1		12.6	6.3	0.4	
Alpo Tabby Tuna Dinner	15	4	1		15.1	4.2	1.0	
Alpo Variety Snaps	17	4	4	8	21.6	4.5	1.1	3.7
Bay-Mor Pet Feeds								
Bay-Mor Gerbil Special Mix	14	3	7		14.2	7.0	6.5	
Beatrice Grocery Products								
ANF 24 Dog Food	24	15	5	9	28.1	15.6	3.6	5.8
ANF 24 Dog Food	24	15	5	9	27.6	17.1	2.3	5.8
ANF 24 Dog Food	24	15	5	9	26.9	15.5	4.7	6.0
ANF 24 Dog Food	24	15	5	9	27.6	16.6	4.0	6.1
ANF 24 Dog Food	24	15	5	9	26.8	15.5	3.9	5.5
ANF 24 Dog Food	24	15	5	9	24.3	21.2	5.4	5.9
ANF 30 Dog Food	30	18	3.5	9	33.5	18.6	2.9	7.4
ANF 30 Dog Food	30	18	3.5	9	30.9	19.4	2.6	7.6
ANF 30 Dog Food	30	18	3.5	9	30.8	19.4	3.2	8.0
ANF 30 Dog Food	30	18	3.5	9	33.6	19.8	2.4	7.0
ANF Liver Treats for Dogs	30	9	1		32.5	13.5	0.4	
ANF M Dog Food	26	15	3		30.8	17.7	3.2	
ANF M Dog Food	26	15	3		26.8	15.5	3.3	
ANF Puppy Food	32	20	4	9	32.9	22.0	2.3	7.2
ANF Puppy Food	32	20	4	9	32.7	20.9	2.3	8.1
ANF Puppy Food	32	20	4	9	31.2	21.4	2.5	8.0
ANF Puppy Food	32	20	4	9	32.4	22.4	2.2	8.1
Bonkers Chicken Treats for Cats	30	9	1		33.3	14.3	0.1	
Bonkers Liver Treats for Cats	30	9	1		34.6	14.3	2.1	
Tami-Ami Cat Food	32	20	3.75	6.5	33.0	21.1	2.3	6.4
Tami-Ami Cat Food	32	20	3.75	6.5	32.4	22.4	2.2	6.8
Tami-Ami Cat Food	32	20	3	5.5	34.3	20.6	2.4	5.3
Tami-Ami Cat Food	32	20	3	5.5	33.0	20.7	2.2	5.6

Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %				Nutrients Found, %			Ash
	Protein	Fat	Fiber					
Best Feeds & Farm Supplies								
Best Feeds Kibbled Dog Food	20	6	5	10	26.8	8.9	2.5	7.3
Joy Dog Food - Chunks	25	8	4	10	28.6	9.3	2.5	7.5
Joy Dog Food - Special Meal	26	10	4	10	27.6	10.9	2.9	7.4
Bi-Agri								
Bi-Agri Fermway	9	0.5	25	17	10.8	0.7	12.2	17.7
Big Bet Pet Foods								
Big Bet Beef Chunks Dinner for Dogs	11	5	1.5		12.1	5.9	0.9	
Big Bet Beef Chunks Dog Food	11	5	1.5		15.4	6.7	0.6	
Big Bet Beef Dinner for Dogs	11	5	1.5		13.9	6.3	0.5	
Big Bet Fish & Chicken For Cats	11	3	1.5		11.7	5.7	0.3	
Big Bet Fish and Chicken Dinner for Cats	11	3	1.5		13.2	6.7	0.4	
Big Bet Fish/Chicken/Meat By Prod/Heart/Kid/Liv	11	3	1.5		11.4	9.3	0.2	
Big Bet Liver Chunks Dinner for Dogs	12	5	1.5		15.4	5.6	0.6	
Big Bet Meat-Poultry-Liver Dinner for Dogs.	11	5	1.5		11.3	7.6	0.9	
Binzo, LTD								
Binzo Bone	18	3.7	4		18.0	2.1-	0.1	
Choco-O-Binzo	16	3	3.5		17.1	2.4-	0.1	
Bloomfield Farmers Exchange								
48% Dehulled Solvent Extracted Soybean Meal	48	0.5	3.5		52.3	2.9	3.9	
48% Dehulled Solvent Extracted Soybean Meal	48	0.5	3.5		32.2-	2.5	3.2	
Bumble Bee Seafoods								
Figaro Tuna Cat Food	18	2	1	3	23.2	4.1	0.7	1.6
C.H.B. Foods, Inc.								
Skippy Premium Picnic Dinner	9	3	1.5	3	9.7	4.3	0.8	1.7
Cadillac Pet Foods, Inc.								
Cadillac Chunky Liver Dinner for Dogs	10	5	1	3.5	11.4	10.6	0.8	1.6
Special Diet Formulation Dietary Pet Food E	7	3	1.5	2.4	6.6-	4.4	0.6	1.4
Special Diet Formulation Dietary Pet Food F	8	5	1.5	1.5	7.2-	5.2	0.6	1.2
Special Diet Formulation Dietary Pet Food H	7	4	1	2	9.2	7.2	0.5	1.5
Special Diet Formulation Dietary Pet Food N	4.5	2	1.5	2	4.6	5.4	0.5	0.9
Special Diet Formulation Dietary Pet Food O	6	1	6	2.5	6.8	1.8	4.4	1.7
Special Diet Formulation Dietary Pet Food S	10	6	1	2.5	8.0-	6.9	2.5+	2.0
Carnation Co.								
Bright Eyes Liver & Chicken Dinner	10	3	1	2.9	10.7	7.8	0.7	1.8
Buffet Tidbits Cape Cod Style Platter	10	3	1	2.5	16.1	4.6	0.4	2.4
Buffet Tidbits Poultry Bits in Sauce for Cats	10	5	1	2	16.6	4.5	0.4	2.2
Buffet Tidbits Prime Bits in Sauce	10	5	1	2	16.8	10.0	0.4	2.3
Buffet Tidbits Seafood Bits in Sauce	10	3	1	2.75	16.1	5.5	0.3	2.7
Carnation Calf-Manna	25	3	6	10	29.8	3.4	3.9	7.7
Carnation Challenge 16 Dairy Pellets	16	2.5	15		21.1	3.6	7.4	
Carnation Classic Cat Dinners	30	8	4.5		31.4	10.4	2.0	
Carnation Classic Chunks Dog Food	21	6	6.5		23.1	9.2	4.1	
Carnation Family Farm Egg Maker	15	3	7		15.5	3.1	3.1	
Carnation Family Farm Hog Grower	16	3	7		16.5	4.4	5.8	
Carnation Hi-Pro 26 Dog Food	26	10	5		27.5	9.0	3.3	
Carnation High Spirit Horse Food	16	2	14		17.9	4.6	12.5	
Carnation Mighty Dog Beef & Chicken	10	6	1		10.2	12.8	0.5	
Carnation Small World Canary Dinners	13	8	12		13.1	5.4-	5.1	
Carnation Small World Fancy Guinea Pig Dinners	14	2	18		19.8	3.1	10.0	
Carnation Small World Fancy Hamster Dinners	14	4	15		14.1	4.3	7.1	
Carnation Small World Finch Dinner	13	5	9		14.2	11.4	6.0	
Carnation Trip-L-Duty Pakette	16	3	10		16.3	3.6	8.6	
Carnation Turkey Finisher	13.5	3.5	5		13.7	3.9	3.6	

Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %				Nutrients Found, %			Ash
	Protein	Fat	Fiber					
Carnation Turkey Starter, Medicated	26	4	5		26.3	4.1	3.2	
Chef's Blend Beef, Chicken, Turkey & Liver	30	8	4.5		30.7	10.0	1.5	
Fancy Feast Chopped Grill Cat Food	12	7.5	1	2.6	13.0	8.1	0.9	2.3
Fancy Feast Savory Salmon Feast Cat Food	13	5	1	2.6	17.3	6.1	0.7	3.1+
Fancy Feast Seafood Feast	13	3.5	1	3.2	15.4	4.9	0.5	3.0
Friskies Buffet Beef and Liver Dinner for Cats	11.5	7	1	3	14.2	7.8	1.0	2.3
Friskies Buffet Country Style for Cats	10.5	5	1	2.5	15.6	8.0	0.5	2.0
Friskies Buffet Seafood Supper for Cats	12.5	4	1	2.5	15.4	6.6	0.3	2.1
Friskies Buffet Tuna and Chicken for Cats	12	5	1	2.5	14.5	5.1	0.3	2.0
Friskies Buffet Tuna Dinner for Cats	11	5	1	2.5	16.6	11.4	0.3	2.4
Friskies Buffet Turkey & Giblets Dinner for Cats	11	7	1	3.5	11.0	8.3	0.3	3.0
Mighty Dog Beef for Dogs	11	6	1		16.9	13.9	0.4	
Champion Valley Farms								
Recipe Chicken, Liver & Egg Dinner	9	5	1.5		11.6	6.5	1.2	
Recipe Treats	14	7	2.5		18.6	7.8	0.9	
ConAgra, Inc.								
Geisler Canary Moulting Food	12	7	13		16.8	15.3	5.9	
Geisler Gerbil Treat	12	3	5		12.5	3.6	2.4	
Continental Grain Co./Wayne Pet Food Div.								
Wayne Dog Food	25	8	4.5		28.4	9.6	3.5	
Wayne Gold Label Dog Food	30	20	3		32.9	20.8	1.7	
Wayne Gold Label Dog Food	30	20	3		31.1	22.0	2.0	
Wayne Puppy O's	28	9	5		29.5	9.5	3.5	
Cosmic Pet Products								
Cosmic Catnip Treats	19	9	1.5		20.1	9.1	1.1	
Creature's Comforts, Inc.								
Creature Comforts Rabbit Pellets	13	2.5	15		15.6	5.3	3.9	
Davis Grande, Inc.								
Davis #1 Breeding Feed With King Korn	12	2	6		13.6	3.3	3.5	
Davis #1 Breeding Feed With No Corn	12	2	6		13.1	3.4	3.0	
Davis Blue Ribbon with Pop Corn	14	2	3		14.5	3.7	4.1+	
Docktor Laboratories, Inc.								
Armitages Good Boy Chocolate Drops	5	25	1	1.5	3.7-	26.5	0.3+	2.0
Docktor Parakeet Seed	12	3	7		12.8	4.9	5.9	
Docktor Staple Food Flakes Tropical Fish Food	47	4	9	19	47.1	12.6	2.8	13.8
Eagle Products, Inc.								
Eagle Cat Pack	32	16	3	6.5	32.4	14.7	1.7	5.8
Eagle Kennel Pack 25/15	25	15	4	10	30.0	18.1	1.9	9.4
Eagle Maintenance Pack	20	12	4	6.5	24.3	10.8	2.8	8.5+
Eagle Stress Pack 30/20	30	20	4.5	10	30.0	21.4	2.1	10.0
Evanger's Dog & Cat Food Co.								
Evanger's Total Ration	10	3	1.5	4	12.4	6.2	0.7	2.9
Evanger's Beef and Bacon for Dogs	12	5	1.5		13.9	3.9-	0.7	
Evanger's Beef With Chicken	12	5	1.5		13.8	8.0	1.3	
Evanger's Horsemeat	12	5	1.5		14.1	6.4	0.6	
Evanger's Liver and Beef By Products	12	5	1.5		12.1	5.2	0.5	
Evanger's No Salt 100% Beef for Dogs	13	5	1.5		15.0	7.2	0.5	
First National Supermarkets								
Chicken Parts and Liver for Dogs & Cats	10	8	1.5	4	11.5	11.0	0.6	3.5
Chicken Parts for Cats	9	6	1	5	10.5	14.3	0.7	4.4
Deluxe Dinner for Cats	10.5	6	1.5	4	13.8	8.2	0.6	3.7
Finast Horsemeat Chunks & Meat By Products	12	5	1.5		12.3	7.1	1.3	

Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %			Nutrients Found, %			Ash
	Protein	Fat	Fiber				
Generic Dog Food Meat Flavor	6	1.25	2	6.8	2.7	1.0	
Generic Soft & Moist Cat Food	21	8.5	3.5	27.1	11.0	1.3	
Gaines Foods, Inc.							
Gaines Cycle 1 for Puppies	10	6	2	10.5	7.3	0.8	
Gaines Cycle 1 for Puppies	10	6	2	10.6	6.5	0.8	
Gaines Cycle 2 Adult Dogs	7	5	2	8.8	6.7	0.7	
Gaines Cycle 2 Adult Dogs 1-7 years	7	5	2	8.9	7.9	0.9	
Gaines Cycle 2 Beef Flavor	7	5	2	8.6	8.0	0.7	
Gaines Cycle 3 Less Active Dogs	7	2	5	8.3	3.5	2.5	
Gaines Cycle 4 Older Dogs	5	3	5	7.8	4.8	2.4	
Gaines Meal Dog Food	21	5	6	22.9	7.0	2.7	
H. K. Webster Co., Inc.							
AVI Pellets	20	4.5	4	20.8	5.8	2.9	
Blue Seal Chick Starter AM	20	3	4	20.0	3.3	3.7	
Blue Seal Contender Horse Feed	16	3.5	7.5	16.3	3.6	5.4	
Blue Seal Contender Horse Feed	16	3.5	7.5	17.1	3.5	6.9	
Blue Seal Contender Horse Feed	16	3.5	7.5	16.2	3.8	5.1	
Blue Seal Energizer 16	16	3.2	5.5	16.6	3.7	3.7	
Blue Seal Fat & Finish Pellets	18	4.5	3.5	18.2	6.1	2.7	
Blue Seal Grower Cal-Mash	15	3	4	16.8	4.0	3.2	
Blue Seal Grower Cal-Mash	15	3	4	15.2	4.6	3.1	
Blue Seal Hi Pro 20 Rabbit Pellets	20	2.5	12	23.0	3.8	9.0	
Blue Seal Horse Feed Pellets	11	3	7	13.0	3.6	6.2	
Blue Seal Hutch 18 Pellets	18	2.5	15	18.7	3.6	12.5	
Blue Seal Lamb Finisher Pellets	15	3.5	7	17.1	3.5	3.8	
Blue Seal Lamb Starter	18	3.5	7	19.6	3.6	4.1	
Blue Seal Lamb Starter-Grower Pellets	18	3.5	7	20.4	3.5	3.8	
Blue Seal Layer Mash	15	3	4	16.6	4.3	2.6	
Blue Seal Layer Mash	15	3	4	16.1	3.1	2.9	
Blue Seal Layer Mash	15	3	4	15.0	3.7	2.9	
Blue Seal Layer Pellets	15	3	4	15.0	2.6	2.2	
Blue Seal Layer Pellets	15	3	4	15.6	3.4	3.2	
Blue Seal Layer Pellets	15	3	4	16.3	3.1	3.2	
Blue Seal Layer Pellets	15	3	4	15.8	2.7	2.5	
Blue Seal Milkmaker 16	16	3	8.5	16.0	2.4-	6.8	
Blue Seal Milkmaker 16	16	3	8.5	17.6	3.4	7.3	
Blue Seal Milkmaker 20	20	3	8.5	22.3	3.8	7.2	
Blue Seal Milkmaker 20	20	3.5	8.5	21.3	3.6	5.7	
Blue Seal Pig & Sow Pellets	15	3.5	7	16.1	3.7	5.0	
Blue Seal Piglets Crumbles	18	3.5	7	18.2	4.9	4.9	
Blue Seal Scratch Feed	9	2.5	5	9.3	3.0	2.3	
Blue Seal Songmaker Wild Bird Food	11	8	10	14.1	16.1	9.7	
Blue Seal Strider Horse Food	11	3	7	12.4	3.0	7.0	
Blue Seal Trotter	14	2.5	20	16.4	3.8	10.4	
Blue Seal Trotter	14	2.5	20	17.3	3.4	11.5	
Blue Seal Trotter	14	2.5	20	15.2	3.9	8.8	
Blue Seal Trotter	14	2.5	20	16.1	2.9	10.2	
Blue Seal Turkey Grower Pellets	20	4.5	4	21.8	5.5	3.2	
Blue Seal Turkey Grower Pellets	20	4.5	4	21.9	5.4	2.9	
Hartz Mountain Corp.							
Chicken Flavor High Protein Chews for Dogs	52	10	3	53.8	11.8	0.2	
Fish Flavor High Protein Chews for Cats	52	10	3	54.6	12.8	0.2	
Hartz Dog Kisses Chocolate Flavored Treat	13	33	2	14.4	35.6	0.7	
Hartz Goldfish Food	32	4	7	34.8	6.6	3.0	
Hartz Hamster/Guinea Pig Vit & Min Pellets	16	2	10	19.0	3.7	8.1	
Hartz Parakeet Budgie & Finch Treat	12	4	7	14.7	5.2	2.7	
Hartz Yummies	21	4	6	27.3	6.1	3.5	
Jerky Dog Snacks Beef Flavor	33	15	3	35.9	12.3-	1.4	

Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %				Nutrients Found, %			Ash
	Protein	Fat	Fiber					
<b>Hills Pet Products</b>								
Canine Growth Dry Dog Food	26	17	4	8.5	29.8	17.9	3.8	7.7
Canine Growth Dry Dog Food for Puppies	26	17	4	8.5	27.4	20.2	2.7	6.3
Canine Growth for Puppies	26	17	4	8.5	28.1	20.7	2.9	7.2
Canine Maintenance Dog Food	22	13	4.3	5.5	23.3	16.7	3.8	4.5
Canine Maintenance Dog Food for Adult Dogs	22	13	4.3	5.5	24.9	17.6	3.3	4.8
Canine Maintenance Dry Dog Food	22	13	4.3	5.5	22.4	15.2	3.3	4.4
Canine Maintenance Dry Dog Food for Adult Dogs	22	13	4.3	5.5	25.4	16.0	2.9	4.6
Canine Performance Dry Dog Food	30	23	5	8.5	32.5	25.3	2.7	6.3
Canine Senior Dry Dog Food for Older Dogs	16	8	4.5	5	17.6	10.4	3.0	3.3
Feline Growth Cat Food/Kittens & Pregnant Cats	33	24	2	6.5	36.4	25.1	1.3	5.7
Feline Maintenance Cat Food Form for Adult Cats	30	20	2	5	31.9	24.6	1.9	4.2
<b>Joy's Import &amp; Export</b>								
Freeze-Dried Season Mosquito Larvae	55	13	7		59.0	20.7	4.4	
<b>K &amp; L Feed Mill</b>								
K & L 16% Dairy Ration Pellets	16	3	8		16.0	4.0	5.3	
K & L 16% Layer Mash	16	3	4		17.2	3.5	2.7	
K & L 16% Dairy Ration Pelleted Hi-Energy	16	3	8		18.9	3.2	2.3	
K & L 16% Dairy Ration Pelleted Hi-Energy	16	3	8		18.9	3.3	4.8	
K & L 16% Layer Mash	16	3	4		16.6	3.8	3.1	
K & L 16% Layer Pellets	16	3	4		16.4	2.5-	2.6	
K & L Layer Pellets	16	3	4		16.2	3.1	3.3	
K & L Pig Grower Pellets	16	3	5		16.2	6.1	2.0	
K & L Pig Grower Pellets	16	3	3		13.4-	3.7	2.4	
K & L Sow Feed Pellets	12	3	5		12.7	2.7	2.7	
K & L Sow Gestate Feed Pellets	12	3	3		13.1	4.3	2.9	
<b>K9 Food Service, Inc.</b>								
K9 Chopped Beef Dog Food	12	7	1.5	3	13.9	7.3	0.6	2.4
<b>Kal Kan Foods, Inc.</b>								
Kal Kan Beef with Egg/Bacon/Cheese Dinner/Dogs	10	6	1.5		13.1	9.2	1.1	
Kal Kan Bits 'O Beef for Cats	10	6	1.5	3	10.6	8.3	0.4	2.9
Kal Kan Chunky Chicken Dinner for All Stages	9	6	1.5		10.8	6.3	0.4	
Kal Kan Chunky Meat Stew for Dogs	9	6	1.5		10.3	11.2	0.9	
Kal Kan Country Chicken Dinner for Cats	10	6	1.5	3	10.6	10.4	0.3	1.8
Kal Kan Kitty Stew for Cats	10	6	1.5	3	10.1	8.9	0.3	2.3
Kal Kan Mealtime for Finicky Eaters/Cats	11	5	1.5	3	13.5	8.3	0.3	2.7
Kal Kan Moist and Tender Bites for Cats	10	5	1.5	3	12.1	7.1	0.5	2.2
Kal Kan Salmon Supreme for Cats	10	6	1.5	3	12.4	7.9	0.4	2.6
Kal Kan Simmered Supper	10	6	1.5	3	10.2	7.8	0.4	2.7
Kal Kan Tuna 'N Chicken Platter for Cats	10	6	1.5	3	11.6	7.8	0.6	2.8
<b>L. M. Newfields Co., Inc.</b>								
Horse Treats	9	2	2		15.1	2.6	0.9	
<b>L/M Animal Farms</b>								
L/M Large Hookbill Food	17	12	8		18.9	11.5	3.3	
L/M Rabbit Pellets	17	3	14		19.6	4.5	4.2	
L/M Square Meal for Gerbils, Mice, Hamsters	24	4	4.5		24.6	5.3	3.6	
<b>Laddie Boy Pet Foods</b>								
Goff Beef & Liver Low Ash Cat Food	10	5	1	1.2	13.5	7.9	0.7	1.3
Laddie Boy Natural Liver Treats for Dogs	70	3	2		89.1	3.6	0.5	
<b>Martin Feed Mills Limited</b>								
Martin's 84 G Grower Pellets for Salmonids	40	10	3		41.4	18.2	2.9	
Martin's 84 G Grower Pellets for Salmonids	40	10	3		44.9	13.3	2.7	
Starter Feed for Salmonids	48	14	2.5		46.1-	17.1	1.5	
Starter Pellets for Salmonids	40	10	3		43.2	15.3	2.5	



Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %			Nutrients Found, %			Ash	
	Protein	Fat	Fiber					
Moyer & Son, Inc.								
Moyer's 21% Broiler Starter/Grower	21	5.4	4	21.0	6.2	2.5		
Moyer's Handlers Economy	10.5	3	3.5	12.1	3.7	2.0		
Moyer's Laying Pellets	20	2	5	20.4	3.9	3.0		
Moyer's Philadelphia Special	14	2.5	5	14.4	3.5	2.9		
Moyer's Rooster Booster Pellets	28	3	7	29.3	3.4	2.7		
Purgrain Breeding Feed (with flint corn)	12.5	2.5	5	15.2	2.7	2.6		
Purgrain Gamebird Cond Feed (with flint corn)	14	2.5	5	15.3	3.7	4.7		
Purgrain Pigeonetts	14	3	5	14.9	4.5	3.5		
Purgrain Racing Feed	17	1.5	5	17.9	2.7	3.4		
Purgrain Racing Feed (no corn)	22	7.5	5	23.1	2.2-	4.4		
Murray Elevator								
Silver Cup #1 Fish Food	52	14	3	58.0	15.6	1.0		
Silver Cup #3 Fish Food	48	11	3	50.5	13.4	1.1		
Silver Cup #3 Fish Food	48	11	3	15	48.4	12.6	1.0	7.1
Silver Cup #4 Fish Food	48	8	7	49.9	12.5	1.1		
Silver Cup #4 Fish Food	48	11	3	15	48.1	12.0	1.2	7.5
Silver Cup 1/8" Fish Food	38	10	4	15	43.2	10.1	2.6	8.8
Silver Cup 1/8" Fish Food	38	10	4	15	38.2	10.3	2.3	8.1
Silver Cup 3/16" Fish Food	38	10	4	15	45.9	13.5	2.5	8.7
Silver Cup 3/16" Fish Food	35	10	4	15	45.9	12.8	2.3	7.5
Silver Cup 5/32" Fish Food	38	10	4	15	43.8	13.0	1.9	9.0
Silver Cup 5/32" Fish Food	38	10	4	15	42.2	15.1	2.6	8.6
Silver Cup Fish Food - Brood	45	8	4	15	47.4	9.8	1.3	10.6
Silver Cup Fish Food - Brood	45	8	4	15	51.8	11.5	1.8	9.8
Silver Cup Fish Food - Salmon No. 1	52	14	3	15	55.4	17.0	0.6	10.3
Silver Cup Fish Food - Salmon No. 2	52	14	3	15	54.6	18.2	0.8	10.0
Silver Cup Fish Food - Salmon No. 3	48	11	3	15	51.8	13.2	0.9	8.2
Silver Cup Fish Food - Salmon No. 4	48	11	3	15	50.8	13.9	0.9	8.1
Silver Cup Fish Food - Salmon Starter	52	14	3	15	54.3	15.7	0.8	11.4
Silver Cup Fish Food - Trout 3/16"	38	10	4	12	44.5	10.6	2.4	7.0
Silver Cup Fish Food - Trout 3/32"	38	10	4	15	47.3	14.4	0.8	10.1
Nabisco Brands								
Milk-Bone Flavor Snacks	20	6	4	8.5	20.4	6.6	1.5	4.6
Old Mother Hubbard Dog Food Co., Inc.								
All Natural Kibbled Biscuits Dog Food	26	8	4		30.3	9.5	1.5	
Kibbled Biscuits Dog Food	24	7	3		25.6	7.4	1.5	
Old Mother Hubbard Dog Bone Biscuits	24	7	3		27.1	8.7	1.4	
Old Mother Hubbard Gourmet Beef & Chicken/Cats	10	5	1	1.5	14.3	10.5	0.8	1.2
Old Mother Hubbard Oven Baked Dog Bones	24	7	3		25.0	10.2	2.3	
Old Mother Hubbard/Dogs/Beef Chnks/Beef By Prod	13	7	1.5		13.3	13.4	0.8	
Perk Foods Co., Inc.								
Vets Beef Flavor	8	2	2	4	8.6	3.4	1.6	2.6
Perky-Pet Products/Animal Food Div.								
Perky Pet Instant Nectar for Hummingbirds	.01	.01	0.1		0.5	0.6	0.3+	
Quaker Oats Co.								
Ken-L Ration Liver Flavor/Sausages/Dogs	20	8	1.5		20.9	9.8	0.7	
Ken-L-Ration Liver Flavor	9	2	1.5	4	9.9	3.3	1.6	1.9
Ken-L-Ration Prime Platter	9	2	1.5	4	9.6	2.5	2.0+	2.4
Ken-L-Ration Prime Platter	10	2	1.5	4	12.6	4.1	0.9	2.4
Puss 'n Boots for Kittens & Cats Fish Dinner	8.5	2	1.5	4	9.2	3.0	1.2	3.6
Puss 'n Boots Pounce Treats for Cats	20	8	1.5		21.1	9.3	0.4	
Ralston Purina Co.								
Purina Dealers Pride	21	7	6		22.8	8.5	3.8	
Purina Dealers Pride	21	7	6		22.2	11.0	6.2	

Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %			Nutrients Found, %			Ash
	Protein	Fat	Fiber				
Purina Dog Chow	21	8	4.5	24.3	10.6	3.0	
Purina Field 'N Farm	24	8	6	25.6	10.2	4.0	
Purina Game Bird Breeder Layena	20	2.5	7	21.1	2.6	4.6	
Purina Game Bird Maintenance Chow	12.5	2.5	10	14.8	4.2	4.7	
Purina Guinea Pig Chow #5025	18	4	16	20.8	4.8	10.8	8.4
Purina Happy Cat	24	8.5	3.5	28.7	10.7	1.0	
Purina Hi-O Pig Starter Chow	18	5	5	21.8	8.7	3.5	
Purina Hi-Pro Dog Food	27	9	5	28.5	11.4	3.8	
Purina Hi-Pro Dog Food	26	10	4	29.1	11.4	2.0	
Purina High Octane Fast Start Pig Starter Chow	18	7	5	20.2	9.1	3.7	
Purina High Octane Lactation Chow	14	4	4.5	17.5	6.2	3.3	
Purina Hog Grower Chow	16	2.5	5	17.4	4.9	3.4	
Purina Horse Chow 100	10	2	30	13.3	3.2	25.8	
Purina Horse Chow 200	14	2	25	16.1	3.0	21.2	
Purina 100 Cat Food Tuna Dinner	16	2	1	21.7	6.7	0.3	
Purina 100 Chicken Dinner for Cats	12	2	1	14.6	8.3	0.3	
Purina 100 Country Dinner for Cats	13	2	1	15.3	8.5	0.3	
Purina 100 Hearty Stew Cat Food	12	3	1	14.2	7.1	0.8	
Purina 100 Mackerel for Cats	15	2	1	17.9	4.4	0.1	
Purina 100 Tuna & Chicken Dinner Cat Food	12	2	1	14.5	5.7	0.4	
Purina 100 Tuna & Egg for Cats	15	2	1	20.0	4.5	0.2	
Purina 100 Turkey & Giblets Dinner	12	4	1	13.6	6.7	0.5	
Purina Layena	16	2.5	7	18.6	3.9	4.6	
Purina Meat Builder	20	3	5	23.9	5.0	3.9	
Purina Nurse Chow #200 Medicated Milk Replacer	22	12	0.5 10.5	20.7-	10.6	0.1	10.0
Purina Pick-A-Pouch Beef Flavor Tender Vittles	24	8.5	3.5	27.5	13.3	0.8	
Purina Pick-A-Pouch Gourmet Dinner Tender Vittles	24	8.5	3.5	27.5	9.7	1.0	
Purina Pick-A-Pouch Seafood Flavor Tender Vittles	24	8.5	3.5	26.1	9.5	1.1	
Purina Pick-A-Pouch Tuna Flavor Tender Vittles	24	8.5	3.5	27.1	9.6	0.9	
Purina Pork Finisher	12	2.5	7	12.1	4.7	4.7	
Purina Premium Summer Blend Wildbird Food	10	3	7 2.5	15.3	12.5	7.0	2.3
Purina Pro 11 Breeder for Pigeons	11	2	3 2	13.8	4.2	3.0	2.3+
Purina Puppy Chow	27	9	5	27.9	13.0	3.1	
Purina Puppy Chow	27	9	5	29.5	11.6	3.2	
Purina Pure Pride 100	10	3	12	14.6	3.5	10.7	
Purina Pure Pride 300	16	3	8	17.2	3.0	6.9	
Purina Rabbit Chow Complete Blend	14	2	20 10	17.8	3.0	18.5	7.1
Purina Rabbit Chow Complete Blend	14	2	20 10	17.1	4.4	13.4	2.6
Purina Rabbit Chow Performance Blend	17	2	18 8	18.6	3.2	10.6	8.0
Purina Rodent Laboratory Chow	23	4.5	6 8	25.6	5.0	4.6	7.2
Purina Scratch Grains	8	1.5	4.5	10.0	3.8	1.9	
Purina Start & Grow	17	3	5	21.0	4.7	3.5	
Purina Sunflower Seed	16	35	30	21.9	33.6	13.5	
Purina Tender Vittles	24	8.5	3.5	28.7	9.3	0.7	
Purina Tender Vittles Beef Flavor	24	8.5	7.5	25.8	9.6	0.7	
Purina Trout Chow	40	10	5 10.5	40.1	12.8	1.8	9.9
Purina Wild Bird Chow	10	3	7 2.5	10.4	4.4	1.2	9.6+
Purina Wild Bird Chow	10	3	7 2.5	10.4	5.5	6.8	2.8
Redi Industries Corp.							
Cat Treats 100% Pure Fish	60	4	3	63.9	3.9	0.2	
Cat Treats 100% Pure Liver	60	9	3	66.3	12	0.1	
Redi Cat Treats	60	9	3	61.0	10.4	0.2	
Robert Abady Dog Food Co.							
Abady Natural - Wholesome Dog Snacks	23	5	2 10.5	23.4	6.3	2.3	7.9
Sinco, Inc.							
Paddy Cat All Tuna for Cats	20	2	1 2	23.8	2.4	0.2	1.2

Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %				Nutrients Found, %			Ash
					Protein	Fat	Fiber	
Star-Kist Foods, Inc.								
9 Lives Beef & Egg Dinner	10	3.5	1	2	17.1	4.1	0.5	1.4
9 Lives Beef & Egg Dinner for Cats	10	3.5	1	2	13.4	4.7	0.3	1.4
9 Lives Beef & Liver Platter for Cats	11	3	1	3	14.3	3.8	0.3	2.4
9 Lives Kidney for Cats	10	2	1	2	14.0	2.5	0.7	2.1
9 Lives Liver for Cats	11	2	1	2	13.1	4.8	0.5	1.7
9 Lives Ranch Supper	11	3	1	2.5	14.9	2.6	0.4	2.0
9 Lives Seafood Platter for Cats	14	3	1	4	15.2	10.8	0.1	2.8
9 Lives Super Supper Cat Food	12	6	1	4	14.6	12.5	0.4	3.1
9 Lives Tuna & Cheese for Cats	15.5	2	1	3	20.9	1.2-	0.4	1.8
9 Lives Tuna & Egg In Sauce Cat Food	14.5	2	1	3	18.1	4.7	0.4	1.4
9 Lives Tuna & Liver for Cats	16	2	0.5	3	19.8	3.2	0.3	1.5
9 Lives Tuna and Chicken for Cats	14	5	1	3	16.8	14.8	0.3	1.7
9 Lives Tuna In Sauce Cat Food	18	2	1	4	20.5	2.5	0.4	1.8
9 Lives Western Menu	11	4	1	3.5	14.3	4.2	0.7	2.6
9-Lives Real Tuna & Egg Flavors	31.5	7	4.5		31.6	8.3	2.6	
Amore Cat Food Seafood Supreme	17.5	3.5	1	3	22.4	12.7	0.5	2.2
Jerky Treats Beef Flavor	33	20	3		46.1	22.2	1.1	
Strongheart Products, Inc.								
Strongheart Dog Food Beef Flavor	8	1.5	2		9.4	3.9	1.7	
Sunfresh, Inc.								
Generic Dog Food Chicken Flavor	8	1.5	1.5		10.7	3.3	1.7	
Generic Soft Moist Cat Dinner Tuna Flavor	21	8.5	3.5		28.1	11.9	1.0	
Superior Pet Products								
Wagtime Beefy Basted Waffles	18	5	3		23.1	7.3	0.7	
Supermarkets General Corp.								
No Frills Chicken Parts Dinner for Cats	10	5	1.5	4	10.1	13.7	0.6	2.8
No Frills Gourmet Flavor Moist Cat Food	24	8.5	3.5		25.0	10.6	0.7	
No Frills Meat Flavor Dog Food	6	1.25	2		6.0	2.9	1.0	
No Frills Parakeet Budgie Seed	10	4	10		12.8	5.2	5.7	
Pathmark Premium Dog Food Beef	11	8	1.5		12.9	9.4	0.4	
Pathmark Tuna for Cats	19	2	1	2	19.0	1.3-	0.4	1.8
Sweet Life Products Corp.								
Sweet Life Dog Food Ration	9	2	1		12.2	3.3	0.8	
Tetra Sales								
Tetra Brine Shrimp Treat Food	48	6	9		48.6	6.8	1.1	
Tetra Conditioning Food	38	3	9		59.8	4.4	1.3	
Tetra Werke								
Tetra Fin Staple Food for All Goldfish	32	3	5		43.6	7.1	2.4	
Tetra Min Staple Food for All Tropical Fish	45	5	7		51.5	6.0	2.2	
Tetra Min Staple Food for All Tropical Fish	45	5	7		50.2	7.5	2.0	
The IAMS Co.								
Eukanuba Dog Food	30	20	3	9	31.0	22.3	2.2	7.8
Eukanuba Dog Food	30	20	3	9	31.5	21.6	2.0	7.7
Eukanuba Dog Food	30	20	3	9	32.2	20.3	2.6	7.7
Eukanuba Dog Food	30	20	3	9	33.0	23.0	2.3	7.0
Eukanuba Dog Food	30	20	3	9	30.4	22.1	2.5	7.9
Eukanuba Dog Food	30	20	3	9	31.1	21.4	2.5	7.4
Eukanuba Dog Food 300	30	20	3	9	34.4	21.1	2.9	7.2
IAMS Cat Food	32	21	3	6.5	35.8	22.8	1.8	6.5
IAMS Cat Food	32	21	3	6.5	32.4	22.7	1.5	5.9
IAMS Cat Food	32	21	3	6.5	36.8	22.4	1.6	6.2
IAMS Chunks	25	15	3.5	10	25.8	17.5	2.3	8.3
IAMS Chunks Dog Food	25	15	3.5	10	28.2	17.4	2.9	8.9

Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %				Nutrients Found, %			Ash
	Protein	Fat	Fiber					
IAMS Minichunks Dog Food	25	15	3.5	10	28.2	15.2	1.9	9.0
IAMS Minichunks Dog Food	25	15	3.5	10	28.8	16.3	2.4	10.2
IAMS Minichunks Dog Food	25	15	3.5	10	28.4	16.1	2.5	8.9
IAMS Puppy Food	28	17	3.5	10	30.0	17.7	2.0	7.5
IAMS Puppy Food	28	17	3.5	10	30.6	17.2	2.2	7.9
IAMS Puppy Food	28	17	3.5	10	30.4	18.2	2.5	7.0
IAMS Puppy Food	28	17	3.5	10	31.1	18.3	2.7	7.1
IAMS Puppy Food	28	17	3.5	10	28.9	18.0	2.1	7.3
IAMS Puppy Love	28	17	3.5	10	30.9	17.6	2.2	7.7
Topco Associates, Inc.								
Generic Dog Biscuits	20	6	4.5		24.1	7.3	1.7	
Generic Ration Dog Food Meat Flavor	6	1.5	3.5		11.0	0.3-	1.1	
Generic Tuna Flavor Cat Food	21	8.5	3.5		27.9	9.9	0.8	
Topco Chopped Beef Dinner for Dogs	10	6	1.5		13.7	9.0	1.2	
Topco Tuna & Meat Dinner Cat Food	12	5	1	3	13.8	9.8	0.5	2.5
Triumph Pet Industries								
Triumph Beef Chunks Dog Food	11	5	1.5	3.5	14.6	4.5	0.8	2.8
Triumph Hi-Tor All Natural Dog Food	25	10	3		25.1	13.5	2.9	
Triumph Hi-Tor Beef for Dogs	11	7	1	2	12.6	12.0	0.4	1.3
Triumph Horse Meat Dog Food	12	5	1	1	13.0	6.3	1.0	2.1+
Triumph Liver Dog Food	12	5	1		12.1	4.5	0.8	
Triumph Low Ash Beef	11	6	1	1	11.0	8.8	0.4	1.2+
Triumph Low Ash Beef 'n Kidney for Cats	6	6	1	1	10.7	6.8	0.4	1.4+
Triumph Low Ash Beef 'n Liver for Cats	11	6	1	1	11.1	8.5	0.6	1.2+
Triumph Low Ash Beef 'n Cheese for Cats	11	6	1	1	11.4	10.9	0.6	1.3+
Triumph Low Ash Beef 'n Heart for Cats	10	6	1	1	10.2	7.8	0.8	1.0
Triumph Low Ash Beef Stew for Cats	10	6	1	1	12.6	7.1	0.6	1.0
Triumph Low Ash Liver for Cats	11	6	1	1	14.2	7.7	0.4	1.1
United Cooperative Farmers, Inc.								
UCF 16 Profitmaker	16	3.5	8.5		17.7	4.7	9.2	
UCF 16 Profitmaker	16	3.5	8.5		17.3	4.6	7.4	
UCF AM Grower	15	3.5	5.5		17.9	4.3	4.2	
UCF Complete Layer	15	3	4.5		14.3-	4.4	3.6	
UCF Complete Layer Mash	15	3	5		15.7	3.3	5.5	
UCF Complete Layer Pellets	15	3	5		15.3	3.3	4.2	
UCF Complete Layer Pellets	15	3	4.5		15.8	5.2	5.0	
UCF Dog Bones	24	7	3		26.5	7.6	0.9	
UCF Hay Extender	10	1.5	16		12.4	4.4	13.1	
UCF Hog Grower	15	3	7		16.8	4.4	4.7	
UCF Hog Grower	15	3	7		15.3	4.8	4.4	
UCF Rabbit Pellets	17	3	17		19.3	3.8	12.3	
UCF Rabbit Pellets	17	3	17		18.8	4.3	15.8	
UCF Scratch Feed	9	2.5	7		8.5-	5.6	3.2	
UCF Scratch Feed	9	2.5	7		9.1	5.4	2.6	
UCF Turkey Grower	20	3	5.5		20.8	5.0	3.0	
UCF Turkey Grower Medicated	20	3	5.5		21.1	4.2	3.7	
Veterinary Nutritional Assoc.								
Cornucopia Super-Stress	31	17	3		33.6	13.2-	2.5	
Cornucopia Super-Life	25	10	4		27.4	10.2	2.6	
Vo-Toys, Inc.								
Choco-Bone	14	3	3		16.0	3.5	3.8+	
Choco-Bone	14	3	3	4	16.7	6.7	3.5+	3.9
Wardley Products Co., Inc.								
Wardley's Turtle Food	25	4	10	26	12.4-	2.4-	4.7	73.8+

Table 1. Analysis of Individual Samples (continued)

Manufacturer and brand	Guarantee, %			Nutrients Found, %			Ash
				Protein	Fat	Fiber	
Zeigler Bros., Inc.							
Zeigler High Performance Trout Grower 1/8"	45	12	3	51.3	14.0	0.8	
Zeigler High Performance Trout Grower 3/16"	45	12	3	52.8	13.0	2.0	
Zeigler Salmon Starter #1	50	15	2	51.9	16.5	0.3	
Zeigler Salmon Starter #2	50	15	2	52.3	18.1	0.2	
Zeigler Salmon Starter #2	50	15	2	56.0	18.9	0.6	
Zeigler Salmon Starter #3	50	15	2	54.1	16.1	0.3	
Zeigler Salmon Starter #3	50	15	2	51.9	17.7	0.4	
Zeigler Salmon Starter #4	50	15	2	50.1	17.0	0.3	
Zeigler Trout Fingerling #4	43	10	3	47.3	13.6	1.2	
Zeigler Trout Grower Hi-Fat 5/32"	38	12	4	40.8	13.6	2.0	

**Table 2. Summary for Each Manufacturer of Number of Samples Tested, Number of Guarantees for Ash Content, Percentage of Claims for Each Nutrient Not Meeting Guarantee, and Average Percentage of Guarantees for Each Nutrient.**

Manufacturer or dealer	No. of samples	No. of guarantees for ash	% Not meeting guarantees				Average % of guarantee			
			protein	fat	fiber	ash	protein	fat	fiber	ash
8 In 1 Pet Products	7	0	14	0	0	-	111	133	52	-
A.H. Robbins	2	0	0	0	0	-	117	182	79	-
Agway	61	0	7	0	0	-	107	159	63	-
Alpo Petfoods	15	5	0	13	0	0	120	121	56	61
Bay-Mor Pet Feeds	1	0	0	0	0	-	101	233	93	-
Beatrice Grocery Products	23	18	0	0	0	0	108	115	69	82
Best Feeds & Farm Supplies	3	3	0	0	0	0	118	125	62	74
Bi-Agri	1	1	0	0	0	0	120	140	49	104
Big Bet Pet Foods	8	0	0	0	0	-	117	171	37	-
Binzo	2	0	0	100	0	-	104	68	3	-
Bloomfield Farmers Exch.	2	0	50	0	0	-	88	540	101	-
Bumble Bee Seafoods	1	1	0	0	0	0	129	205	70	53
C.H.B. Foods	1	1	0	0	0	0	108	143	53	57
Cadillac Pet Foods	7	7	43	0	14	0	104	173	81	65
Carnation	32	15	0	3	0	7	122	147	55	91
Champion Valley Farms	2	0	0	0	0	-	131	121	59	-
ConAgra	2	0	0	0	0	-	122	169	47	-
Continental Grain/Wayne	4	0	0	0	0	-	108	110	68	-
Cosmic Pet Products	1	0	0	0	0	-	106	101	73	-
Creature's Comforts	1	0	0	0	0	-	120	212	26	-
Davis Grande	3	0	0	0	33	-	109	173	82	-
Docktor Laboratories	3	2	33	0	33	0	94	195	49	103
Eagle Products	4	4	0	0	0	25	111	102	55	104
Evanger's Dog & Cat Food	6	1	0	17	0	0	115	137	48	73
First National Supermarkets	6	3	0	0	0	0	118	167	54	89
Gaines Foods	8	0	0	0	0	-	121	145	42	-
H.K. Webster	37	0	0	3	0	-	108	121	72	-
Hartz Mountain Corp.	8	0	0	13	0	-	114	134	40	-
Hills Pet Products	11	11	0	0	0	0	109	120	75	81
Joy's Import & Export	1	0	0	0	0	-	107	159	63	-
K & L Feed Mill	11	0	9	9	0	-	105	122	65	-
K9 Food Service	1	1	0	0	0	0	116	104	40	80
Kal Kan Foods	11	8	0	0	0	0	115	146	34	83
L. M. Newfields	1	0	0	0	0	-	168	130	45	-
L/M Animal Farms	3	0	0	0	0	-	110	126	50	-
Laddie Boy Pet Foods	2	1	0	0	0	0	131	139	48	108
Martin Feed Mills	4	0	25	0	0	-	105	148	83	-
Moyer & Son	10	0	0	10	0	-	107	130	65	-
Murray Elevator	20	17	0	0	0	0	110	124	40	60
Nabisco Brands	1	1	0	0	0	0	102	110	38	54
Old Mother Hubbard	6	1	0	0	0	0	114	149	57	80
Perk Foods	1	1	0	0	0	0	108	170	80	65
Perky-Pet Products	1	0	0	0	100	-	5000	6000	300	-
Quaker Oats	6	4	0	0	17	0	110	147	76	64
Ralston Purina	50	11	2	0	0	18	117	172	57	116
Redi Industries	3	0	0	0	0	-	106	116	6	-
Robert Abady Dog Food	1	1	0	0	0	0	102	126	115	75
Sinco	1	1	0	0	0	0	119	120	20	60
Star-Kist Foods	17	15	0	6	0	0	128	175	44	70
Strongheart Products	1	0	0	0	0	-	118	260	85	-
Sunfresh	2	0	0	0	0	-	134	180	74	-
Superior Pet Products	1	0	0	0	0	-	128	146	24	-
Supermarkets General	6	2	0	17	0	0	108	157	39	80
Sweet Life Products	1	0	0	0	0	-	136	165	80	-
Tetra Sales	2	0	0	0	0	-	129	130	13	-
Tetra Werke	3	0	0	0	0	-	121	169	36	-
The IAMS Co.	21	21	0	0	0	0	109	108	70	84
Topco Assoc.	5	1	0	20	0	0	138	121	44	83
Triumph Pet Indust.	12	10	0	0	0	50	116	131	63	118
United Coop. Farmers	17	0	12	0	0	-	107	156	75	-
Veterinary Nutrit. Assoc.	2	0	0	50	0	-	109	90	74	-
Vo-Toys	2	1	0	0	50	0	117	170	122	98
Wardley Products	1	1	100	100	0	100	50	60	47	284
Zeigler Bros.	10	0	0	0	0	-	108	117	29	-