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**Feed Products
and Pet Foods
Inspected — 1986**

BY LESTER HANKIN

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Chemical analysis of 463 official samples of feed products and pet foods collected during 1986 by inspectors of the Connecticut Department of Agriculture are presented in this Bulletin. One-hundred thirty-three are for farm animals. Although the 330 pet foods are mainly for cats and dogs, food for caged and wild birds and for fish is included.

Table 1 shows individual samples from 58 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 (except for two products with no guarantees) 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, fat, fiber, and ash is about three-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 1.3% were deficient in protein, 4.8% deficient in fat, 3.5% excessive in fiber, and 10.3% excessive in ash. In all, 10% of the samples examined were deficient in or contained an excess of a nutrient.

Analyses were by Helen Kocaba, Mamie Pyles, Mary Alice DeFrancesco, Jerry Smart, and Mary Withrow. Samples were collected by Marilyn Abt, John Chapman, Joseph Dippel, David Nisely, and Alton VanDyke under the direction of Kenneth Veit, Chief of the Marketing Division of the Department of Agriculture. Feed laws are administered by the Commissioner of the Connecticut Department of Agriculture.

Lester Hankin, Chief, Analytical Chemistry

TABLE 1—ANALYSIS OF INDIVIDUAL SAMPLES

Manufacturer and brand	Guarantee			Nutrients Found, %				
				Protein	Fat	Fiber	Ash	
Agway, Inc.								
Agway Country Chick Starter	18	3	4	18.6	4.0	2.5		
Agway Country Chicken Grower	14.5	3.5	4	15.7	3.2	3.3		
Agway Country Egg Layer	16	3	4	16.5	3.2	2.1		
Agway Country Game & Turkey Grower	21	3	4.5	21.7	3.5	2.5		
Agway Country Game & Turkey Grower	21	3	4.5	21.9	4.9	2.7		
Agway Hi Energy Lamb Pellets	16	3.5	9	16.9	4.5	4.4		
Agway 14% Hog Feed T-20	14	3	5	14.4	5.1	5.3		
Agway 16% Game & Pig Feed (T-40)	16	3	5	17.1	4.0	2.7		
Agway 16% Sow & Pig Feed	16	3	5	17.5	6.0	4.0		
Agway Performance	14	3	10	17.9	4.6	3.9		
Agway Pig Starter Pellets (MX-PT)	18	3.5	4.5	18.2	3.6	2.5		
Agway Pro: Right 3500-24	24	3	6.5	24.3	4.0	4.1		
Agway Ratio: Right 400-20	20	3	8.5	20.0	3.9	5.9		
Agway Ratio: Right 501-16	16	3	8.5	19.1	4.4	4.5		
Agway Ration Right 501-16	16	3	8.5	17.9	4.0	4.0		
Agway TCR I	15	2	23	17.4	4.0	7.4		
Agway TRC I Total Calf Ration	15	2	23	18.1	4.0	13.7		
Country Game & Turkey Feed	16	3	8	17.8	4.4	7.5		
Alpo Petfoods, Inc.								
Alpo Distinctive Dinners with Liver/Dogs	9	5	1.5	13.8	7.6	0.6		
Alpo Tabby Tuna Dinner/Cat	15	4	1	16.4	3.8	0.6		
Alpo Trio Chunks, Meat, Liver Dinner/Dogs	10	7	1	12.3	7.0	0.6		
Tabby Beef Dinner Prem Cat Food	11	6	1	13.4	7.6	2.7+		
Apples Aviary & Supply Co., Inc.								
Apples Parrot Diet	14	16.5	14.5	3.5	18.4	24.2	17.9+	3.2
Apples Small Hookbill and Budgie Diet	14	7	7.5	4.5	14.5	10.2	10.2+	6.3+
Finch Seed	14	6	7	4	18.1	8.0	11.3+	8.9+
Hamster/Gerbil diet	13.5	9	9.5		14.0	7.0-	8.4	
Best Feeds & Farm Supplies, Inc.								
Best Feeds Dog Food-Kibbled	21	6	5	10	24.5	6.8	2.3	6.5
Joy Dog Food Beef w/Beef By-prod	12	5	1.5		12.6	8.6	0.7	
Joy Dog Food Chunks	25	8	4	10	28.5	10.8	2.0	7.6
Joy Dog Food Liver & Meat By-prod	14	5	1.5		14.5	8.9	0.7	
Joy Dog Food Special Meal	26	10	4	10	29.9	10.2	2.3	7.5
Blue Ribbon Pet Products, Inc.								
Blue Ribbon Blood Worms for Fish	60	5	7	5	66.3	7.0	3.9	11.9+
Blue Ribbon Daphnia for Fish	50	1	5	10	64.8	7.9	4.8	12.2+
Blue Ribbon Freeze Dried Daphnia	60	9	5	8	64.9	6.1-	6.7+	12.0+

TABLE 1--Continued

Manufacturer and brand	Guarantee				Nutrients Found, %			
	Protein	Fat	Fiber	Ash	Protein	Fat	Fiber	Ash
Blue Ribbon Freeze Dried Mosquito Larvae	45	15	7	6	58.5	20.6	7.2	9.5+
Blue Ribbon Tubifex Worms for Fish	45	1	2	6	60.1	11.7	0.5	16.4+
Mosquito Larvae for Fish	45	15	7	6	56.9	21.3	6.7	9.4+
Shrimp for Fish	60	4	4	14	60.1	9.1	2.6	16.2+
Borden, Inc.								
Borden Liquid Esbilac	4.5	6		1	4.8	8.2		0.7
Borden Liquid KMR/Cats	7.5	4.5	0	1.5	7.8	6.0	0	1.4
C.H.B. Foods, Inc.								
Skippy Premium 3 in 1 Dinner for Dogs	9	3	1.5		9.4	4.3	1.3	
Skippy Premium Chunky Beef Dinner for Dogs	9	3	1.5		9.4	3.7	0.7	
Skippy Premium Chunky Stew for Dogs	8	3	1.5		10.1	3.5	1.0	
Cadillac Pet Foods, Inc.								
Cadillac 5 in 1 for Dogs	10	6	1.5		10.9	4.9-	0.8	
Cadillac Chicken Dinner for Dogs	9	8	1.5	3.5	10.1	15.3	0.7	3.3
Cadillac Chunky Beef Dinner for Dogs	11	6	1.5	3	12.3	11.2	0.8	1.9
Cargill, Inc./Nutrena Feed Div.								
Nutrena Complete Rabbit Pellets	18	2.5	15		18.7	4.5	12.9	
Nutrena Complete Rabbit Pellets	18	2.5	15		19.9	3.9	12.8	
Nutrena Turkey Grower	22	3	6		24.4	5.0	4.9	
Nutrena Vitality Horse Kwik Pellets	12.5	2	20		13.5	4.0	14.6	
Carnation Co.								
Carnation Fancy Feast Beef & Chicken Feast Cat Food	13	7.5	1	2.2	13.9	10.0	0.5	2.2
Carnation Fancy Feast Beef & Liver Feast Cat Food	14	4.5	1	2.3	16.7	7.9	0.5	1.8
Carnation Fancy Feast Fancy Seafood Feast Cat Food	13	3.5	1	3.2	17.0	4.8	0.4	3.5
Carnation Guinea Pig Pellets	20	2.5	9.5		14.6-	8.9	9.3	
Fancy Feast Beef & Chicken Feast Gourmet Cat Food	13	6.5	1	2.8	14.8	9.7	0.6	2.6
Fancy Feast Beef & Chicken Feast Gourmet Cat Food	12.5	6.5	1	2.8	14.8	9.3	0.9	2.5
Fancy Feast Beef & Liver Feast Gourmet Cat Food	14	4.5	1	2.3	17.8	5.9	0.6	2.2
Fancy Feast Chopped Grill Feast Cat Food	12	7.5	1	2.6	15.3	7.1	0.8	2.4
Fancy Feast Chopped Grill Feast Gourmet Cat Food	11.5	6	1	2.7	11.9	7.0	0.7	2.8
Fancy Feast Chopped Grill Feast Gourmet Cat Food	11.5	6	1	2.7	14.1	12.2	0.5	2.6
Fancy Feast Country Beef Feast Cat Food	12	5	1	3.2	14.3	7.5	0.5	3.0
Fancy Feast Country Beef Feast Gourmet Cat Food	12	5	1	3.2	17.4	5.8	0.4	3.6
Fancy Feast Country Beef Feast Gourmet Cat Food	12	5	1	3.2	15.9	7.3	0.6	2.8
Fancy Feast Country Chicken Feast Cat Food	12	5	1	3.2	14.9	8.8	0.5	3.1
Fancy Feast Fancy Seafood Feast Gourmet Cat Food	14	3	1	3.5	17.9	5.0	0.4	3.5
Fancy Feast Ocean Whitefish & Tuna Feast Cat Food	14	2	1	3	8.6	5.8	0.5	3.8+
Fancy Feast Savory Salmon Feast Cat Food	13	5	1	2.6	17.4	5.4	0.4	2.5

TABLE 1—Continued

Manufacturer and brand	Guarantee				Nutrients Found, %			
					Protein	Fat	Fiber	Ash
Fancy Feast Tender Liver and Chicken Cat Food	15	5	1	2.5	18.1	6.9	0.3	2.1
Fancy Feast Turkey & Giblets Feast Cat Food	13	4.5	1	2.9	13.4	9.9	0.2	2.9
Fancy Feast Turkey & Giblets Feast Gourmet Cat Food	13	6.5	1	2.9	17.1	8.4	0.4	2.6
Friskies Buffet Chicken & Kidney Dinner for Cats	10	9	1	3	13.9	9.4	0.6	1.4
Friskies Buffet Country Style for Cats	10	6	1	2.5	13.3	6.8	0.3	2.1
Friskies Buffet Turkey & Bacon Dinner for Cats	10	5.5	0.5	3.5	13.2	6.8	0.2	2.2
Friskies Buffet Turkey & Giblets for Cats	11	7	1	3.5	12.9	11.9	0.2	1.9
Kal Kan Minced Turkey & Bacon Dinner for Dogs	9	6	1.5		9.7	7.5	0.3	
Mighty Dog Beef & Cheese for Dogs	10	6.5	1		13.8	11.3	0.4	
Mighty Dog Beef & Liver for Dogs	10	5.5	1		13.9	13.0	0.4	
Mighty Dog Beef for Dogs	11	6	1		12.4	12.4	0.4	
Mighty Dog Beef for Dogs	11	6	1		13.3	6.8	0.4	
Mighty Dog Chicken & Liver for Dogs	10	8	1		12.3	14.9	0.4	
Mighty Dog Chicken Egg & Bacon for Dogs	10	8	1		11.4	16.6	0.2	
Mighty Dog Turkey & Giblets for Dogs	10	8.5	1		10.8	13.5	0.3	
Central CT Co-op Farmers Association, Inc.								
20% Dairy Bonanza Pellets	20	3	8.5		24.2	4.2	6.2	
20% Dairy Treat Pellets	20	3.0	8.5		21.8	5.0	6.2	
20% Dairy Treat Pellets	20	3	8.5		21.1	3.8	6.1	
20% Dairy Treat Pellets	20	3	8.5		20.1	4.4	6.4	
20% Dairy Treat Pellets with Bicarbonate	20	3	8.5		21.4	3.0	6.1	
20% Hi-Energy Pellets	20	3	8.5		22.8	4.2	6.3	
20% Hi-Energy with Bicarbonate	20	3.0	8.5		20.6	2.4	5.8	
20% Hi-Pro Pellets	20	3	8.5		22.4	5.0	4.5	
24% Dairy Treat Pellets	24	3	8.5		24.2	4.2	6.0	
24% Hi Pro with Bicarbonate	24	3	8.5		24.0	3.7	5.2	
24% Hi-Pro	24	3	8.5		25.1	3.2	5.3	
16% Dairy Treat Pellets	16	3	8.5		16.1	4.0	6.5	
16% Dairy Treat Pellets	16	3	8.5		16.6	4.6	6.5	
16% Dairy Treat Pellets	16	3	8.5		18.9	3.7	6.9	
16% Dairy Treat Pellets with Bicarbonate	16	3	8.5		17.5	3.1	7.6	
ConAgra, Inc.								
Geisler Bird Cakes	14	25	9		18.3	6.1	1.1	
Geisler Canary Hi Tone	13	12	17		16.3	12.3	5.5	
Geisler Canary Moulting Food	12	7	13		15.7	16.8	6.0	
Geisler Finch Treat	11	4	13		15.5	5.8	5.7	
Geisler Fun Bell	10	2.5	7		13.3	13.1	4.4	
Geisler Hamster Laboratory Diet	22	4	5		23.2	5.6	12.4	
Geisler Parakeet Birdie Pie	17	9	9		17.5	9.5	4.0	
Geisler Preet Nestling Food	11	3	6		15.2	5.2	3.5	

TABLE 1--Continued

Manufacturer and brand	Guarantee				Nutrients Found, %			
					Protein	Fat	Fiber	Ash
Continental Grain Co./Wayne Pet Food Div.								
Tail Wagger Beef Flavored Dog food	22	6	5		23.7	6.2	4.7	
Wayne Dog Food	25	8	4.5		28.6	8.4	3.9	
Wayne Dog Food	25	8	4.5		30.1	11.0	3.7	
Wayne Dog Food Bite Size	25	8	4.5		27.4	9.6	3.0	
Wayne Dog Food Chunk Size	25	8	4.5		26.1	10.9	2.3	
Wayne Gold Label Dog Food	30	20	3		33.5	21.2	1.8	
Wayne Gold Label Dog food	30	20	3		30.9	22.3	1.7	
Wayne Kit Kat Glow Cat Food Dry	30	10	3		35.6	11.2	2.4	
Wayne Kit Kat Glow Kitten Food Dry	30	10	3		33.9	10.2	2.3	
Wayne Puppy O's Puppy Food	28	9	5		28.7	13.8	3.5	
Eagle Products, Inc.								
Cat Pack 32/16	32	16	3	6.5	34.4	18.2	1.6	6.5
Kennel Pack 25/15	25	15	4	10	28.3	16.2	1.8	8.4
Maintenance Pack 20/12	20	12	4	6.5	23.2	14.7	2.5	8.7+
Stress Pack	30	20	4.5	10	32.8	19.4	2.3	7.1
8 in 1 Pet Products, Inc.								
8 in 1 Canary Color Food	10	3	7		15.9	5.0	3.6	
8 in 1 Canary Color Food	10	3	7		14.8	6.5	3.7	
8 in 1 Canary Condition Food	16	15	16		17.7	14.6	3.4	
8 in 1 Canary Fruit N Seed Treat	14	15	12		14.1	16.9	7.4	
8 in 1 Canary Moulting Food	15	10	10		15.6	12.0	5.7	
8 in 1 Canary Nestling Food	12	3	8		17.7	10.1	1.8	
8 in 1 Canary Song Food	18	22	16		19.6	18.3	4.3	
8 in 1 Canary Song Food	18	22	16		18.4	23.0	8.0	
8 in 1 Cockateil Condition Food	13	12	9		16.2	17.7	7.5	
8 in 1 Cockateil Condition Food	13	12	9		15.4	11.4	7.6	
8 in 1 Cockateil Fruit N Seed Treat	14	14	4		17.2	14.6	9.7+	
8 in 1 Cockateil Fruit N Seed Treat	14	14	4		19.8	17.7	6.2+	
8 in 1 Cockateil Grains & Greens	12	6	8		14.4	9.7	10.3+	
8 in 1 Dri Greens	8	1	11		9.8	1.8	8.3	
8 in 1 Egg Biscuit for Caged Birds	6.6	3.7	1.2		11.9	5.5	0.2	
8 in 1 Flydine	22	2	9		35.1	3.5	14.7+	
8 in 1 Hamster & Gerbil Cake	8	3	8		11.6	5.6	4.6	
8 in 1 Keet Condition Food	12	9	13		14.1	10.8	5.5	
8 in 1 Keet Woodland Mix	12	6	10		14.6	7.8	5.2	
8 in 1 Parakeet Fruit N Seed Treat	14	10	9		14.8	11.8	5.5	
Evanger's Dog & Cat Food Co.								
Evanger's All Natural 100% Beef for Dogs	13	5	1.5		14.4	11.6	1.0	
Evanger's Beef and Bacon for Dogs	12	5	1.5		14.6	7.7	0.5	

TABLE 1—Continued

Manufacturer and brand	Guarantee				Nutrients Found, %			
	Protein	Fat	Fiber	Ash	Protein	Fat	Fiber	Ash
Evanger's Beef Chunks for Dogs & Cats	11	5	1.5		11.0	4.6	0.4	
Evanger's Beef with Beef Products for Dogs	12	5	1.5		12.2	7.2	0.5	
Evanger's Beef with Liver for Dogs	12	6	1.5		13.3	4.9-	0.8	
Evanger's Beef, Chicken, Liver for Dogs	12	5	1.5		12.6	7.9	0.6	
Evanger's Chopped Turkey Dinner for Dogs	10	5	1.5		11.9	4.8	0.6	
Evanger's Cooked Chicken for Dogs	12	5	1.5		12.3	8.1	0.7	
Evanger's Liver and Meat By-prod for Dogs	12	5	1.5		13.3	8.0	0.6	
Evanger's Seashore Dinner Cat Food	11	3	1.5	2	11.4	5.9	0.5	2.9+
Evanger's Total Ration Dog Food	10	3	1.5	4	11.1	6.1	0.8	3.6
Far East Freeze & Drying Mfg. Co.								
Hikari Tubilina	58	12	2	12	53.9-	7.7-	1.6	8.2
Gaines Foods, Inc.								
Gaines Cycle 2 for Adult Dogs Beef Flavor	7	5	2		9.0	5.6	0.8	
Gaines Cycle 3 Beef Flavor for Dogs	7	2	5		9.7	2.9	1.7	
H. K. Webster Co., Inc.								
Blue Seal Broiler Crumbles - CB	21	6.5	3		22.4	7.0	2.5	
Blue Seal Bunny 16 Pellets	16	2.5	18		16.7	3.5	14.3	
Blue Seal Energizer 20 Dairy Pellets	20	3.2	5.5		21.2	4.5	3.2	
Blue Seal Fat and Finish Pellets	18	4.5	3.5		18.8	5.6	2.2	
Blue Seal Grower-Cal Mash	15	3	4		18.3	4.1	2.9	
Blue Seal Grower-Cal Pellets	15	3	4		17.8	4.3	3.4	
Blue Seal Hi-Pro 20 Pellets Rabbit	20	2.5	12		21.2	4.0	9.9	
Blue Seal Hi-Pro 20 Pellets Rabbit	20	2.5	12		20.8	4.3	10.8	
Blue Seal Hutch 18 Pellets	18	2.5	15		19.1	3.3	11.9	
Blue Seal Hutch 18 Pellets	18	2.5	15		20.6	4.2	12.6	
Blue Seal Hutch 18 Pellets	18	2.5	15		18.9	3.8	11.9	
Blue Seal Lamb Finisher Pellets	15	3.5	7		18.9	5.1	4.0	
Blue Seal Lamb Starter Grower Pellets	18	3.5	7		19.0	4.1	3.9	
Blue Seal Lamb Starter/Grower Pellets	18	3.5	7		21.1	4.6	3.7	
Blue Seal Lamb Starter/Grower Pellets	18	3.5	7		21.8	4.5	5.6	
Blue Seal Layer Mash	15	3	4		16.6	3.6	3.4	
Blue Seal Layer Pellets	15	3	4		16.3	4.5	2.3	
Blue Seal Layer Pellets	15	3	4		15.3	3.1	3.0	
Blue Seal Milk Maker Dairy Pellets	16	3	8.5		18.9	3.3	6.5	
Blue Seal Natural 26 Dog Food	26	10	4		26.9	11.0	3.0	
Blue Seal Pig & Sow Pellets	15	3.5	7		16.1	3.8	3.4	
Blue Seal Pig & Sow Pellets	15	3.5	7		13.1-	3.8	4.3	
Blue Seal Pig & Sow Pellets	15	3.5	7		17.3	4.6	4.2	
Blue Seal Pork Maker Mash	13	3.5	7		13.5	3.5	6.4	
Blue Seal Sing Along Wild Bird Feed	10	5.0	7.5		10.3	8.3	6.8	

TABLE 1--Continued

Manufacturer and brand	Guarantee				Nutrients Found, %			
					Protein	Fat	Fiber	Ash
Blue Seal Song Maker Wild Bird Food	11	8	10		13.9	17.2	10.2	
Blue Seal Strider Horse Feed Pellets	11	3	7		14.8	4.5	5.2	
Blue Seal Strider Horse Feed Pellets	11	3	7		12.7	7.0	7.9	
Blue Seal Trotter	14	2.5	20		20.3	3.8	8.6	
Happy Pet Products, Ltd.								
Binzo Bone Whole Meal for Dogs	18	3.7	4		18.8	4.0	3.3	
Binzo Bone Wholemeal Natural Treat for Dogs	18	3.70	4		18.4	4.3	5.5	
Happy Pet Nibble Hamster Sticks	2.77	5.18	16.1		11.4	4.1-	1.7	
Hartz Mountain Corp.								
Hartz Mountain Parakeet Budgie Seed Treat	14.5	7	6.5		14.2	9.3	5.7	
Hartz Parakeet Budgie & Finch Treat	12	4	7		13.0	5.8	4.5	
Hartz Parakeet Budgie Color Tone	15	8	8		16.7	11.0	5.5	
Hartz Parakeet Budgie Condition Food	23	9	7		22.6	11.5	4.1	
Hartz Parakeet Budgie Moulting Food	18	8	8		18.0	9.9	4.4	
Hartz Parakeet Budgie Oats N Groats	14	5	3.5		16.3	7.7	1.5	
Hartz Yum Yum Cat Treats	20	8	1.5		23.6	11.1	0.8	
Heinold Feeds, Inc.								
Heinold 38% Sheep Concentrate	38	1.5	8		38.4	2.5	6.1	
Heinold's 16% Sheep Pellets	16	4	5.75		16.9	3.6	7.4+	
Heinold's 17-17 Rabbit Pellets	17	2.5	17		22.4	2.7	16.9	
Heinold's Show Results Rabbit food	15	3	20		16.1	3.9	16.3	
Heinold 16% Sheep/Creep Pellets	16	4	5.75		22.7	4.4	7.4+	
Heinold 17% Egg All Mash	17	2.5	7.5		19.4	3.6	6.6	
Heinold's 40% Hog Supplement	40	2.5	7		40.1	2.6	6.0	
High Tech Feeds								
Spoon-Tech 40% Dairy Conc	40	2	7.5		45.1	2.2	6.9	
Hills Pet Products								
Science Diet Feline Maintenance Cat Food	30	20	2	5	31.1	20.3	0.5	3.6
International Multifoods								
Sportsman Hi Protein Dog Meal	26	10	4.5		29.5	11.1	3.2	
Jungle Laboratories Corp.								
Jungle Premium Red Plankton	5.85	1.82	0.17	0.9	6.9	9.1	0.9+	1.1
Kal Kan Foods, Inc.								
Kal Kan Bits O Beef Dinner/Cats	10	6	1.5	3	13.3	5.4	0.4	3.5
Kal Kan Hearty Feast/Dogs & Puppies	9	6	1.5		11.7	7.6	0.3	

TABLE 1—Continued

Manufacturer and brand	Guarantee				Nutrients Found, %				
					Protein	Fat	Fiber	Ash	
Kal Kan Hearty Feast/Dogs & Puppies	9	6	1.5		10.6	10.3	0.4		
Kal Kan Minced Beef Dinner/Dogs & Puppies	10	6	1.5		11.1	11.2	0.2		
Kal Kan Minced Beef Dinner/Dogs & Puppies	10	6	1.5		12.7	11.1	0.2		
Kal Kan Minced Chicken & Liver Dinner/Dogs & Puppies	9	6	1.5		10.6	10.1	0.3		
Kal Kan Minced Chicken & Liver Dinner/Dogs & Puppies	9	6	1.5		10.3	13.7	0.5		
Kal Kan Minced Turkey & Bacon Dinner/Dogs & Puppies	9	6	1.5		9.7	7.3	0.5		
Kal Kan Savory Whitefish Entree	10	6	15	3	14.6	8.8	0.7	2.6	
Kal Kan Tender Veal Platter/Cats	10	6	15	3	13.4	6.7	5.3	2.3	
Kyorin Food Industries									
Hikari Cichlid Baby Pellet Staple	30	4	5	10	35.7	5.1	2.4	7.8	
L/M Animal Farms									
Guinea Pig Treat	16	10	14		18.0	7.3	8.3		
L/M Canary Garden Salad	16	9	11		17.4	14.2	6.3		
L/M Finch Fruit Cocktail	12	6	11		16.2	11.8	7.4		
L/M Finch Treats	13	6	10		14.5	9.9	8.0		
L/M Keet Fruit Cocktail	13	4	11		15.9	10.9	6.7		
L/M Keet Moulting Food	13	10	16		14.6	10.1	5.7		
L/M Keet Treats	14	4	8		16.3	16.5	8.1		
L/M Parakeet Bits of Wilderness	13	7	18		15.5	12.5	7.8		
Laddie Boy Pet Foods									
Goff Beef & Liver Low Ash Cat Food	10	5	1	1.2	16.3	5.4	1.0	1.2	
Goff Beef & Liver Low Ash Cat Food	10	5	1	1.2	12.6	4.4	0.4	1.6	
Goff Beef Low Ash Cat Food	10	5	1	1.2	11.4	5.3	0.8	1.7	
Goff Gourmet Stew Low Ash Cat Food	10	5	1	1.2	15.3	5.1	0.7	1.2	
Goff Gourmet Stew Low Ash Cat Food	10	5	1	1.2	14.4	13.8	0.4	2.2+	
Laddie Boy Natural Cheese Treats for Dogs	70	3	2		93.6	3.2	0.1		
Lick Your Chops									
Lick Your Chops for Cats	30	12	4.5		34.3	12.7	2.6		
Lick Your Chops for Dogs	25	12	4.5		30.0	11.5	2.7		
Lick Your Chops for Kittens & Cats	12	7	1	1.3	13.6	9.3	0.5	0.3	
Lick Your Chops for Puppies & Adults	8	5	2	1.5	11.9	8.2	0.6	1.2	
Lick Your Chops for Senior Dogs	5	5	2	1.5	6.6	3.6	0.8	1.1	
Lick Your Chops Senior	20	9	7		23.4	11.7	2.5		
Mackey's, Inc.									
Mackey's Tweet Treat	10	3	9		10.3	6.5	3.6		
Manna Pro Corp.									
Manna Pro Double Duty Compl Rabbit Feed	16	2.5	20		16.5	3.5	19.6		

TABLE 1--Continued

Manufacturer and brand	Guarantee				Nutrients Found, %			
	Protein	Fat	Fiber	Ash				
Marlboro Products Co., Inc.								
Economy Beef Chunks Dinner for Dogs	8	5	2.5	3	13.8	6.3	0.5	2.1
Economy Liver Flavor Dog Food	8	2	2		8.1	1.2-	0.7	
Economy Liver Flavor Dog Food	8	2	2		8.0	2.4	1.1	
Martin Feed Mills Limited								
Martin's 1/4" Salmon Broodstock Pellets	50				51.8	20.0	0.6	
Martin's Salmon Food 2 Granule	50				54.6	15.4	0.8	
Martin's Salmon Food 3 Granule	50				53.3	18.9	0.7	
Murray Elevator								
Nelson's Silver Cup Fish Feed #3 Fnglng Crumbles	48	11	3	12	54.8	16.0	0.7	9.9
Nelson's Starting Silver Cup Fish Feed 3/16" Pellet	38	10	4	12	45.4	13.0	2.2	10.0
Nelson's Sterling Silver Cup Fish Feed #1 Fry	52	14	3		59.6	18.5	2.1	
Nelson's Sterling Silver Cup Fish Feed #2 Fry	52	14	3	15	61.3	19.3	0.7	10.3
Nelson's Sterling Silver Cup Fish Feed #4 Fngl Crumb	48	11	3	12	55.1	14.5	0.9	8.3
Nelson's Sterling Silver Cup Fish Feed 3/32" Pellet	48	10	4	12	45.8-	16.4	1.6	8.8
Nelson's Sterling Silver Cup Fish Feed 5/32" Pellet	38	10	4	15	43.1	13.6	1.4	8.6
Nelson's Sterling Silver Cup Fish Feed Fry Starter	52	14	3	15	61.1	17.6	0.9	10.1
Silver Cup Fish Feed #2 Fry	52	14	3	15	58.4	17.7	0.5	10.1
Silver Cup Fish Feed #3	48	11	3	15	51.4	13.1	1.0	7.9
Silver Cup Fish Food 3/16"	38	10	4	12	53.1	14.0	1.7	9.7
Silver Cup Starter	52	14	3	15	59.8	16.6	0.6	10.7
Pro-Pet, Inc.								
Li'l Red Tuna Flavor Low Ash Formula	31	10	3	5.5	31.3	10.5	1.4	4.6
Quaker Oats Co.								
Ken L Ration Pup-Peroni Liver Flavor	27	5	2		32.6	14.4	0.8	
Ken-L Ration Pup-Peroni Bacon Flavor	26	5	2		32.9	13.9	1.3	
Ken-L Ration Pup-Peroni Beef Flavor	27	5	2		32.8	11.8	1.3	
Pounce Treats for Cats with Real Chicken	20	8	1.5		21.5	12.0	0.8	
Pounce Treats for Cats with Real Shrimp	20	8	1.5		22.3	12.7	0.7	
Ralston Purina Co.								
Hi-0 Pig Starter Chow (Med) 250	18	5	5		19.3	7.0	3.1	
Purina Athlete	14	14	4		14.3	15.0	1.3	
Purina Cat Chow	30	8	4.5		31.2	14.2	2.5	
Purina Cat Food-Tuna & Chicken Dinner	16	2	1		21.7	4.1	0.3	
Purina Cat Food-Tuna & Egg	15	2	1		21.4	3.1	0.2	
Purina Chuck Wagon	21	8	5		21.3	8.3	2.4	
Purina Dealer's Pride Food	21	7	6		22.9	8.0	2.5	
Purina Field N' Farm Plus	24	8	6		25.2	10.3	4.0	

TABLE 1—Continued

Manufacturer and brand	Guarantee			Nutrients Found, %				
	Protein	Fat	Fiber	Protein	Fat	Fiber	Ash	
Purina Hearty Chews Bacon Flavor	24	7	5	27.8	7.8	1.0		
Purina Hearty Chews Beef Flavor	24	7	5	26.3	9.1	1.2		
Purina Hearty Chews Liver Flavor	24	7	5	26.9	7.8	0.9		
Purina Hi Pro Dog Meal	27	10	4	28.9	12.0	1.6		
Purina Horse Chow #200	14	2	25	14.4	3.1	15.8		
Purina Horse Chow #100	10	2	30	12.4	2.5	23.4		
Purina 100 Beef & Liver Dinner Cat Food	12	3	1	15.8	5.1	0.7		
Purina 100 Clam Platter Cat Food	12	2	1	16.1	3.7	1.0		
Purina 100 Kidney Dinner Cat Food	12	4	1	16.2	6.4	0.9		
Purina 100 Ocean Whitefish Entree Cat Food	12	2	1	16.3	8.0	0.5		
Purina 100 Savory Combo Cat Food	12	4	1	15.2	5.9	0.5		
Purina 100 Southern Style Cat Food	12	4	1	14.2	7.7	0.3		
Purina 100 Tuna & Chicken Dinner Cat Food	12	2	1	14.8	7.6	0.4		
Purina 100 Tuna & Egg Cat Food	15	2	1	20.9	3.7	0.3		
Purina 100 Tuna & Liver Dinner Cat Food	12	2	1	16.4	7.2	0.3		
Purina Low Fat Fit and Trim Dog Food	14	5	10	17.5	6.4	6.9		
Purina Mainstay Dog Food	16	6	8	17.4	7.5	5.2		
Purina Milk Chow Special B 16%	16	1.5	25	17.3	3.9	4.7		
Purina Mills Scratch Grains	8	1.5	4.5	10.9	5.1	3.3		
Purina Pig-Starter Chow (Med) MDX	18	3.5	4.5	19.8	4.4	3.0		
Purina Pigeon Chow Checkers	15	2.5	5.5	16.1	3.7	5.1		
Purina Pro Plan Adult Cat Food	10	6	2	3	17.1	6.1	1.0	2.4
Purina Pro Plan Adult Formula Cat Food	33	14	2	5.5	33.0	15.3	0.7	4.7
Purina Pro Plan Dog Food Adult Formula	25	15	3		27.8	19.9	0.9	
Purina Pro Plan Dog Food Adult Formula-Dry	25	15	3		26.4	17.1	0.9	
Purina Pro Plan Dog Food Growth Formula	28	18	3		29.4	23.0	0.7	
Purina Pro Plan Dog Food Performance Formula	30	20	2.5		32.3	23.0	0.7	
Purina Pro Plan Dry Cat Food Growth Formula	31	20	3		33.2	19.8	0.8	
Purina Pro Plan Growth Cat Food Growth Formula	11	5	1.5		13.4	13.2	0.6	
Purina Pro Plan Growth Cat Food-Dry	31	20	3		33.0	20.3	0.8	
Purina Pro Plan Growth Dog Food-Dry	28	18	3		30.6	20.0	0.7	
Purina Pro Plan Performance Dog Food-Dry	30	20	2.5		33.4	20.6	0.6	
Purina Pure-Pride #200	14	2.5	8		14.0	4.4	6.7	
Purina Pure-Pride #100	10	2.5	12		12.1	3.8	8.1	
Purina Rabbit Chow Complete Blend	14	2	20	10	14.7	7.3	14.9	6.1
Purina Rabbit Chow Complete Blend	14	2	20	10	14.6	3.4	17.1	7.0
Purina Rodent Laboratory Chow 5001	23	4.5	6	8	23.9	5.3	4.7	8.5
Purina Sunflower Seed	16	35	30		17.3	41.4	11.9	
Purina Trout Chow	40	10	5	10.5	40.2	11.8	1.9	9.2
Purina Trout Chow	40	10	5	10.5	40.3	12.4	1.8	9.9
Purina Wild Bird Chow Bird Feed	10	3	7	2.5	12.9	7.7	6.5	2.4

TABLE 1--Continued

Manufacturer and brand	Guarantee			Nutrients Found, %			
	Protein	Fat	Fiber	Ash			
Redi Industries							
Redi Freeze Dried Cat Treats	52	16	3	38.6-	5.9-	0.4	
Redi Freeze Dried Dog Treats	60	9	3	60.5	12.2	0.5	
Robert Abady Dog Food Co., Ltd.							
Abady Blue Ribbon High Stress & Competition Formula				21.8	15.5	1.1	
Abady Formula for Maintenance & Stress				20.6	15.4	1.1	
Rolf C. Hagen Corp.							
Hagen Cat Love	38.1	9.9	3	40.1	6.7-	3.4	
Soundview Farms							
Custom Finch Mixture	12	3.5	7.5	13.4	3.9	13.1+	
Custom Parakeet Food	11	2.5	11	12.3	7.7	7.3	
Custom Parrot Food	13	13	17	13.9	16.9	5.7	
Specialty Pet Products							
ANF Liver Treats for Dogs	30	9	1	31.8	14.8	0.4	
Star-Kist Foods, Inc.							
Amore Braised Liver Dinner Cat Food	11	2	1 2.5	16.4	3.6	0.2	1.8
Amore Cat Food Ocean Whitefish & Tuna	17.5	3.5	1 3	23.1	13.0	0.3	1.5
Amore Cat Food Poached Salmon Dinner	12	3	1 4	16.4	8.0	0.4	2.5
Amore Cat Food Turkey & Giblets Dinner	13	4	1 3	16.7	7.3	0.2	2.8
Amore Chicken Hearts & Liver Dinner	10	2	1 2.5	17.2	3.8	0.3	2.3
Amore Homestyle Dinner Cat Food	12	6	1 4	14.6	12.6	0.7	3.0
Amore Seafood Supreme Cat Food	17.5	3.5	1 3	24.1	12.8	0.2	1.7
Amore Simmered Beef Dinner Cat Food	10	2	1 2.5	13.6	6.3	0.3	1.4
Jerky Treats Dog Snacks Chicken Flavor	33	15	3	45.5	17.4	0.5	
9 Lives Cat Food-Beef & Egg Dinner	10	3.5	1 2	17.0	3.7	0.5	1.9
9 Lives Cat Food-Chicken & Cheese Dinner	10	3	1 3	13.9	3.7	0.4	1.9
9 Lives Cat Food-Chicken & Cheese Dinner	10	3	1 3	12.9	4.5	0.4	1.7
9 Lives Cat Food-Ranch Supper	11	3	1 2.5	18.0	4.0	0.2	2.3
9 Lives Cat Food-Seafood Platter	14	3	1 4	16.4	5.1	0.3	3.1
9 Lives Cat Food-Tuna & Cheese Bits	15.5	2	1 3	21.1	3.4	0.3	1.8
9 Lives Cat Food-Tuna & Liver	16	2	0.5 3	18.8	3.4	0.4	1.3
9 Lives Cat Food-Tuna in Sauce	18	2	1 4	20.8	4.9	0.3	2.2
9 Lives Cat Food-Turkey & Giblets in Gravy	11	2	1 4	16.4	2.9	0.4	2.0
9 Lives Cat Food-Veal & Cheese Dinner	10	3	1 3	17.3	3.7	1.0	2.3
9 Lives Seafood Platter Cat Food	14	3	1 4	15.3	6.2	1.1	4.1
9 Lives Tuna & Chicken Cat Food	14	5	1 3	20.3	5.6	0.3	1.8

TABLE 1—Continued

Manufacturer and brand	Guarantee				Nutrients Found, %			
					Protein	Fat	Fiber	Ash
Stop & Shop								
Stop & Chop Chopped Grill Dinner Cat Food	12	7.5	1	2.6	15.9	11.1	0.5	1.5
Stop & Shop Beef & Liver Dinner Cat Food	14	4.5	1	2.3	16.4	9.8	0.6	1.4
Stop & Shop Beef & Liver Dinner Cat Food	10	5	1	4	16.3	10.0	0.6	2.3
Stop & Shop Beef & Liver Dinner Cat Food	14	4.5	1	2.3	16.2	5.7	0.5	1.6
Stop & Shop Beef & Liver Dog Food	11	6	1		14.3	11.3	0.7	
Stop & Shop Beef & Liver Dog Food	11	6	1		15.6	11.6	0.3	
Stop & Shop Beef Chunks & Meat By-prod for Dogs	12	7	1.5	3	12.6	9.1	0.8	2.0
Stop & Shop Beef Dinner Dog Food	11	7	1		14.6	7.0	0.4	
Stop & Shop Chicken & Chicken Parts for Dogs	11	8	1.5	4	10.6	7.9	0.6	1.9
Stop & Shop Chicken & Liver Dog Food	11	8	1		14.3	12.8	0.4	
Stop & Shop Chopped Beef & Meat By-prod for Dogs	12	7	1.5		13.2	7.5	0.7	
Stop & Shop Chopped Grill Dinner Cat Food	12	7.5	1	2.6	17.3	7.6	0.6	1.9
Stop & Shop Country Chicken Dinner Cat Food	12	5	1	3.2	14.6	18.6	0.3	2.6
Stop & Shop Country Chicken Dinner Cat Food	12	5	1	3.2	13.1	10.4	0.5	2.7
Stop & Shop Gourmet Dinner Dog Food	10	8	1		12.3	13.3	0.5	
Stop & Shop Gourmet Dinner Dog Food	10	8	1		12.4	18.1	1.3	
Stop & Shop Gourmet Salmon Dinner Cat Food	13	5	1	2.6	15.7	5.6	0.4	1.8
Stop & Shop Horsemeat Chunks & Meat By-prod for Dogs	13	5	1.5	3	13.6	8.1	0.9	1.7
Stop & Shop Lamb Chunks & Meat By-prod for Dogs	12	7	1	3.5	12.9	6.9	1.0	2.2
Stop & Shop Liver & Chicken Dinner Cat Food	15	5	1	2.5	17.1	7.3	0.4	2.0
Stop & Shop Liver Chunks & Meat By-prod for Dogs	13	3.5	1	3	14.4	7.5	0.4	2.0
Stop & Shop Mackerel Dinner Cat Food	14	3	1	3.5	15.8	13.7	0.3	2.4
Stop & Shop Ration Dog Food	9	2	1.5		12.8	1.5-	1.0	
Stop & Shop Seafood Dinner Cat Food	14	3	1	4	15.9	5	0.4	2.7
Stop & Shop Seafood Dinner Cat Food	14	3	1	4	15.6	7.8	0.4	2.5
Stop & Shop Seafood Dinner for Cats	14	3	1	4	16.9	2.0-	0.3	5.7+
Stop & Shop Tuna Cat Food	19	2	1	2	22.8	1.6-	0.2	1.2
Stop & Shop Tuna for Cats	19	2	1	2	21.8	3.7	0.5	1.5
Stop & Shop Turkey & Giblets Dinner Cat Food	13	4.5	1	2.9	13.1	11.8	0.4	4.9+
Stop & Shop Turkey & Giblets Dinner Cat Food	13	4.5	1	2.9	16.8	6.4	1.5+	3.3
Superior Pet Products								
Kitty Snax	38	18	3		47.8	24.2	1.6	
Tetra Sales (U.S.A.)								
Tetra Brine Shrimp Treat Food	48	6	9		52.7	14.4	1.9	
Tetra Conditioning Food for Fish	38	3	9		50.9	5.9	2.2	
Tetra Doro Min	41	6	5		48.5	8.8	1.3	
Tetra Guppy Food Special Diet	42	6	7		50.0	6.4	2.4	
Tetra Main Staple Food	45	6	6		54.1	6.9	2.6	
Tetra Min Baby Fish Food	42	6	6		54.3	8.8	2.4	

TABLE 1—Continued

Manufacturer and brand	Guarantee				Nutrients Found, %			
	Protein	Fat	Fiber	Ash				
Tetra Min Staple Food for All Tropical Fish	45	5	7		48.4	8.3	2.3	
Tetra Repto Min for Water Reptiles	38	5	5		47.6	7.8	1.8	
The Iams Co.								
Eukanuba by Iams	30	20	3	9	33.9	19.1	2.2	5.7
Eukanuba Premium High Nutrition Food for Dogs	30	20	4		30.5	20.1	2.4	
Iams Chunks	25	15	3.5	10	31.5	16.1	2.3	5.8
Iams Eukanuba for Puppies	32	21	4		36.1	21.2	2.0	
Iams Eukanuba for Puppies	32	21	4		37.3	20.8	2.0	
Iams Kitten Food	34	22	3	7	37.4	22.9	1.3	6.5
Iams Kitten Food	34	22	3	7	38.8	23.7	1.4	6.2
Iams Puppy Food	28	17	3.5	10	31.5	17.0	2.3	7.7
Triumph Pet Industries								
Hi Tor Beef & Liver for Dogs	11	7	1	2	13.8	8.8	0.3	1.4
Hi Tor Beef for Dogs	11	7	1	2	12.2	8.3	0.4	1.5
Hi Tor Geriatric Diet for Dogs	5	4	1	1.8	5.0	4.7	1.0	1.1
Hi Tor Heart Diet for Dogs	5	5.5	1	2	5.9	5.1	0.7	0.7
Hi Tor Intestinal Diet for Dogs	6.5	3	0.5	2	6.8	3.3	0.4	1.6
Hi Tor Kidney Diet for Dogs	3.5	6	1	1.5	6.1	9.5	0.4	1.3
Hi Tor Premium Chicken for Dogs	11	7	1	2	13.3	11.3	0.8	1.8
Hi Tor Puppy Weaning Diet for Dogs	11	5	1	2.5	12.1	8.1	0.7	2.2
Hi Tor Reducing Diet for Dogs	6.5	0.8	7	3	6.9	1.8	4.4	1.6
Triumph Beef Chunks Dog Food	11	5	1.5	3.5	11.4	7.3	0.7	2.0
Triumph Hi Tor Cat Food	32	11	4.5	6	32.3	13.6	2.1	3.8
Triumph Hi Tor Cat Food	32	11	4.5	6	37.1	12.3	0.9	4.5
Triumph Hi Tor Cat Food	32	11	4.5	6	37.1	11.0	2.0	4.5
Triumph Hi Tor Dog Food	25	10	3		31.4	11.0	1.9	
Triumph Hi Tor Dog Food	25	10	4		33.4	12.3	2.2	
Triumph Hi Tor Dog Food	25	10	4		31.3	8.4	1.8	
Triumph Hi Tor Dog Food	25	10	4		28.9	9.4	2.2	
Triumph Hi Tor Puppy Food	28	12	4		30.5	10.3	2.4	
Triumph Hi Tor Puppy Food	28	12	4		32.0	8.2	2.5	
Triumph Horse Meat	12	5	1	1	12.1	8.1	0.6	1.6+
Triumph Liver Dog Food	12	5	1		15.8	5.8	0.6	
Triumph Soft Moist Beef Flavored Cat Food	24	12	3		30.3	12.7	0.8	
Triumph Soft Moist Tuna Flavored Cat Food	24	12	3		28.25	14.32	1.0	
United Cooperative Farmers, Inc.								
UCF 20 Profitmaker	20	3.3	10		23.1	4.6	9.3	
UCF A. M. Grower	15	3.5	5.5		16.5	5.2	4.2	
UCF A. M. Grower	15	3.5	5.5		18.2	4.0	4.5	
UCF Best Friend Dog Food	21	8	4.5		24.1	8.0	3.3	

TABLE 1—Continued

Manufacturer and brand	Guarantee			Nutrients Found, %			
	Protein	Fat	Fiber	Ash			
UCF Complete Layer	15	3	5	23.2	6.9	3.1	
UCF Complete Layer Mash	15	3	5	23.1	3.6	5.1	
UCF Complete Layer Pellets	15	3	5	19.9	3.8	3.0	
UCF Guinea Pig Pellets	24	2.5	12	25.9	4.9	11.3	
UCF Hog Grower	15	3	7	15.4	5.2	4.5	
UCF Hog Grower Mash	15	3	7	16.1	4.1	5.4	
UCF Hog Grower Pellets	15	3	7	15.8	4.8	5.6	
UCF 16 Dairy	16	3.5	8	15.4	5.8	5.3	
UCF 16 Profitmaker	16	3.5	8.5	16.1	4.8	9.2	
UCF Pride Complete Horse Feed	13	2	15	14.4	3.7	13.8	
UCF Rabbit Pellets	17	3	17	18.0	3.8	14.8	
UCF Scratch Feed	9	2.5	7	10.8	5.5	2.3	
UCF Show 'N Grow Dog Food	26	10	4.5	27.9	10.8	2.5	
UCF Tizwhiz Horse Feed	16	2.5	6	18.3	2.8	5.3	
UCF Turkey Grower	20	3	5.5	20.7	5.3	3.3	
UCF Turkey Grower	20	3	5.5	22.0	3.2	3.4	
United Pet Foods, Inc.							
Best Friend Bite Size Dog Food	26	10	4.5	26.6	10.2	2.4	
Ventura Grain Co.							
Everyday Formula 1400 Horse Pellet	14	2.5	20	18.1	3.1	12.5	
Everyday 16% Dairy	16	3.5	9	17.4	3.7	1.8	
Veterinary Nutritional Assoc.							
Cornucopia Cat Beef & Liver Dinner	12	8	1 1.95	12.4	13.8	0.5	1.6
Cornucopia Cat Poultry Dinner	12	8	1 1.95	12.9	11.6	0.7	2.1
Cornucopia Natural Beef & Liver Dinner for Cats	12	8	1 1.95	14.8	8.6	1.1	1.9
Cornucopia Poultry Dinner for Cats	12	8	1 1.95	12.0	10.5	0.8	1.1
Cornucopia Super Senior	5	5	2	5.5	6.0	0.9	
Cornucopia Super Start	10	7	2	11.3	9.6	0.7	
Vo-toys, Inc.							
V.I.P. Nibble Logs with Playball/Gerbils & Hamsters	13	2.5	3 7	9.6-	3.2	3.2	10.8+
Votoys Kitty Kat Treats	38.1	9.9	3	47.6	6.9-	3.8+	
Wardley Products Co., Inc.							
Wardley's Basic Food Flakes For Fish	40	4	5 19	40.4	13.0	2.5	13.6
Wardley's Goldfish Food Flakes	25	3	7 14	30.9	9.6	1.7	7.5
Wardley's Goldfish Food Flakes	25	3	7 14	26.8	5.0	2.2	6.5
Wardley's Pacific Plankton	69	17	3 12	69.1	13.5-	1.9	9.8
Wardley's Shrimp Pellets	38	2	8 24	39.1	4.3	7.5	22.8

Manufacturer and brand	Guarantee				Nutrients Found, %			
					Protein	Fat	Fiber	Ash
Wardley's Turtle Delight	55	1.5	4	18	73.8	2.7	2.5	16.4
Wardley's Vitafare Medium	35	5	5	21	47.1	7.5	3.0	18.8
Wauregan Grain Co., Inc.								
Equine's Choice Complete	14	2.5	20		15.8	3.9	10.4	
Wauregan 16% Pork Maker Plus	16	3	4.5		16.0	3.6	3.4	
Wauregan Layer	15	3	4		18.2	3.6	3.6	
Wauregan Layer Mash	15	3	4		15.3	3.4	2.2	
Wauregan Milker's Choice 1680	16	3	8		18.3	3.6	6.4	
Wauregan Milker's Choice 2080	20	3	8		20.8	3.9	6.1	
Wauregan Test Cow 2090	20	3.5	6		20.6	4.4	5.8	
Zeigler Bros., Inc.								
Ranger #4 Salmon Starter (38-476)	50	15	2		51.1	17.1	0.9	
Ranger Booster 3/32 Cut Short (32-496)	35	8	4		38.6	8.9	2.6	
Ranger Trout Gropwer Hi Fat 3/16	38	12	4		38.9	13.5	1.4	
Ranger Trout Grower Hi Fat 5/32 (38-481)	38	12	4		40.2	13.1	1.7	
Zeigler Salmon Starter	50	15	2		53.1	15.4	0.6	
Zeigler Salmon Starter #1	50	15	2		55.3	14.3	0.6	
Zeigler Salmon Starter #2	50	15	2		54.9	14.2	0.4	
Zeigler Salmon Starter #4	50	15	2		51.8	18.4	0.3	
Zeigler Salmon Starter Mash	50	15	2		58.5	15.4	1.3	

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 GUARANTEES, AND AVERAGE PERCENTAGE OF GUARANTEE FOR EACH NUTRIENT

Manufacturer or dealer	No. of		No. of guarantees				Average % of guarantee			
	samples	for ash	% Not meeting guarantees	protein	fat	fiber	ash	protein	fat	fiber
Agway	18	0	0	0	0	-	108	143	62	-
Alpo Petfoods	4	0	0	0	0	25	126	118	107	
Apples Aviary & Supply	4	3	0	25	75	67	117	126	125	151
Best Feeds & Farm Supplies	5	3	0	0	0	0	111	140	49	72
Blue Ribbon Pet Products	7	7	0	14	14	100	114	382	82	173
Borden	2	1	0	0	0	0	105	135	100	81
C.H.B. Foods	3	0	0	0	0	-	111	127	67	-
Cadillac Pet Foods	3	2	0	34	0	0	111	153	51	79
Cargill/Nutrena Feed Div.	4	0	0	0	0	-	108	175	81	-
Carnation	32	23	3	0	0	4	121	162	46	91
Central CT Co-op Farmers Exch.	15	0	0	7	0	-	107	130	71	-
ConAgra	8	0	0	13	13	-	125	181	68	-
Continental Grain	10	0	0	0	0	-	110	119	73	-
Eagle Products	4	4	0	0	0	25	112	111	53	97
8 in 1 Pet Products	20	0	0	5	20	-	128	146	75	-
Eavanger's Dog & Cat Food	11	2	0	9	0	50	109	152	42	118
Far East Freeze & Drying Mfg.	1	1	100	100	0	0	93	64	80	68
Gaines Foods	2	0	0	0	0	0	134	129	37	0
H.K. Webster	29	0	3	0	0	-	112	140	74	-
Happy Pet Products	3	0	0	34	0	-	206	101	79	-
Hartz Mountain	7	0	0	0	0	-	107	137	62	-
Heinhold Feeds	7	0	0	0	29	-	115	122	98	-
High Tech Feeds	1	0	0	0	0	-	113	110	92	-
Hills Pet Products	1	1	0	0	0	0	104	102	25	72
International Multifoods	1	0	0	0	0	-	113	111	71	-
Jungle Laboratories	1	1	0	0	100	0	118	500	25	121
Kal Kan Foods	10	3	0	0	0	0	124	154	23	94
Kyorin Food Industries	1	1	0	0	0	0	119	128	48	78
L/M Animal Farms	8	0	0	13	0	0	117	195	63	-
Laddie Boy Pet Foods	6	5	0	0	0	20	139	131	56	132
Lick Your Chops	6	3	0	17	0	0	124	117	46	59
Macky's	1	0	0	0	0	-	103	217	40	-
Manna Pro	1	0	0	0	0	-	103	140	98	-
Marlboro Products	3	1	0	34	0	-	125	102	37	70
Martin Feed Mills	3	0	0	-	-	-	107	-	-	-
Murray Elevator	12	11	8	0	0	0	115	134	35	70
Pro-Pet	1	1	0	0	0	0	101	105	47	84

TABLE--2 (Continued)

Manufacturer or dealer	No. of samples	No. of guarantees for ash	No. of guarantees				Average % of guarantee			
			% Not meeting guarantees				protein	fat	fiber	ash
			protein	fat	fiber	ash	protein	fat	fiber	ash
Quaker Oats	5	0	0	0	0	-	118	222	54	-
Ralston Purina	49	8	0	0	0	0	116	167	49	85
Redi Industries	2	0	50	50	0	-	88	87	15	-
Robert Abady Dog Food	2	0	-	-	-	-	-	-	-	-
Rolf C. Hagen	1	0	0	100	0	-	105	68	113	-
Soundview Farms	3	0	0	0	34	-	110	183	92	-
Specialty Pet Products	1	0	0	0	0	-	106	164	40	-
Star-Kist Foods	21	20	0	0	0	0	139	193	42	70
Stop & Shop	30	22	0	10	0	9	121	172	54	77
Superior Pet Products	1	0	0	0	0	-	126	134	53	-
Tetra Sales (U.S.A.)	8	0	0	0	0	-	120	159	32	-
The IAMS Co.	8	5	0	0	0	0	114	102	57	76
Triumph Pet Industries	23	14	0	13	0	7	118	123	54	76
United Cooperative Farmers	20	0	0	0	0	-	115	149	76	-
United Pet Foods	1	0	0	0	0	-	102	102	53	-
Ventura Grain Co.	2	0	0	0	0	-	125	115	42	-
Veterinary Nutrit. Assoc.	6	4	0	0	0	0	110	136	65	86
Vo-Toys	2	1	50	50	50	50	100	99	124	154
Wardley Products	7	7	0	14	0	0	150	205	55	76
Wauregan Grain	7	0	0	0	0	-	108	126	75	-
Zeigler Bros.	9	0	0	0	0	-	108	107	39	-



The Connecticut Agricultural Experiment Station, founded in 1875, is the first experiment station in America. It is chartered by the General Assembly to make scientific inquiries and experiments regarding plants and their pests, insects, soil and water, and to perform analyses for State agencies. The laboratories of the Station are in New Haven and Windsor; its Lockwood Farm is in Hamden. Single copies of bulletins are available free upon request to Publications; Box 1106; New Haven, Connecticut 06504.

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