ISSN 0097-0905

Inspection of Feed Products and Pet Foods 1983

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BULLETIN 820 • THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION NEW HAVEN • AUGUST 1984

INSPECTION OF FEED PRODUCTS AND PET FOODS--1983

Chemical analyses of 464 official samples of feed products and pet foods collected during 1983 by inspectors of the Connecticut Department of Agriculture are presented in this Bulletin. Two hundred and twenty are for farm animals. Included are 244 pet foods, mainly for dogs and cats but food for hamsters, guinea pigs and caged birds is also included.

Table 1 shows individual samples for 71 manufacturers. In the Table the name of the product is followed by the percentage guarantee for each product for protein, fat, fiber, and in some cases for 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 is guaranteed. The analyses are then shown with the deficiencies underlined.

A summary is provided in Table 2 indicating 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 analyses 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 in the statement: the mean difference between duplicates for protein and fat is about one-third percent and for fiber about one-tenth 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 4.5% were deficient in protein, 3.4% deficient in fat, and 0.9% excessive in fiber. No samples were excessive in ash.

Analyses were performed by H. Kocaba, M. Pyles, and M.A. Illig. Samples were collected by J. Dippel, A Van Dyke, and D. Nisely under the direction of K. Veit. Feed laws are administered by the Commissioner of Agriculture.

Lester Hankin
Chief, Analytical Chemistry

Table 1. Analysis of Individual Samples

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
A & P				
Daily Supreme Beef Chunks, 12-7-1.5	14.0	8.0	1.0	
A & R PET FOOD CO.				
Beef Chunks Dog Food, 8-5-3-3	11.6	9.1	2.1	2.1
Finast Beef Chunks & Meat By-Products For Dogs, 12-6-1.5	15.6	10.0	0.7	
Stop & Shop Chicken & Liver For Dogs, 11-8-1	17.3	8.3	0.3	
Stop & Shop Liver Chunks & Meat By-products, 13.1-3.5-1	15.1	9.3	0.4	
AGWAY				
Big Red Special Rabbit Pell., 15-2.5-15	15.3	3.4	12.8	
Big Red Special Rabbit Pell., 15-2.5-15	15.4	3.1	14.3	
Broiler Finish (RST), 16-3-3.5	17.6	4.2	2.4	
Choice For Horses, 12-2-20	12.8	3.6	9.3	
Choice For Horses, 12-2-20	12.2	3.3	11.5	
Complete Grower, 14.5-3.5-4	15.6	4.1	2.4	
Complete Grower, 14.5-3.5-4	15.9	3.5	2.8	
Complete Horse, 12-2-20	13.7	3.4	14.1	
Franklin 16, 16-2.5-12	16.8	4.0	7.7	
Early Market Lamb, 14-2-8	14.7	4.0	12.0	
Early Market Lamb, 14-2-18	13.6	3.4	11.7	
Franklin 16, 16-2.5-12	16.8	2.9	9.1	
Game & Turkey Finisher, 16-3-4	17.0	3.7	2.2	
Game & Turkey Finisher, 16-3-4	17.3	4.1	2.5	
Game & Turkey Grower, 21-3-4.5	21.3	4.2	2.5	
Game & Turkey Grower, 21-3-4.5	23.3	2.7	2.5	
Game & Turkey Grower, 21-3-4.5	21.6	4.5	3.0	
Game & Turkey Grower, 21-3-4.5	21.6	3.0	3.0	
Game & Turkey Starter, 28-3-4	34.2	3.6	2.8	
Gestating Swine Feed, 14-2.5-10	14.2	3.5	3.5	
Hi-Energy Lamb Pell., 16-3.5-9	16.0	4.1	4.6	
High Layer 900, 14.5-2.5-4	14.8	2.9	1.8	
High Layer 1000, 14.5-2.5-4	15.0	4.1	2.3	
High Layer 1000+, 14.5-2.5-4	16.4	3.5	2.8	
High Layer 1100+, 14.5-2.5-4	15.4	3.9	2.2	
High Layer 1100+, 14.5-2.5-4	22.1	3.5	2.3	
High Layer 1100+, 14.5-2.5-4	15.5	3.7	2.6	
Hog Concentrate 37%, 37-2-6	37.6	4.6	4.5	
Hog Feed 14% (T-20), 14-3-5	14.9	3.1	2.6	
Hog Feed 14% (T-20), 14-3-5	14.3	4.0	3.1	
Hog Feed 14% (T-20), 14-3-5	14.7	4.0	3.2	
Layer 18, 18-3-4	18.0	4.0	2.9	
Mare N Foal, 18-2.5-7.5	18.1	4.1	5.4	
Nu-Cashmaker 16, 16-3-4	16.1	3.2	1.7	
Nu-Cashmaker 16, 16-3-4	15.3	3.1	2.0	
Nu-Cashmaker 16, 16-3-4	16.5	3.1	2.5	
Pacemaker Starter, 18-3-4	19.2	3.5	2.5	
Pig Starter (pell.), 18-3.5-4.5	18.3	5.5	2.3	

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
Pro-Blend 44% (for ruminants), 44-1-7	40.1	2.4	4.5	
Pro-Right 4000-22, 22-3-6.5	22.2	4.1	4.3	
Pro-Right 2000-40, 40-1-5	43.2	2.0	3.3	
Pro-Right 5000-18, 18-3-6.5	18.0	4.1	4.3	
Ratio-Right 401-20, 20-3-8.5	20.3	4.3	5.8	
Ratio-Right 451-20, 20-3-7	20.0	3.5	3.8	
Ratio-Right 501-16, 16-3-8.5	16.4	4.5	5.8	
Ratio-Right 501-16, 16-3-8.5	17.2	3.3	6.9	
Ratio-Right 501-16, 16-3-8.5	18.1	3.5	6.5	
Ratio-Right 400-20, 20-3-8.5	16.2	3.4	5.4	
Sow and Hog 16%, 16-3-5	16.8	3.8	3.5	
Sow and Pig Feed 16%, 16-3-5.5	16.3	3.5	2.9	
Sow and Pig Feed 16%, 16-3-5.5	16.0	4.4	2.9	
Squealer Pellets (mx), 18-4-3	18.0	8.0	2.6	
TC I, 15-2.5-12.5	15.5	3.5	8.3	
TCR II, 12.5-2-22	14.4	2.9	5.1	
ALLEN PRODUCTS CO.				
Alpo Beef Chunks Dinner, 11-6-1.5	10.0	10.7	0.3	
Alpo Beef Chunks Dinner, 11-6-1.5-3	11.4	10.5	0.5	2.4
Alpo Beef Chunks Dinner For Dogs, 11-6-1.5	11.9	6.6	0.4	
Alpo Beef and Liver, 11-5-1-3	11.0	5.8	0.7	2.6
Alpo Lamb Chunks Dinner, 11-6-1	14.5	4.0	0.3	
Alpo Lamb Chunks, 11-6-1-4	12.9	6.7	0.4	3.8
Alpo Tabby Treat, 11-1-5-3.5	13.1	5.2	0.5	2.8
Alpo Trio, 10-7-1	12.4	5.7	0.5	
Tabby Beef Platter For Cats, 11-3.5-1	12.7	8.9	0.6	
ANDERSON FARM SUPPLY				
Anderson Wild Bird Mix, 10-5-7.5	10.5	6.7	6.0	
AUDUBON PARK CO.				
Audubon Bird Bell, 10-4-10	12.1	7.6	6.2	
BEATRICE FOODS				
Bribes Fish Flavored Jerky For Cats, 35-15-5	36.3	17.3	1.3	
Bribes Liver Treats, 30-9-1	35.3	13.6	0.2	
Bribes Liver Treats, 30-9-1	31.4	12.1	0.3	
BLOOMFIELD FARMERS EXCHANGE				
Bloomfield Hominy Mix, 8-3.5-6	8.4	5.5	2.9	
Bloomfield 16% Dairy Ration, 16-3.5-8	20.8	2.2	3.9	
BLUE STAR FOODS				
Tabby Beef & Seafood Platter, 11-3-1	14.6	5.3	0.9	
Tabby Beef Platter Cat Food, 11-3.5-1	15.4	5.7	0.6	
Tabby Chicken Platter, 11-6-1	15.3	11.1	0.6	
Tabby Kidney Platter, 11-6-1	16.1	5.7	0.8	
Tabby Liver & Fish, 11-3-1-4	16.7	5.4	0.9	2.7

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
BUMBLE BEE SEAFOODS				
Figaro Cat Food Tuna, 18-2-1	23.7	2.2	0.2	
Figaro Cat Food Tuna, 18-2-1	23.2	2.2	0.5	
Figaro Cat Food Tuna, 18-2-1-2.5	20.2	1.5	0.4	1.8
Figaro Cat Food Tuna, 18-2-1-2.5	18.9	2.5	0.3	1.5
CADILLAC PET FOODS				
Cadillac Beef Dinner, 10-5-1-3	12.1	11.0	0.3	2.1
Cadillac Chunky Horsemeat & Meat By-Products, 10-5-1	14.4	11.0	0.5	
Cadillac Chicken Dinner For Dogs, 9-8-1	10.4	9.3	0.6	
Cadillac Chunky Liver Dinner, 10-5-1-3.5	14.1	10.0	0.5	2.2
Cadillac Chicken & Liver Dinner For Cats, 10-6-1	10.8	9.9	0.4	
Cadillac Horsemeat & Meat By-Products, 10-5-1-3.5	11.6	13.3	0.5	2.3
CALO PET FOOD				
Calo Cat Food, 10-3-1-3.5	6.9	1.4	0.7	2.1
Calo Meat Morsels, 12-9-1.5-3.5	12.5	10.6	0.9	1.7
Calo Original Flavor Dog Food, 10-4-1.5	8.9	6.1	0.8	
Calo Original Flavor Cat Food, 10-3-1.5	9.0	4.4	0.7	
CARNATION CO.				
Bright Eyes Beef & Chicken Dinner, 10-3-1	12.5	10.2	0.9	
Bright Eyes Liver & Chicken Dinner For Cats, 10-3-1	12.3	6.4	0.8	
Bright Eyes Salmon Dinner For Cats, 10-3-1	10.7	3.0	0.5	
Carnation Double Duty Rabbit Pell., 16-2.5-15	16.3	2.7	12.9	
Carnation Family Farm Egg Maker 15 Pell., 15-3-7	16.4	3.6	3.3	
Carnation Pig Maker 13, 13-3-7	18.3	6.2	4.5	
Carnation Smorgasbord Bird Buffet, 10-4-7.5	10.2	5.4	6.1	
Carnation Super Horse Feed, 14-2.5-6	21.6	6.6	4.1	
Carnation Turkey Finisher 13.5, 13.5-3.5-5	13.8	5.0	2.9	
Chef's Blend Cat Dinner, 30-8-4.5	32.9	8.8	3.1	
Fancy Feast Beef & Liver Feast, 14-4.5-1	15.0	6.9	0.4	
Fancy Feast Fancy Seafood Cat, 14-3.5-1	16.6	6.6	0.6	
Friskies Buffet Beef Stew, 11-5-1-2	12.9	9.2	0.4	2.0
Friskies Buffet Beef & Cheese Dinner For Cat, 11-8-1	12.7	8.1	0.4	
Friskies Buffet Dixie Dinner, 12-4-1-2.5	16.6	6.0	0.7	

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
Friskies Kidney Flavor, 9-2-1.5	9.1	2.2	0.8	
Friskies Buffet Liver Entree, 13-5-1	15.6	10.9	0.3	
Friskies Buffet Liver & Chicken, 12-5-1	14.4	11.4	0.2	
Friskies Buffet Mixed Grill, 12-4-1	18.4	4.9	0.6	
Friskies Dinners, 8-3-1	8.1	7.6	0.9	
Friskies Dinners Chunky Beef & Egg Flavor, 8-3-1	13.1	8.5	0.5	
Friskies Dinners Chunky Liver, Egg & Bacon, 8-3-1	12.3	5.5	0.7	
Friskies Dinners Turkey & Giblets Flavor, 8-3-1	12.7	6.4	0.7	
Friskies Dinners Turkey & Giblets, 8-3-1	13.4	8.1	0.6	
Fancy Feast Liver & Chicken, 15-3.5-1-2.5	18.1	10.5	0.3	2.0
Fancy Feast Savory Salmon Feast Cat Food, 13-2.5-1-2.6	16.9	6.8	0.4	2.3
Fancy Feast Savory Salmon Feast Cat Food, 13-2.5-1	17.8	10.7	0.4	
Fancy Feast Tender Liver & Chicken, 15-3.5-1	16.4	9.1	0.3	
Mighty Dog Chicken, Egg & Bacon, 10-8-1	12.6	12.1	0.3	
Mighty Dog Turkey & Giblets, 11-8.5-1	13.3	9.3	0.2	
Mighty Dog-Beef, 11-6-1	14.2	13.3	0.5	
Mighty Dog Beef & Cheese, 10-6.5-1	15.2	8.5	0.4	
Mighty Dog Turkey & Giblets, 11-8.5-1	11.8	9.8	0.2	
CARTER-WALLACE				
Linatone Brand Puperoni Beef Flavor Dog Treats, 26-10-2	26.3	22.5	0.2	
Puperoni Dog Treat-Beef, 26-10-2	29.6	14.3	1.5	
CENTRAL CONNECTICUT COOP.				
Honest Brand (bulk) 17% Cage Layer Ration, 17-3.5-4	17.3	5.7	2.6	
Honest Brand 16% Dairy Treat, 16-3-8.5	16.3	3.5	4.5	
CHAMPION VALLEY FARMS				
Recipe Calif. Ranch Style Dinner, 9-5-1.5	10.4	5.2	1.1	
Recipe Liver Chunks Dinner, 9-4-1.5	11.1	4.8	1.2	
Recipe Turkey Dinner, 8-5-1.5	10.0	6.0	0.8	
CHARBONE CORP.				
Char-Bone Dog Biscuit, 22-7-3-9	26.6	7.6	1.5	8.7

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
CHB FOODS				
Skippy Chunky Liver & Meat By-Products For Dogs, 9-3-1.5	10.6	2.3	0.6	
Skippy Premium Beef & Chicken Dinner, 9-3-1.5	10.4	3.5	0.9	
Skippy Premium Chunky Stew For Dogs, 8-3-1.5	9.7	3.2	0.8	
Skippy Premium Chunky Stew, 8-3-1.5-3	9.7	3.4	0.8	2.5
Skippy Premium Chunky Stew, 8-3-1.5-3	10.6	3.0	1.0	1.9
CON AGRA PET PRODUCTS CO.				
Geisler Parrot Goodies, 27-8-4	28.0	8.1	2.5	
CONTINENTAL GRAIN CO.				
Homestead Poultry Feed Medicated Pullet Starter, 18-3-6.5	19.6	4.6	4.3	
Wayne Dog Food, 25-8-5	25.8	8.5	3.5	
Wayne New Hope 12.5, 12.5-2-12	12.7	2.9	7.0	
Wayne Pro-Mix Dog Food, 21-8-6	21.0	8.1	4.3	
Wayne Rabbit Ration, 17-2-15	17.1	3.0	10.5	
Wayne Ruff & Redi 12, 12-2-20	16.9	3.1	13.0	
Wayne 16.5% Program Layer, 16.5-3-4.5	16.6	5.0	4.3	
Wayne 18% Sup. Turkey Grower Medicated, 18.4.5-3	19.3	4.6	2.7	
Wayne Tail Curler Senior Medicated, 16-3-5	16.3	4.3	3.9	
Wayne Weight Lifter Grower Medicated, 14-2.5-4.5	14.9	4.4	3.7	
DERBY FEED CO.				
Snow Bird Wild Bird Food, 10-3-9	9.0	3.6	2.9	
Snow Bird Wild Bird Food, 10-3-9	10.6	5.9	4.7	
DOCTOR LABORATORIES				
Doctor Hamster Treat, 14-7-18	14.1	8.8	10.7	
8 IN 1 PET PRODUCTS				
8 In 1 Finch Fruit N Seed Treat, 11-7-8	11.8	10.3	9.7	
FIRST NATIONAL STORES				
Dog Food Liver Flavor, 6-1.25-2-2	6.8	1.35	1.1	
Finast Deluxe Dinner For Cats, 10-6-1.5-4	14.5	4.0	0.6	3.1
Finast Lamb Chunks & Meat By-Products, 12-6-1.5-3.5	14.1	11.3	0.6	2.8

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
FOSTER CANNING CO.				
Chicken Parts & Liver For Dogs & Cats, 10-8-1.5	14.9	10.1	0.6	
Stop & Shop Beef & Liver Dog Food, 11-6-1	14.9	14.6	0.5	
Stop & Shop Meat Flavor Cat Food, 10-2-1.5	11.2	6.1	0.6	
GENERAL FOODS CORP.				
Gaines Cycle 2 Beef Flavor, 7-5-2	8.3	6.2	0.6	
Gaines Cycle 2 Adult Liver, 7-5-2	9.6	5.1	0.7	
Gaines Cycle 4 Beef Flavor, 5-3-5	6.8	4.2	2.4	
Gaines Cycle 4 Beef Flavor, 5-3-5	9.6	4.1	2.2	
Gaines Cycle 4 Chicken Flavor, 5-3-5	6.1	4.3	2.5	
Gaines Cycle 4 Older Beef, 5-3-5	6.3	3.9	2.5	
Gaines Cycle 7 Puppies-Chicken, 10-6-2	10.1	7.2	0.7	
Gravy Train Beef, Liver Flavor, 8-5-2	10.3	6.8	0.6	
Gravy Train Chicken Flavor Dog Food, 8-5-2	9.3	6.1	0.6	
Gravy Train Chicken Flavor, 8-5-2	9.6	5.3	0.4	
Gravy Train Chicken Flavor, 8-5-2	15.1	5.9	0.5	
Gravy Train Liver Flavor Dog Food, 8-5-2	9.6	5.1	0.6	
GOFF CAT FOOD				
Goff Beef & Liver, 10-7-1-1.2	10.2	7.6	0.6	1.1
Goff Beef Low Ash Cat Food, 10-7-1-1.5	11.7	7.0	0.6	1.2
Goff Beef Low Ash Cat Food, 10-7-1-1.2	12.6	5.6	0.6	1.0
HK WEBSTER				
Blue Seal Avi-Pell. For Zoo Animals, 20-4.5-4	20.0	5.4	2.7	
Blue Seal Bone-Shaped Biscuits, 24-7-3	26.1	7.9	1.1	
Blue Seal Bunny 16 Pell., 16-2.5-18	17.8	3.8	13.7	
Blue Seal Bunny 16 Pell., 16-2.5-18	16.7	3.8	15.2	
Blue Seal Calf Starter, 19-3-8	19.7	3.6	4.9	
Blue Seal Contender, 16-3.5-7.5	14.8	3.3	5.5	
Blue Seal Contender (horse), 16-3.5-7.5	16.3	4.1	5.7	
Blue Seal Course 14,14-3.5-8	14.3	3.1	6.2	
Blue Seal Course Cracked Corn, 8.5-2.5-2.5	9.0	5.4	1.4	
Blue Seal Energizer 20, 20-3.5-7	20.8	3.7	3.8	
Blue Seal Fat & Finish Pell., 18-4.5-3.5	18.7	5.4	2.2	
Blue Seal Fat & Finish Pell., 18-4.5-3.5	18.8	6.3	2.5	

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
Blue Seal Fat & Finish Pell., 18-4.5-3.5	20.3	4.9	2.6	
Blue Seal Fit 'N Ready Livestock Feed, 14-3.5-8	14.3	3.6	6.2	
Blue Seal Grower-Cal. Mash, 15-3-4	16.6	4.3	2.8	
Blue Seal Guinea Pig Pell., with Vit. C 10-4-16	21.4	4.5	9.0	
Blue Seal Hi-Pro Pell. Rabbits, 20-2.5-12	22.8	3.4	13.4	
Blue Seal Hi-Pro 20 Rabbit, 20-2.5-12	18.7	3.2	10.0	
Blue Seal Hutch Pell., 16-2.5-18	18.4	4.3	10.7	
Blue Seal Hutch 18 Pell., 18-2.5-15	19.0	3.6	13.4	
Blue Seal Hutch 18 Pell., 18-2.5-15	18.3	3.4	12.9	
Blue Seal Kat Krunchies, 30-9-4	32.3	13.0	1.9	
Blue Seal Krunchies Dog Food, 21-8-4	21.9	10.7	2.4	
Blue Seal Krunchies Dog Food, 21-8-4	23.2	12.0	2.5	
Blue Seal Krunchies Dog Food, 21-8-4	21.2	10.6	2.3	
Blue Seal Layer Mash, 15-3-4	17.3	3.9	1.9	
Blue Seal Layer Mash, 15-3-4	15.0	3.5	2.4	
Blue Seal Layer Pell., 15-3-4	15.6	3.8	2.7	
Blue Seal Layer Pell., 15-3-4	15.1	4.3	2.7	
Blue Seal Layer Pell., 15-3-4	17.8	4.0	2.1	
Blue Seal Layer Pell., 15-3-4	15.0	3.8	2.8	
Blue Seal Layer Pell., 15-3-4	15.6	3.5	2.3	
Blue Seal Milkmaker 16, 16-3.5-8.5	16.6	3.5	6.4	
Blue Seal Milkmaker 16, 16-3.5-8.5	16.6	3.6	6.0	
Blue Seal Milkmaker 16, 16-3.5-8.5	16.8	3.6	5.8	
Blue Seal Milkmaker 16, 16-3.5-8.5	16.6	3.9	6.9	
Blue Seal Milkmaker 16, 16-3.5-8.5	16.2	3.7	6.3	
Blue Seal Milkmaker 20, 20-3.5-8.5	20.0	3.7	6.1	
Blue Seal Milkmaker 20, 20-3.5-8.5	21.9	3.2	6.3	
Blue Seal Milkmaker 20, 20-3.5-8.5	19.7	3.5	7.2	
Blue Seal Nip & Tuck Dog Food, 18-6-7	18.3	7.8	3.5	
Blue Seal Pig & Sow, 15-3.5-7	16.1	3.9	4.4	
Blue Seal Pig & Sow, 15-3.5-7	15.1	3.9	4.1	
Blue Seal Pig & Sow, 15-3.5-7	15.6	3.8	4.1	
Blue Seal Pig & Sow Pell., 15-3.5-7	18.1	4.1	3.3	
Blue Seal Piglets, 18-3.5-7	18.1	3.9	6.1	
Blue Seal Piglets, 18-3.5-7	18.9	3.6	3.3	
Blue Seal Porkmaker Mash, 13-3.5-7	13.4	3.2	6.6	
Blue Seal Porkmaker Mash, 13-3.5-7	17.2	4.5	2.6	
Blue Seal Porkmaker Mash, 13-3.5-7	14.6	4.8	4.7	
Blue Seal Stampede, 18-3-9	18.7	2.9	5.8	
Blue Seal Strider, 11-3-7	11.0	4.0	6.4	
Blue Seal Strider, 11-3-7	11.3	3.4	5.7	
Blue Seal Striker, 11-3-7	11.3	3.3	5.9	
Blue Seal Song Maker, 11-8-10	14.6	25.0	9.7	
Blue Seal Stock Pell., 12-3-9	13.3	4.4	5.3	
Blue Seal Trotter, 14-2.5-20	14.5	3.3	11.4	

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
Blue Seal Trotter, 14-2.5-20	14.3	2.8	9.1	
Blue Seal Trotter, 14-2.5-20	15.3	3.5	8.0	
Blue Seal Trotter, 14-2.5-20	14.2	3.0	11.0	
Blue Seal Trotter, 14-2.5-20	16.9	4.5	8.5	
Blue Seal Turkey Grow Pell., 20-4.5-4	21.1	5.0	3.0	
HARTZ MOUNTAIN CORP.				
Hartz Beef Flavor Chew, 52-10-3	55.2	15.8	0.9	
Hartz Fish Flavor Cat Treats, 31-3.5-3	35.8	5.1	2.6	
Hartz Fish Flavor Hi-Pro Chew, 52-10-3	61.6	11.8	0.3	
Hartz Hamster & Gerbil Nibble Bell, 35-3-3	37.7	3.8	1.5	
Hartz Harvester & Guinea Pig Vit. & Min. 16-2-10	20.1	2.4	7.1	
Hartz Tato Stix, 16-0.5-2	21.5	0.5	1.9	
Hartz Vit. & Min. Pell., 16-2-10	18.9	3.3	6.3	
HI-LIFE PACKING CO.				
Lolly-Pups, 20-5-3	23.1	7.2	1.5	
IAMS CO.				
Eukanuba Dog Food, 30-20-3-9	31.6	22.8	2.4	7.4
IAMS Chunk Dog Food, 25-15-3.5	26.8	15.5	2.1	
K & L FEED MILL				
16% Dairy Ration, 16-3-8	16.7	2.7	6.3	
16% Dairy Ration, 16-3-8	16.1	2.8	2.4	
16% Dairy Ration, 16-3-8	16.4	3.5	2.2	
Pig Grower, 16-3-5	15.7	3.3	2.4	
Sow Feed Pell., 14-3-3	10.7	4.0	2.0	
KALKAN FOODS				
KalKan Bits O'Kidney Dinner, 11-6-1.5	16.1	8.9	0.3	
KalKan Cat Food-Crave, 30-8-4.5	30.9	9.8	2.4	
KalKan Chopped Beef, 10-4-1.5	15.4	7.1	0.5	
KalKan Chunky Meat Stew, 9-4-1.5	13.5	5.8	0.9	
KalKan Chunky Meat Stew, 9-6-1.7	11.5	11.0	0.7	
KalKan Mealtime, 11-5-1.5	12.9	9.2	0.3	
KalKan Mealtime, 11-5-1.5-3	12.4	6.5	0.5	1.4
KalKan Mealtime For Cats, 11-5-1.5	11.3	7.5	0.3	
KalKan Seaside Supper-Fish, 10-6-1.5	11.1	8.6	0.4	
KITTY FOOD CORP.				
Kitty Crab Flavor Dinner, 11-6-1.5	15.3	9.3	0.2	
Kitty Crab Flavor Dinner, 11-6-1.5	13.4	8.9	0.2	
Kitty Salmon With Sauce, 11-7.5-0.5-3.75	11.4	9.0	0.3	3.4
Kitty Trout Flavor Dinner, 11-6-1.5-3.75	11.6	10.8	0.2	3.3
Kitty Trout Flavor Dinner, 11-6-1.5	12.9	9.7	0.3	
Kitty Tuna Flavor Dinner For Cats, 11-7.5-0.5	11.0	9.7	0.3	

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
LADDIE BOY PET FOODS				
Goff Beef & Liver Low Ash Cat Food, 10-7-1	12.1	6.2	0.5	
Goff Low Ash Beef Dinner, 11-7-1-1	11.8	12.2	0.4	0.7
Laddie Boy Beef Chunks Dinner Dog Food, 9-3-1.5	14.1	6.5	0.8	
Goff Liver Low Ash Cat Food, 10-7-1	11.9	7.5	0.7	
Goff Liver Low Ash Cat Food, 10-7-1	12.3	5.7	0.5	
L.F. PET FOOD CORP.				
Bribes Fish Jerky, 38-15-5	48.6	19.3	1.2	
LAMBERT KAY				
Linatone Pupperoni Beef Flavor, 26-10-2	22.8	15.9	0.6	
LIFE DOG FOOD CO.				
Life Beef Dinner Dog Food, 12-7-1.5	14.1	8.3	1.3	
MARLBORO PRODUCTS CO.				
Economy Beef & Liver, 11-3-1.5-3.5	13.6	6.5	0.5	1.6
Economy Beef & Liver For Cats, 11-3-1.5	14.4	5.9	0.5	
Economy Chicken Parts Dinner For Cats, 10-5-1.5	12.5	12.3	0.7	
Economy Liver Chunks Dinner For Dogs, 8-5-2.5	9.1	8.8	1.2	
Economy Moist Tuna Flavor Cat Food, 24-8.5-3.5	28.4	9.6	0.7	
MARTIN'S FEED MILLS				
Bench & Field Dog Food Extra, 28-18-4	29.4	18.6	2.1	
Bench & Field Dog Food-26%, 26-9-3	26.9	9.0	1.9	
Bench & Field 26 Dog Food, 26-9-3	40.0	9.8	1.7	
MURRAY ELEVATORS				
Nelson's Silver Cup #1, 52-14-3-17	66.3	16.6	0.8	10.0
Nelson's Silver Cup #1, 52-15-3-17	52.8	15.8	0.9	11.2
Nelson's Silver Cup #1 Fry, 52-14-3-17	55.1	15.0	0.6	11.0
Nelson's Silver Cup #2, 52-14-3-17	53.9	15.5	0.9	10.4
Nelson's Silver Cup #2, 52-14-3-17	54.1	14.9	0.9	11.7
Nelson's Silver Cup #2, 52-14-3-17	52.1	16.9	0.9	11.3
Nelson's Silver Cup #3, 48-8-5-17	48.1	13.0	0.9	9.3
Nelson's Silver Cup #3, 48-8-5-17	50.5	13.1	0.8	9.2
Nelson's Silver Cup #3, 48-8-5-17	45.9	13.1	1.0	8.3
Nelson's Silver Cup #4, 48-8-7-15	48.0	12.5	0.9	9.2
Nelson's Silver Cup #4, 48-8-7-15	48.3	12.3	0.7	9.6
Nelson's Silver Cup #4, 48-8-7-15	49.9	11.5	0.8	9.2
Nelson's Silver Cup 3/16", 38-5-7-15	43.3	11.2	2.1	10.4

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
Nelson's Silver Cup 3/16", 38-5-7-15	44.4	11.3	1.8	9.6
Nelson's Silver Cup 3/16", 38-5-7-15	45.3	11.4	2.3	10.0
Nelson's Silver Cup 3/32", 38-5-7-15	44.9	14.4	1.7	9.0
Nelson's Silver Cup 3/32", 38-5-7-15	49.2	11.9	2.1	10.3
Nelson's Silver Cup 3/32", 38-5-7-15	43.6	11.5	2.1	10.4
Nelson's Silver Cup 5/32", 38-5-7-15	48.4	12.5	1.5	10.1
Nelson's Silver Cup Brood, 45-8-7-15	45.9	10.6	1.2	12.2
Nelson's Silver Cup Brood, 45-8-7-15	45.4	13.4	1.5	9.6
Nelson's Silver Cup Brood, 45-8-7-15	45.5	9.0	2.0	9.2
Nelson's Silver Cup Salmon Starter, 52-14-3-17	55.5	15.6	0.5	11.7
Nelson's Silver Cup Starter, 52-14-3-17	54.6	14.3	0.9	10.1
NABISCO				
Milk Bone Flavor Snacks, 20-6-4-8.5	20.9	8.0	1.4	5.1
OLD MOTHER HUBBARD				
Old Mother Hubbard Beef & Beef By-Products, 13-7-1.5	13.1	8.4	0.4	
Old Mother Hubbard Dog Bone Biscuits, 24-7-3	24.0	7.3	1.4	
Old Mother Hubbard Dog Bone Biscuits Charcoal, 24-7-3	26.5	8.1	1.1	
Old Mother Hubbard Dog Food Soft Moist Ground Burger With Cheese, 19-8-3-7	19.5	7.3	1.9	5.9
Old Mother Hubbard For Dogs, Beef & By-Products, 13-7-1.5	14.4	7.5	0.5	
Old Mother Hubbard Gourmet Beef, 11-5-1-1.2	15.3	5.7	0.6	1.1
Old Mother Hubbard Gourmet Beef & Chicken, 10-5-1-1.5	14.9	7.4	0.7	1.0
Old Mother Hubbard Gourmet Beef & Liver, 11-5-1-1.5	12.9	10.4	0.7	1.1
Old Mother Hubbard Gourmet Liver, 11-5-1-1.5	14.4	6.5	0.6	1.1
Old Mother Hubbard Gourmet Liver & Bacon For Cats, 11-5-1-1.5	14.7	7.0	0.6	
Old Mother Hubbard Gourmet Liver & Bacon, 11-5-1-1.5	12.0	7.5	0.5	1.2
Old Mother Hubbard Kibbled Biscuits, 24-7-3	22.3	8.3	1.4	
Old Mother Hubbard Kibbled Biscuits Wheat Based, 24-7-3	24.8	7.9	1.0	
PERK FOODS CO.				
Sun Glory Liver Flavor Dog Food, 9-2-1.5	9.6	3.4	1.4	
Vets Beef Flavor Dog Food, 8-2-2	9.3	3.5	1.7	
Vets Beef Flavor Dog Food, 8-2-2-4	8.8	4.7	1.7	2.9
Vets Chicken Flavor Dog Food, 8-2-2.5-3.5	8.6	4.0	1.7	2.2

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
Vets Chicken Flavor Dog Food, 8-2-2.5	10.8	2.6	1.7	
Vets Dog Food, 8-2-2.5	11.3	3.2	1.9	
PET SUPPLY IMPORTS				
Armitages Good Boy Choc. Drop, Vitaminized, 4-22-2	5.1	36.4	0.5	
Binzo Bone Whole Wheat, 18-3.7-4	18.8	4.1	3.2	
PRO PET				
Lil Red Tender Morsels Gourmet, 26-7-3	27.3	16.3	0.7	
QUAKER OATS CO.				
Ken-L Ration Dog Food, 9-2-1.5	10.9	2.4	1.9	
Ken-L Ration Tender Chunks Beef & Liver, 9-2.5-1.5	10.2	2.1	1.2	
Puss & Boots Fishermans Platter, 8.5-2-1.5	16.6	1.9	1.3	
Puss & Boots Pounce Beef, 20-6-1.5	21.8	9.5	0.2	
Puss & Boots Salmon Flavor Cat Food, 8.5-2-1.5	9.6	3.4	1.3	
Tender Chunks Dinner Beef, Bacon & Cheese, 9-2.5-1.5-4	11.0	2.3	1.2	1.5
R.T. FRENCH CO.				
French's Cheese Dog Treats, 16-6-4	19.1	7.1	1.2	
French's Doggie Donuts, 6-25-2	6.4	30.2	0.3	
French's People Crackers, 20-7-4	20.9	8.3	1.6	
RALSTON PURINA CO.				
Purina 100 Beef & Liver Dinner, 12-5-1	15.7	8.7	0.9	
Purina 100 Beef & Liver Dinner, 12-5-1	15.9	17.1	0.7	
Purina Happy Cat, 24-8.5-3.5	27.1	11.3	0.9	
Purina 100 Hearty Stew Cat Food, 12-2-1	14.8	6.6	0.9	
Purina 100 Ship & Shore For Cats, 12-2-1	14.6	7.9	0.5	
Purina 100 Turkey & Giblets Dinner, 12-4-1	15.1	5.7	0.2	
Purina 100 Turkey & Giblets Dinner, 12-4-1	14.5	6.2	0.3	
Purina 100 Tuna & Egg, 15, 2-1	16.4	4.2	0.3	
Purina 100 Tuna & Liver, 12-2-1	16.3	4.9	0.3	
Special Dinners Chicken & Liver Flavor For Cats, 30-8-4	30.2	9.7	1.8	
Thrive Cat Food, 30-8-4.5	30.1	8.5	2.1	

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
REWARD CO.				
Butcher Brand Beef Flavored Dog Treats, 38-16-3	45.2	23.7	1.4	
Butcher Brand Bits of Jerky Chicken Flavor For Dogs, 40-16-3	49.8	17.4	0.9	
ROLF C. HAGER CORP.				
Hagen Budgil Bell, 11.7-4.1-12	12.4	7.4	5.3	
RYTMAN GRAIN CO.				
Ryt-Span Hi Energy 16 Dairy, 16-3.5-7.5	16.4	5.1	7.4	
Ryt-Span Hi Lay, 18-4.5-3.5	17.0	4.9	2.4	
Ryt-Span Dog Food, 21-8-4.5	24.5	4.8	4.6	
SHUR FINE EAST CORP.				
Shur-Fine Ration Liver Dog Food, 8-1.5-1.5	8.9	1.2	1.8	
SIMCO				
Paddy Cat All Tuna For Cats, 20-2-1	23.3	2.1	0.2	
SPRINGFIELD SUGAR				
Sweet Life Chopped Chicken, 11-8-1.5-4	11.1	13.6	0.8	2.8
STANFORD SEED				
Lyric Supreme Wild Bird Food, 15-16.5-17	20.4	31.3	10.5	
STAR KIST FOODS				
9 Lives Beef & Cheese, 31.5-7-4.5	29.4	9.2	2.0	
9 Lives Cat Food Kidney, 10-2-1	16.7	4.7	0.5	
9 Lives Chicken & Cheese Dinner, 10-3-1	14.5	5.1	0.3	
9 Lives Choice Cuts N' Cheese Dinner, 10-5-2-1	16.8	5.1	0.3	
9 Lives Savory Stew, 10.5-2-1-2	11.9	7.0	0.3	1.7
9 Lives Seafood Platter, 14-3-1-4	14.8	3.9	0.2	4.0
Jerky Treats Bacon Flavor, 33-20-3	44.6	29.2	0.4	
STOP & SHOP				
Stop & Shop Chicken Dinner For Cats, 10-4-1	12.4	12.0	0.3	
Stop & Shop Gourmet Dinner, 11-8-1	15.0	10.5	0.5	
Stop & Shop Mackerel Dinner, 14-3-1-3.5	15.2	12.5	0.3	2.6
Stop & Shop Meat Flavor Cat Food, 12-3-1.5	9.7	6.6	0.4	

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
Sun Glory Beef Flavor Dog Food, 9-2-1.5	9.9	3.1	1.5	
Sun Glory Beef Flavor Dog Food, 9-2-1.5	9.7	3.2	1.7	
Sun Glory Beef Flavor Dog Food, 9-2-1.5	9.6	2.7	1.7	
STRONGHEART PRODUCTS				
Rival Chicken Dinner, 11-5-1.5-3.5	12.1	5.2	0.6	2.3
Strongheart Dog Food Beef Flavor, 8-1.5-2	9.0	3.0	1.1	
Strongheart Dog Food Beef Flavor, 8-1.5-2	11.5	3.5	1.5	
Strongheart Dog Food Beef Flavor, 8-1.5-2	8.0	3.9	1.2	
SUPERIOR PET PRODUCTS				
Chew-Eez, 70-0.5-2	89.6	1.0	0.2	
Wagtime Beef Basted Waffles, 18-5-3	17.1	2.0	1.0	
SWEET LIFE PRODUCTS CO.				
Chicken Parts & Kidney, 12-2-1	10.0	12.8	0.6	
Sweet Life Chopped Chicken, 11-8-1.5	11.8	8.5	0.8	
Sweet Life Lamb Chunks, 12-6-1-3.5	14.3	4.9	0.4	2.2
Variety Treat Fish, Chicken, Kidney, Liver, 13-5-1	14.4	13.1	0.6	
TETRA SALES				
Tetra Min Staple Food For Tropical Fish, 45-5-7	46.4	6.2	1.9	
THOMAS HAUFAX				
Petcraft Choc. Drops, 2-24-1	2.1	24.9	0.3	
TOPCO ASSOCIATES				
Dog Club Meat Flavor, 8-1.5-1.5	9.0	0.2	1.5	
Topco 8 Tuna & Meat Dinner Cats, 12-5-1-3	14.3	7.1	0.4	3.0
TRIUMPH PET INDUSTRIES				
Triumph Kibbled Biscuit Dog Food, 23-5-3	23.4	8.7	2.0	
Triumph Low Ash Beef 'N Heart Dinner, 11-4-1	14.3	5.1	0.8	
Triumph Low Ash Cat Food, 5% Ash, 32-14-4.5-5	34.7	9.0	1.5	4.1
UNITED COOP. FARMERS				
UCF All Mash Grower, 15-3.5-5.5	17.1	4.9	5.0	
UCF All Mash Grower Pell., 15-3.5-5.5	16.6	4.4	4.8	
UCF All Mash Grower, 15-3.5-5.5	17.1	4.4	4.4	

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
UCF All Mash Grower, 15-3.5-5.5	15.1	4.0	4.6	
UCF All Mash Grower, 15-3.5-5.5	15.1	4.0	5.0	
UCF Complete Layer, 15-3-4.5	17.0	3.6	3.9	
UCF Complete Layer, 15-3-4.5	17.3	4.1	4.1	
UCF Complete Layer, 15-3-4.5	15.8	3.9	3.9	
UCF Complete Layer Pell., 15-3-4.5	15.4	3.9	4.8	
UCF Complete Layer, 15-3.5-5.5	17.0	3.1	4.0	
UCF Complete Layer Pell., 15-3-4.5	15.9	4.9	4.0	
UCF Complete Layer Pell., 15-3.5-3.5	15.4	3.7	4.2	
UCF Complete Layer Pell., 15-3-4.5	15.9	4.2	3.4	
UCF Fit & Show, 14-3-8	14.1	3.1	6.5	
UCF Hay Extender, 10-1.5-16	11.0	3.2	10.0	
UCF Hog Grower, 15-3-7	15.5	4.3	3.7	
UCF Hog Grower, 15-3-7	15.6	3.7	4.9	
UCF Hog Grower, 15-3-7	15.8	4.3	4.9	
UCF Hog Grower, 15-3-7	16.1	3.7	4.3	
UCF Hog Grower, 15-3-7	16.4	4.5	4.5	
UCF Hog Grower Pell., 15-3-7	17.3	3.6	4.6	
UCF Hog Grower Pell., 15-3-7	16.4	4.2	4.7	
UCF Hog Grower Pell., 15-3-7	15.4	4.1	4.5	
UCF Pride Horses, 13-2-15	14.4	3.5	12.0	
UCF Pride Horses, 13-2-15	13.1	3.6	11.8	
UCF Pride Horses, 13-2-15	13.8	3.8	3.9	
UCF Pride Horses, 13-2-15	13.3	3.5	11.8	
UCF 16 Profitmaker, 16-3.5-8.5	16.3	4.0	8.4	
UCF 16 Profitmaker, 16-3.5-8.5	16.3	5.2	8.6	
UCF 16 Profitmaker, 16-3.5-8.5	17.4	5.2	6.6	
UCF 16 Profitmaker, 16-3.5-8.5	16.8	4.8	8.0	
UCF 20 Profitmaker, 20-3.5-8.5	20.3	4.1	7.1	
UCF Rabbit Pell., 17-3-17	17.9	3.2	14.7	
UCF Rabbit Pell., 17-3-17	17.8	3.8	15.0	
UCF Rabbit Pell., 17-3-17	16.7	3.5	14.2	
UCF Scratch Feed, 9-2.5-7	9.9	5.4	3.5	
UCF Show N' Grow Dog Food, 26-10-4	28.4	9.6	2.3	
UCF Starter Medicated, 20-3.5-3.5	20.5	3.6	3.5	
UCF Turkey Finisher, 18-3-5.5	18.1	3.2	3.5	
UCF Turkey Finisher, 18-3-5.5	20.5	5.0	3.9	
UCF Turkey Grower, 20-3-5.5	22.9	3.7	3.6	
UCF Wild Bird Food, 10-3-9	10.7	3.2	3.9	
WAKEFERN FOOD CORP.				
My Favorite Cat Food All Tuna, 20-2-1	30.0	2.4	0.2	
My Favorite Cat Food, 10-2-1.5-4	9.6	4.5	0.8	2.5
My Favorite Cat Food, 10-2-1.5	11.7	4.5	0.8	
Shop Rite Beef Liver Chopped, 12-6-1-3.5	14.5	17.6	0.5	
Shop Rite Chicken & Eggs For Cats, 12-7-1.5	12.8	9.4	0.6	
Shop Rite Chicken Parts & Kidney For Cats, 12-7-1.5	14.0	20.2	0.5	

Table 1. Analysis of Individual Samples (continued)

Manufacturer, brand and guarantee	% Found Protein	Fat	Fiber	Ash
My Favorite Meat Flavor Dog Food, 8-1.5-1.5	8.9	1.9	1.0	
My Favorite Premium Dog Food, Beef, Liver & Bacon, 11-8-1	14.7	11.3	0.4	
Shop Rite Beef & Liver For Cats, 13-4-1	16.1	6.0	0.5	
Shop Rite Chicken & Egg For Cats, 12-7-1.5-4	13.3	9.6	0.6	3.0
Shop Rite Horse Meat & By-Products For Dogs, 12-5-1.5	13.0	9.3	0.4	
Shop Rite Moist Cat Food, 24-8.5-3.5	22.0	8.9	0.8	
WAYNE PET FOOD				
Wayne Dog Food, 25-8-5	25.9	9.9	2.6	
Wayne Dog Food Chunk Size, 25-8-5	25.4	12.2	2.8	
Wayne 18% Super Turkey Grower, 18-4.5-3	19.4	3.6	2.0	
Wayne Pro-Mix Dog Food, 21-8-6	21.9	8.8	3.9	
Wayne Scratch Grains, 8.5-2.5-3	9.1	3.7	1.9	
Wayne Tail Curler Senior Medicated, 16-3-5	18.0	3.6	3.6	
Wayne Tail Wagger Beef Flavor, 22-6-5	22.1	7.6	3.3	
WESTERN FAMILY FOODS				
Shur Saving Med. Dog Biscuits, 20-5-4.5	21.9	6.6	1.8	
WM. S. WARREN & SON				
Warren's Complete Layer-Grower, 15-3-7.75	14.3	4.2	4.8	
Warren's Complete Layer-Grower Mash, 15-3-7.75	15.1	3.5	4.2	
Warren's Complete Layer-Grower Mash, 15-3-7.75	15.7	3.6	4.5	
Warren's Complete Layer-Grower Pell., 15-3-7.75	15.3	3.6	4.2	
Warren's #4 16% Dairy, 16-2.5-11	16.7	3.0	8.2	
Warren's #4 16% Dairy, 16-2.5-11	17.6	3.3	9.2	
Warren's #1 16% Dairy, 16-2.5-11	18.4	3.6	8.5	
Warren's #1 16% Dairy, 16-2.5-11	16.2	2.5	8.9	
ZIEGLER BROS.				
Rangers Trout Grower VER 3, 38-8-4	21.9	8.4	1.7	
Rangers Quality Trout Feed, 38-8-4	38.5	8.4	1.5	

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[1]	% not meeting guarantees				Average % of guarantee			
			prot.	fat	fiber	ash	prot.	fat	fiber	ash
A&P	1	0	0	0	0	-	116	114	67	
A&R Pet Food Co.	4	1	0	0	0	0	137	180	47	70
Agway	54	0	4	0	2	0	107	139	65	
Allen Products Co.	9	4	11	22	0	0	112	176	40	86
Anderson Farm Supply	1	0	0	0	0	-	105	134	90	
Audubon Park Co.	1	0	0	0	0	-	121	190	62	
Beatrice Foods	3	0	0	0	0	-	109	133	25	
Bloomfield Farmers Exch.	2	0	0	50	0	-	118	110	49	
Blue Star Foods	5	1	0	0	0	0	142	160	63	
Bumble Bee Seafoods	4	2	0	25	0	0	120	100	25	66
Cadillac Pet Foods	6	3	0	0	0	0	124	198	47	66
Calo Pet Food	4	2	75	25	0	0	88	115	58	55
Carnation Co.	33	4	0	0	0	0	126	194	54	89
Carter Wallace	2	0	0	0	0	-	108	184	43	
Central Connecticut Coop.	2	0	0	0	0	-	102	140	59	
Champion Valley Farms	3	0	0	0	0	-	121	115	69	
Charbone Corp.	1	1	0	0	0	0	121	109	50	97
CHB Foods	5	2	0	20	0	0	122	103	52	73
Con Agra Pet Products Co.	1	0	0	0	0	-	104	101	63	
Continental Grain Co.	10	0	0	0	0	-	107	140	75	
Derby Feed Co.	2	0	50	0	0	-	98	159	42	
Doctor Laboratories	1	0	0	0	0	-	101	126	59	
8 in 1 Pet Products	1	0	0	0	100	-	107	147	121	
First National Stores	3	2	0	33	0	0	125	121	59	79
Foster Canning Co.	3	0	0	0	0	-	129	225	43	
General Foods Corp.	12	0	0	0	0	-	118	123	36	
Goff Cat Food	3	3	0	33	0	0	115	96	47	85
H.K. Webster	62	0	3	0	0	-	108	127	66	
Hartz Mountain Corp.	7	0	0	0	0	-	118	133	71	
Hi Life Packing Co.	1	0	0	0	0	-	116	144	50	
IAMS Co.	2	1	0	0	0	0	106	109	70	82
K & L Feed Mill	5	0	20	0	0	-	96	109	50	
Kal Kan Foods	9	1	0	0	0	0	125	154	34	47
Kitty Food Corp.	6	2	0	0	0	0	115	149	30	90
L.F. Pet Food Corp.	1	0	0	0	0	-	128	129	24	
Laddie Boy Pet Foods	5	1	0	20	0	0	125	134	53	70
Lambert Kay	1	0	100	0	0	-	88	159	30	
Life Dog Food Co.	1	0	0	0	0	-	118	119	87	
Marlboro Products Co.	5	1	0	0	0	0	122	190	36	46
Martin's Feed Mills	3	0	0	0	0	-	121	100	58	
Murray Elevators	24	24	4	0	0	0	109	164	23	64
Nabisco	1	1	0	0	0	0	105	133	35	60
Old Mother Hubbard	13	6	8	0	0	0	115	135	49	78
Perk Foods Co.	6	2	0	0	0	0	120	178	73	68
Pet Supply Imports	2	0	0	0	0	-	116	138	53	
Pro-Pet	1	0	0	0	0	-	105	232	23	
Quaker Oats Co.	6	1	0	0	0	0	129	120	74	38
R.T. French	3	3	0	0	0	0	110	119	28	
Ralston Purina Co.	11	0	0	0	0	-	120	214	48	
Reward Co.	2	2	0	0	0	0	122	129	39	
Rolf C. Hager Corp.	1	0	0	0	0	-	106	180	44	
Rytman Grain Co.	3	0	33	33	0	-	105	105	90	
Shur Fine East Corp.	1	0	0	100	0	-	111	80	120	
Simco Inc.	1	0	0	0	0	-	117	105	20	
Springfield Sugar	1	1	0	0	0	0	101	170	53	70
Stanford Seed	1	0	0	0	0	-	136	190	62	
Starkist Foods	7	2	14	0	0	0	131	202	29	93
Stop & Shop	7	1	14	0	0	0	111	217	66	74
Strong Heart Products	4	1	0	0	0	0	117	199	58	66
Superior Pet Products	2	0	0	50	0	-	112	120	22	
Sweet Life Products Co.	4	1	25	25	0	0	105	273	46	63
Tetra Sales	1	0	0	0	0	-	103	124	27	
Thomas Haufax	1	0	0	0	0	-	105	104	30	
Topco Associates	2	1	0	50	0	0	116	78	70	100
Triumph Pet Industries	3	1	0	33	0	-	113	122	60	82
United Coop. Farmers	42	0	0	0	5	-	106	135	82	
Wakefern Food Corp.	12	2	17	0	0	0	116	168	37	69
Wayne Pet Food	7	0	0	14	0	-	105	123	63	
Wm. S. Warren & Son	8	0	13	0	0	-	104	124	68	
Western Family Foods	1	0	0	0	0	-	110	136	40	
Ziegler Bros.	2	0	50	0	0	-	80	105	41	

[1]The number of guarantees for protein, fat, and fiber is the same as the number of samples.