


Regulatory Bulletin 326

2014 COMMERCIAL FEEDS IN KENTUCKY



REGULATORY SERVICES

UK
UNIVERSITY OF
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College of Agriculture,
Food and Environment

Agricultural Experiment Station

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Kentucky Agricultural Experiment Station**

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This report was compiled and prepared by G. Alan Harrison
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Introduction

Kentucky's commercial feed law (KRS 250.491-250.631) dates from 1906 and was revised in 1996. This feed law provides protection for the state's livestock, poultry, and pet owners by regulating all feed materials offered for sale or for mixing into a feed. Products falling under regulation include all types of pet foods, livestock minerals, complete animal and poultry feeds, protein or mineral blocks, supplements, feed ingredients, specialty materials such as drug premixes, vitamin and mineral supplements, liquid feeds, pet supplements, pet treats, and other specialized pet foods. The law does provide for exemptions for whole and unprocessed grain, raw meat, hay, straw, stover, silage, cobs, husks, and hulls when not processed.

Revisions in laws and regulations have added additional requirements over the years. These revisions are primarily in response to more varied livestock feeding practices, changes in feed manufacturing technology, and an increased number of feed ingredients. These revisions ensure safe and effective use of drugs and authority to inspect mills for compliance with good manufacturing practices. Any drug and feed additive use must conform to Food and Drug Administration (FDA) regulations. A major aspect is to prevent unsafe residues in human food that may result from misused or contaminated feed. Several provisions are aimed at keeping poisonous and deleterious substances from being distributed in feeds.

Information in this report is intended to inform the feed purchaser, provide a basis for fair and equitable competition, and assist in assuring the safety of animal and human food.

Feed Mill Inspections

Maintaining high quality and safe feeds for animals requires a comprehensive inspection program. Inspection is particularly important when mills manufacture medicated feed. Mills may be required to obtain a license from FDA to manufacture medicated feed depending on the type and concentration of drug. All feed mills must comply with good manufacturing practices, which are assessed as part of a comprehensive inspection program. The purpose of these inspections is to ensure that several safe feed practices are followed: (1) approved drug levels are used, (2) proper mixing procedures are followed, (3) feed ingredients are monitored, (4) good record keeping is followed, (5) good housekeeping protocols are followed, and (6) a recall plan is in place.

BSE Rule Inspection

The Division participates in an inspection program in partnership with FDA that conducts 79 inspections of feed dealers and manufacturers each year. These inspections assure that mills are following FDA guidelines and are in compliance with rules prohibiting the use of ruminant proteins in feeds intended for other ruminant animals. These rules are in place to prevent the establishment and amplification of bovine spongiform encephalopathy (BSE). Feed mills receiving prohibited animal protein materials must follow adequate procedures to prevent any chance of those materials getting into feeds for ruminants.

Food Safety

Food (feed) safety has moved to the forefront of public concern. Animal food that is free of contaminants is an all important concern of feed manufacturers and regulatory officials due to potential impacts any type of contamination would have on the Kentucky livestock industry, and thus human food. Feed industry

personnel have become more involved with ingredient assessment and monitoring, defining ingredient storage conditions, maintaining clean storage and manufacturing facilities, increasing record keeping, and having plans in place to remove contaminated feed from distribution in case of an emergency situation.

Occurrences with animal or pet food that need attention may include abnormal feed color or odor, presence of a foreign material, animals refusing the feed, and sickness or death of animals. An investigation is warranted when any of these occur. Regulatory Services works in conjunction with the University of Kentucky Veterinary Diagnostic Laboratory, extension agents, local veterinarians, feed dealers, and feed manufacturers and take samples of feed when these incidences occur. Our continued emphasis on frequent inspections, regular sampling, laboratory analysis, label reviews, and inspections support efforts to maintain food safety and minimize any adverse impact.

Feed Registration and Labeling

Manufacturers are required to register all feeds before distribution to ensure that correct label information is provided to the purchaser. Each year, we conduct more than 7,000 label reviews for products for animals or pets. Guaranteed analysis, ingredient listings, and feeding directions for the intended animals or pets are scrutinized. Particular attention is given to medicated feed labels with regard to approved drug usage and dosage, statement of drug purpose, and any required warning, caution, or special feeding instructions. Misleading and unsubstantiated information or claims are prohibited. More than 18,500 different commercial feeds and pet foods are currently registered for distribution by over 1,200 companies. There are approximately 230 facilities lo-

cated in Kentucky that serve the feed and pet food industry with complete feeds or feed ingredients, or that distribute their own private label products.

A feed label is the fundamental communication with the consumer; it provides purpose of the feed, directions for use, nutrient information, ingredient content, and special comments or warnings. Providing labeling assistance and guidance to product registrants and manufacturers has been beneficial in attaining high quality feeds and promoting food safety. A full-time registration specialist reviews product labels for compliance with applicable laws and regulations. The field inspectors assist manufacturers with labeling, resulting in more uniform and informative labels. In addition, spreadsheets are available to assist in establishing label guarantees and for estimating nutritional suitability of custom mixed feeds and even pet treats. These services strengthen an excellent working relationship with the feed industry in Kentucky.

Financial Support

The feed regulatory program is supported by inspection fees of the commercial feeds sold in Kentucky, registration fees for small package items, and General Assembly appropriated funds. An inspection fee of 35 cents per ton is paid on commercial feeds in packages of larger than 10 pounds. Distiller's wet grains, other distillers products of more than 75 percent moisture, whey, and brewers wet grains distributed without further processing pay a fee of 5 cents per ton. Products sold exclusively in packages of 10 pounds or less pay an annual registration fee of \$50 per product. In 2014, the feed program collected a total of \$1,232,316 in inspection fees, registration fees, and late payment penalties.

Inspection and Sampling

Tables 1, 2 and 3 list the number of official samples obtained by field inspectors of feed ingredients, complete feeds and supplements/premixes, and specialty feeds, respectively, the past five years. Pet foods made up more than one third of the samples collected in 2014. The majority of these samples were complete foods for dogs and cats. With more pet treats in distribution in Kentucky, inspectors are also sampling more of these products.

In addition to the official samples reported, our lab also analyzed an additional 50 unofficial samples. The samples include ingredients and products submitted to our lab by county extension agents, the UK Veterinary Diagnostic Laboratory, livestock producers, and consumers.

Table 1. Number of feed ingredients sampled.

Type	2014	2013	2012	2011	2010
Alfalfa Products	2	0	1	2	2
Animal Products	23	21	22	28	33
Barley Products	2	3	2	1	6
Corn Products	146	111	193	119	161
Cottonseed Products	8	8	11	5	10
Distillers Products	54	80	74	88	63
Mineral Ingredients	17	18	7	14	20
Molasses Products	1	1	3	2	3
Oat Products	7	3	9	3	6
Rice Products	6	2	3	7	8
Soybean Products	133	160	176	143	154
Wheat Products	17	12	11	15	9
Other	16	11	3	1	2
Total	432	430	515	428	477

Table 2. Number of complete feeds and supplements/premixes sampled.

Species/Type	2014	2013	2012	2011	2010
Poultry	184	157	102	148	128
Beef	312	320	297	257	237
Dairy	49	55	49	50	48
Swine	109	134	110	104	115
Sheep	22	5	18	6	9
Rabbit	32	23	21	22	24
Calf	50	63	55	39	35
Horse	154	187	147	206	188
Goat	51	40	31	30	35
Scratch & Gamebird	50	36	49	37	39
Fish Food	5	15	12	8	9
Custom Mix	54	70	51	39	72
Liquid	0	1	0	2	1
Blocks	42	27	5	27	11
Minerals	255	201	137	154	162
Drugs	13	41	38	26	13
Vitamins	3	3	2	4	4
Microbials	3	3	0	2	1
Other	144	200	179	126	138
Total	1532	1581	1303	1287	1269

Table 3. Number of specialty feeds sampled.

Type	2014	2013	2012	2011	2010
Dry Dog Food	235	217	195	199	147
Soft-Moist Dog Foods	0	2	2	1	1
Canned Dog Foods	154	201	203	176	150
Dry Cat Foods	110	84	85	92	47
Canned Cat Foods	107	158	136	157	106
Specialty Dog & Cat Products	323	207	135	147	135
Specialty Pet Products	20	28	20	9	20
Aquarium Fish Foods	32	22	17	17	26
Specialty Bird Feeds	22	20	11	25	10
Specialty Horse Feeds	48	22	29	27	39
Total	1051	961	833	850	681

Table 4. Number of official feed analyses reported.

	Analysis	2014	2013	2012	2011	2010
Proximate	Crude Protein	2741	2694	2459	2356	2148
	NPN Equivalent Protein (urea)	67	13	74	73	98
	Lysine	0	0	0	0	1
	Crude Fat	287	482	803	470	318
	Acid Hydrolysis Fat	746	666	664	463	379
	Crude Fiber	944	1032	588	1015	866
	Acid Detergent Fiber	4	55	147	142	162
	Sugar, Invert	0	1	1	0	0
	Ash	4	124	78	64	44
	Moisture	326	794	229	45	67
Minerals	Aluminum	0	0	2	0	0
	Calcium	2114	2167	1945	1961	1694
	Cobalt	143	163	238	149	153
	Copper	1261	1242	1341	1264	855
	Fluorine	0	0	0	0	2
	Iodine	0	0	0	2	0
	Iron	765	680	794	703	345
	Magnesium	969	933	875	888	705
	Manganese	920	856	946	862	486
	Molybdenum	2	8	19	14	15
	Phosphorus	2050	2099	1882	1935	1671
	Potassium	1288	1308	1208	1140	940
	Salt	997	1034	882	864	840
	Selenium	253	320	198	225	243
	Sodium	787	687	606	654	427
Sulfur	0	1	4	1	0	
Zinc	1334	1319	1323	1287	928	
Vitamins	Vitamin A	342	296	262	335	342
	Vitamin D	0	4	1	0	3
	Vitamin E	0	8	2	0	0
Drugs	Amprolium	16	20	16	20	18
	Apramycin	1	0	0	1	0
	Bacitracin	11	14	6	11	3
	Carbadox	3	5	10	13	2
	Chlortetracycline	79	111	85	86	85
	Decoquinat	19	27	26	15	17
	Fenbendazole	0	1	0	0	0
	Lasolcid	60	65	58	33	47
	Lincomycin	1	1	1	0	2
	Melengestrol Aceate	0	2	0	0	0
	Monensin	99	96	62	55	61
	Oxytetracycline	10	9	10	4	6
	Sulfamethazine	0	10	1	0	0
	Tylosin	5	10	21	7	10
	Virginiamycin	0	0	14	0	0
Mycotoxins	Aflatoxin	25	48	347	171	349
	Fumonisin	22	31	196	135	304
	Ochratoxin	0	21	211	49	107
	T-2-Toxin	0	0	0	0	0
	Vomitoxin	15	21	211	49	107
	Zearalenone	0	0	0	0	0
Other	L. Acidophilus Bacteria	0	1	0	1	0
	Lactic Acid Bacteria	3	0	1	0	0
	Yeast Count	0	0	0	0	0
	Microscopy	8	10	23	21	28
	Net Weight	952	344	358	244	418
Total		19,673	19,833	19,228	17,827	15,296

Analysis and Product Suitability

Analysis of nutrients and other components in feed samples taken by field inspectors are provided by the feed laboratory. The laboratory data is used to evaluate suitability of product labeling, feed quality, and absence of any contaminants or deleterious substances. Table 4 reports the number of various feed analyses conducted on samples during 2014.

Tonnage Distribution

Table 5 summarizes the tons of ingredients distributed during the last three years. The term “exempt” represents ingredients sold to other feed manufacturers in Kentucky who pay the inspection fees. “Non-exempt” represents ingredients in which the reporting firm pays the inspection fee. Table 6 reports the tons of complete feeds and supplements/premixes distributed during the last three years.

Table 5. Reported tons of ingredients distributed.

Ingredient	Exempt			Non-Exempt		
	2014	2013	2012	2014	2013	2012
Alfalfa Products	1,072	1,243	1,316	16,802	6,905	6,756
Animal Product	23,179	25,405	23,895	20,312	64,904	60,091
Barley Products	1,030	89	66	1,714	1,576	790
Beet Products	1,496	3,420	5,768	1,105	872	2,554
Brewers Dried Products	5,042	3,166	69	4,430	292	1,683
Brewers Wet Grains	0	0	0	12,520	18,427	8,766
Citrus Products	391	261	705	1,858	4,812	2,416
Corn Products	120,338	118,278	94,142	135,459	126,140	108,684
Cottonseed Products	1,148	2,225	9,357	6,157	10,090	10,836
Distillers Dried Grain	106,755	77,220	10,814	168,635	157,602	207,733
Distillers Stillage	0	0	0	222,723	257,153	162,127
Drugs	7	5	88	704	552	375
Fats & Oils	13,378	12,472	13,070	2,490	5,810	4,348
Grain Sorghum	0	0	4	187	286	198
Linseed & Flax	20	23	11	407	273	403
Marine Products	21	19	22	319	2,851	1,249
Milk Products	1,099	1,421	1,507	470	899	2,583
Minerals	34,987	29,735	19,226	59,330	53,248	57,868
Molasses Products	24,050	18,543	22,958	10,807	5,416	9,615
Oat Products	2,721	2,248	3,786	2,904	3,973	2,538
Peanut Products	6,172	10,134	3,009	350	6,396	2,056
Rice Products	6,378	14,047	15,736	17,170	8,841	11,021
Rye	0	42	0	2	76	0
Soybean Products	175,593	168,283	171,019	459,141	453,812	533,834
Urea & Other NPN	457	1,723	599	6,811	4,865	12,845
Vitamins	51	24	447	2,870	2,868	2,840
Wheat Products	61,610	49,538	56,863	10,069	31,795	36,116
Whey (Liquid)	0	0	0	5,802	6,729	6,387
Grain Sold & Mixed	0	0	0	95,712	77,733	85,445
Other	17,376	12,574	9,493	62,292	42,138	44,921
Total	604,372	552,142	463,970	1,329,551	1,357,333	1,387,078

Table 6. Reported tons of complete feeds and supplements/premixes distributed.

Type	Complete			Supplement/Premix		
	2014	2013	2012	2014	2013	2012
Chicken Starter Grower	9,875	8,992	6,991	717	409	441
Chicken Broiler	13,671	11,053	6,836	147	106	55
Chicken Layer Breeder	39,055	32,871	30,345	1,039	971	1,125
Turkey	511	436	691	46	499	7
Beef	211,348	206,738	200,670	38,181	36,180	36,106
Dairy	90,263	101,430	107,473	22,688	22,591	29,120
Swine	8,033	7,049	6,311	3,044	3,141	3,650
Sheep	7,488	11,423	6,632	314	321	411
Calf	10,335	8,167	7,809	0	0	0
Horse	89,401	86,441	82,177	0	0	0
Pet Food	226,241	216,091	217,984	0	0	0
Fish	1,923	1,703	1,935	0	0	0
Rabbit	4,272	3,506	3,705	0	0	0
Scratch Feed	3,248	3,513	3,744	0	0	0
Custom Mix	197,002	162,028	183,019	0	0	0
Other	34,860	42,138	43,830	0	0	0
Dried Molasses	0	0	0	22	31	28
Drug Premixes	0	0	0	1,486	958	629
Liquid	0	0	0	2,255	3,898	3,438
Microbial Products	0	0	0	33	177	156
Minerals	0	0	0	32,276	27,151	15,938
Vitamin Premix	0	0	0	3,911	2,653	2,116
Total	947,525	903,580	910,152	106,160	99,086	93,220

Analytical Variations

Regulatory officials use analytical variations (AVs) as a guide for issuing any type of violation of the label guarantee. The total variation surrounding an analytical analysis of a feed product and comparing it to a label consists of (1) variation associated with the formulation and mixing in producing a feed, (2) variation of particle sizes in feed ingredients, (3) potential ingredient settling during transport, (4) variation associated with sampling, (5) variation associated with mixing and grinding samples, and (6) variation during analysis in the laboratory. Most variations associated with sampling, mixing, grinding, and analysis in the laboratory are known as a result of many years of study to arrive at official methods. The AVs listed below allow for the inherent variability in sources that follow the official methods, with more weight given to the areas of analytical variation. The laboratory reported value of an ana-

lyte in a sample is reviewed with respect to the guarantee using the AVs below as a guide.

Note that the AVs listed for minerals do not apply to cat and dog complete foods formulated to meet AAFCO requirements. These complete pet foods must meet AAFCO pet food profiles. All profiles have minimum mineral requirements and some have maximums as well. In this situation, the tolerances are national standards set by AAFCO but these are further adjusted by the lab to include sample variation. Current tolerances used in our lab were established in 2008.

Beginning in September 2015, we will make some adjustments to our current tolerances for complete cat and dog foods. With the implementation of a new lab software system, we will be able to set the tolerances of each product based on label moisture guarantees. Current AAFCO AVs will then be applied the profile ranges, allowing for a more equitable eval-

Table 7. Analytical variations for commercial feed samples.

Analyte	Lower AV	Upper AV	Analyte	Lower AV	Upper AV
Crude Protein	-3%	50%	Zinc	-40%	200%
NPN Equiv. Protein	-50%	20%	Vitamin A	-30%	200%
Crude Fat	-20%	+5 units	Ash		5%
Acid Hydrolysis Fat	-20%	+5 units	Moisture		12%
Crude Fiber	-60%	15%	Amprolium	-40%	20%
Acid Detergent Fiber	-60%	15%	Apramycin	-20%	20%
Calcium	-15%	+2 units	Bacitracin	-40%	40%
Phosphorus	-15%	+2 units	Carbadox	-20%	20%
Salt	-40%	40%	Chlortetracycline	-30%	30%
Sodium	-30%	130%	Decoquinatate	-20%	20%
Magnesium	-40%	200%	Lasalocid	-25%	25%
Potassium	-30%	200%	Lincomycin	-25%	35%
Sulfur	-30%	30%	Monensin, Sodium	-30%	30%
Cobalt	-40%	200%	Oxytetracycline	-30%	30%
Copper	-40%	200%	Penicillin	-35%	35%
Iron	-40%	200%	Sulfamethazine	-20%	20%
Manganese	-40%	200%	Tylosin	-30%	30%
Molybdenum	-40%	100%	Virginiamycin	-40%	40%
Selenium	-40%	40%			

uation of the mineral content of cat and dog foods. The current system allows a wider tolerance for mineral content of wet foods than dry foods, and this will be corrected. Based on historical data, the largest impact of this change will be more violations in wet dog food for excessive calcium and phosphorus. These changes have very minimal effects on dry dog and cat foods and will not affect livestock feed or ingredients. Though the changes in mineral tolerances will need to coincide with our new lab software, we will not issue violations based on these new tolerances until January 1, 2016.

Sample Violation Report

The sample violation report for 2014 includes 3,000 official samples from 520 different manufacturers or guarantors. Overall 76 percent of samples passed (no violations on any analytes) while 95 percent of all analytes met their label guarantees. When label violations are found, manufacturers or guarantors are requested to investigate and report their findings to the feed director. When violations have the potential to harm animals or consumers, our office has the authority to withdraw the product from distribution until the problem is corrected.

Report of Official Feed Samples Analyzed—2014

Business Name	Samples			Tests			Samole Violations
	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
AC NUTRITION, WINTERS, TX	1	1	100%	7	7	100%	None
ADAIRVILLE FEED MILL, ADAIRVILLE, KY	9	7	78%	35	33	94%	C Protein (1) Salt (1)
ADAIRVILLE FEED MILL #2, ADAIRVILLE, KY	9	6	67%	37	34	92%	C Protein (3)
ADISSEO USA INC, ALPHARETTA, GA	2	2	100%	2	2	100%	None
ADM (SOY PROCESSING), FRANKFORT, IN	1	1	100%	2	2	100%	None
ADM ALLIANCE NUTRITION INC, QUINCY, IL	19	16	84%	138	134	97%	C Protein (1) NPN (1) C Fiber (1) Vit A (1)
ADM CORN PROCESSING, DECATUR, IL	6	6	100%	11	11	100%	None
ADM MILLING, OVERLAND PARK, KS	1	1	100%	2	2	100%	None
AGAINST THE GRAIN, WHEELING, IL	5	1	20%	62	45	73%	Ca (3) P (4) K (2) Na (2) Cu (2) Mn (1) Fe (1) Zn (2)
AGRIPHARM PRODUCTS, WESTLAKE, TX	1	1	100%	3	3	100%	None
AGWAY FEED & NUTRITION, MINNEAPOLIS, MN	1	1	100%	9	9	100%	None
AHC PRODUCTS INC, WINCHESTER, KY	2	1	50%	4	2	50%	Ca (1) P (1)
AINSWORTH PET NUTRITION, MEADVILLE, PA	5	4	80%	59	58	98%	Ca (1)
ALDI INC, BATAVIA, IL	10	9	90%	123	121	98%	Ca (1) P (1)
ALFA-PET INC., ST LOUIS, MO	2	2	100%	5	5	100%	None
ALLEN COUNTY FARMERS SERVICE, INC., SCOTTSVILLE, KY	2	1	50%	9	8	89%	K (1)
ALLTECH INC, NICHOLASVILLE, KY	1	1	100%	2	2	100%	None
ALPHARMA LLC, MADISON, NJ	3	3	100%	3	3	100%	None
AMPRO PRODUCTS INC, GAINESVILLE, GA	3	2	67%	8	7	88%	Fat (1)
ANDERSON COUNTY FARM SERVICE, INC., LAWRENCEBURG, KY	1	1	100%	6	6	100%	None
ANTLER EXTREME, JACKSON, MO	2	0	0%	8	3	38%	C Protein (2) Salt (2) P (1)
ANTLER KING TROPHY PRODUCTS, INC., BLACK RIVER FALLS, WI	2	1	50%	13	11	85%	Ca (1) Se (1)
AQUARIUM PHARMACEUTICALS, CHALFONT, PA	1	1	100%	8	8	100%	None
ARCHER DANIEL MIDLAND CO, DECATUR, IL	1	1	100%	2	2	100%	None
ARCTIC PAWS, ANCHORAGE, AK	2	0	0%	4	2	50%	C Protein (2)
ARK NATURALS, NAPLES, FL	1	1	100%	2	2	100%	None
ARMADA GRAIN CO, ARMADA, MI	1	0	0%	11	10	91%	Na (1)
ARNOLD FEED & SEED, CAMPBELLSVILLE, KY	1	0	0%	6	5	83%	C Protein (1)
ARTHRO DYNAMIC TECHNOLOGIES, LEXINGTON, KY	1	1	100%	2	2	100%	None
ARTHUR DOGSWELL LLC, LOS ANGELES, CA	9	5	56%	106	100	94%	Ca (2) P (2) Na (2)
ARTHUR PET PRODUCTS, SALISBURY, MD	1	1	100%	2	2	100%	None
ASHLAND MILLING COMPANY, INC., ASHLAND, KY	4	3	75%	19	18	95%	C Protein (1)
ASSOC WHOLE GROC, KANSAS CITY, KS	12	10	83%	144	142	99%	AH Fat (2)
AUTHORITY PET FOOD CO, PHOENIX, AZ	10	7	70%	105	102	97%	C Protein (1) Vit A (2)
BAGDAD ROLLER MILLS, INC., BAGDAD, KY	25	24	96%	105	104	99%	Cu (1)
BAG-R-BUCK, GOODLETTSVILLE, TN	1	0	0%	6	5	83%	Zn (1)

Report of Official Feed Samples Analyzed—2014

Business Name	Samples			Tests			Samole Violations
	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
BAKERY FEEDS INC, COLD SPRINGS, KY	8	6	75%	19	17	89%	C Protein (1) Fat (1)
BARDSTOWN MILLS, INC., BARDSTOWN, KY	7	1	14%	61	52	85%	C Protein (1) AH Fat (1) C Fiber (1) Ca (1) K (2) Salt (3)
BARTON BRANDS, LTD., BARDSTOWN, KY	5	3	60%	15	12	80%	C Protein (2) C Fiber (1)
BCCH LLC, MAUMELLE, AR	1	1	100%	3	3	100%	None
BEARS BONE BAKERY, EVANSVILLE, IN	1	1	100%	3	3	100%	None
BELL ROCK GROWER INC, SAN MARCOS, CA	5	3	60%	15	12	80%	C Protein (2) AH Fat (1)
BERGAN LLC, MONKEY ISLAND, OK	1	1	100%	3	3	100%	None
BETSY FARMS, EAGLE, ID	1	1	100%	2	2	100%	None
BI COUNTY FARM BUREAU COOP, INC., FLORENCE, KY	1	1	100%	5	5	100%	None
BIG & J INDUSTRIES INC, GRAND ISLAND, NE	6	6	100%	29	29	100%	None
BIG BARN FARM STORE, GARRISON, KY	4	1	25%	19	13	68%	C Protein (1) C Fiber (1) Ca (1) K (1) Salt (2)
BIG GAME BUTTER LLC, PINE MOUNTAIN, GA	3	3	100%	6	6	100%	None
BIG HEART PET BRANDS/DEL MONTE, PITTSBURGH, PA	22	22	100%	189	189	100%	None
BIO BISCUIT INC, ST HYACINTHE, QC	2	2	100%	4	4	100%	None
BIOZYME INCORPORATED, ST JOSEPH, MO	4	2	50%	44	41	93%	Mn (1) Mg (1) Vit A (1)
BIRDOLA PRODUCTS, BLACKSBURG, VA	1	0	0%	4	3	75%	AH Fat (1)
BIXBI PET, BOULDER, CO	2	0	0%	4	2	50%	C Protein (2)
BLACK GOLD PET FOODS INC, VIENNA, MO	2	1	50%	24	23	96%	Ca (1)
BLUE BUFFALO CO LTD, WILTON, CT	22	19	86%	230	227	99%	AH Fat (2) Ca (1)
BLUE DOG BAKERY, SEATTLE, WA	2	2	100%	4	4	100%	None
BLUE RIDGE NATURALS, MURPHY, NC	4	2	50%	11	9	82%	C Protein (1) Moisture (1)
BLUEGRASS AG DISTRIBUTORS, INC., LANCASTER, KY	6	6	100%	23	23	100%	None
BLUEGRASS FARM SUPPLY, MARION, KY	13	8	62%	75	69	92%	C Protein (1) C Fiber (1) P (1) Salt (1) Zn (2)
BLUEGRASS FEED & SUPPLY LLC, HUSTONVILLE, KY	3	0	0%	18	11	61%	C Protein (1) C Fiber (2) Ca (1) K (1) CTC (2)
BLUEGRASS SEED & FERTILIZER, INC., BARDSTOWN, KY	9	8	89%	25	24	96%	C Protein (1)
BOEHRINGER-INGELHEIM VETMEDICA, ST. JOSEPH, MO	1	1	100%	10	10	100%	None
BOWLIN FEED INC, ALBANY, KY	3	2	67%	21	19	90%	Mg (1) Vit A (1)
BREEDERS CHOICE PET FOODS INC, IRWINDALE, CA	7	7	100%	82	82	100%	None
BRODHEAD FARM MART, BRODHEAD, KY	4	0	0%	19	12	63%	C Protein (4) Ca (1) P (1) Salt (1)

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	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
BROOKSVILLE FARM SUPPLY, BROOKSVILLE, KY	10	3	30%	47	34	72%	C Protein (1) Ca (5) P (4) Salt (1) Zn (2)
BROWN & FORMAN DISTILLERY, LOUISVILLE, KY	1	1	100%	3	3	100%	None
BUCK BOMB, CROFTON, MD	1	1	100%	4	4	100%	None
BUCKEYE NUTRITION, DALTON, OH	2	2	100%	12	12	100%	None
BUCKLEY PET, BOULDER, CO	1	0	0%	2	1	50%	C Protein (1)
BUCKWHEATZ	2	2	100%	15	15	100%	None
BUDDY'S KITCHEN, AURORA, ON	2	1	50%	4	3	75%	C Protein (1)
BUFFALO TRACE DISTILLERY INC, FRANKFORT, KY	3	3	100%	9	9	100%	None
BUNGE NA (EAST) LLC, MORRISTOWN, IN	1	1	100%	2	2	100%	None
BUNGE NA INC, CAIRO, IL	28	19	68%	48	39	81%	C Protein (1) C Fiber (8)
BURKMANN FEEDS, BOWLING GREEN, KY	12	8	67%	36	32	89%	C Protein (3) Ca (1)
BURKMANN FEEDS, DANVILLE, KY	100	84	84%	627	606	97%	C Protein (1) C Fiber (1) Ca (2) K (1) Mg (3) Se (2) Vit A (7) Lasalocid (2) Monensin (1) Fe (1)
BURKMANN FEEDS, EDMONTON, KY	11	8	73%	73	68	93%	C Protein (2) P (1) Cu (1) Monensin (1)
BURKMANN FEEDS, GLASGOW, KY	48	44	92%	149	144	97%	C Fiber (1) Ca (1) Vit A (1) Lasalocid (2)
BURKMANN FEEDS, HARNED, KY	6	2	33%	31	26	84%	C Protein (2) Salt (1) Cu (2)
BURKMANN FEEDS, LONDON, KY	7	7	100%	30	30	100%	None
BUSCH AGRICULTURAL RESOURCES, JONESBORO, AR	3	3	100%	6	6	100%	None
BY PRODUCT FEED BLENDERS, LEBANON, KY	2	2	100%	6	6	100%	None
C & F SUPPLY INC, HISEVILLE, KY	2	1	50%	18	17	94%	Mg (1)
C & S PRODUCTS CO INC, FORT DODGE, IA	1	1	100%	4	4	100%	None
C3 FEED & FARM LLC, BOWLING GREEN, KY	4	3	75%	18	17	94%	C Protein (1)
CALHOUN FEED SERVICE LLC, MADISONVILLE, KY	5	3	60%	21	18	86%	C Protein (1) C Fiber (1) Cu (1)
CALHOUNS FARM & PET, MADISONVILLE, KY	1	0	0%	3	2	67%	AH Fat (1)
CALLIHAN FEEDS, ARGILLITE, KY	2	2	100%	7	7	100%	None
CAN AM PET TREATS INC, VERNON, BC	1	1	100%	3	3	100%	None
CANEYVILLE MILLING COMPANY, CANEYVILLE, KY	49	42	86%	138	131	95%	C Protein (1) Ca (3) Salt (2) Zn (1)
CANIDAE CORPORATION, NORCO, CA	17	12	71%	190	184	97%	C Protein (2) AH Fat (2) Ca (1) Mn (1)

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CARDINAL LABORATORIES INC, AZUSA, CA	7	5	71%	34	31	91%	AH Fat (1) Ca (1) P (1)
CARGILL ANIMAL NUTRITION, MINNEAPOLIS, MN	25	17	68%	171	160	94%	C Protein (2) NPN (1) Ca (3) P (1) K (1) Cu (1) Vit A (2)
CARGILL DRY CORN INGREDIENTS, PARIS, IL	4	3	75%	10	9	90%	Fat (1)
CARGILL INCORPORATED, MINNEAPOLIS, MN	8	8	100%	20	20	100%	None
CAROLINA PRIME PET, LENOIR, NC	2	2	100%	4	4	100%	None
CASTOR & POLLUX PET WORKS, AMARILLO, TX	12	7	58%	128	121	95%	C Protein (3) AH Fat (2) P (1) Zn (1)
CAUDILL SEED, LOUISVILLE, KY	1	0	0%	11	8	73%	C Protein (1) P (1) Salt (1)
CENTRAL FARM & GARDEN, WOOSTER, OH	1	1	100%	3	3	100%	None
CENTRAL FARM SUPPLY OF KY, INC., LOUISVILLE, KY	14	9	64%	57	51	89%	C Protein (5) Ca (1)
CENTRAL FARMERS SUPPLY, INC., GREENSBURG, KY	13	11	85%	61	59	97%	C Protein (1) Se (1)
CENTRAL GARDEN & PET COMPANY, IRWINDALE, CA	1	1	100%	12	12	100%	None
CHAFFHAYE INC., PELL CITY, TX	1	1	100%	4	4	100%	None
CHAMPION PETFOODS LP, EDMONTON, AB	4	2	50%	48	46	96%	C Protein (1) AH Fat (1)
CHAMPS SUPPLEMENTS, ITHACA, MI	1	0	0%	10	8	80%	Salt (1) Se (1)
CHARLEE BEAR FARMS INC, ST FRANCIS, WI	2	2	100%	4	4	100%	None
CHICKEN SOUP/PET LOVER'S SOUL, COS COB, CT	2	2	100%	23	23	100%	None
CHS INC, INVER GROVE HEIGHTS, MN	1	1	100%	3	3	100%	None
CLARK'S GROCERY FEED & SEED, ROCKHOLDS, KY	1	0	0%	5	2	40%	P (1) Salt (1) Zn (1)
CLEMENTS AG SUPPLY, SPRINGFIELD, KY	6	2	33%	32	26	81%	C Protein (3) K (3)
CLOUD STAR, SAN LUIS OBISPO, CA	2	2	100%	5	5	100%	None
COBALT INTERNATIONAL, ROCK HILL, SC	2	1	50%	6	5	83%	Fat (1)
COMMONWEALTH AGRI-SOLUTIONS, LLC, HOPKINSVILLE, KY	7	7	100%	22	22	100%	None
COMPASS MINERALS AMERICA, OVERLAND PARK, KS	1	0	0%	8	7	88%	Mn (1)
CONSOLIDATED GRAIN & BARGE, MT VERNON, IN	23	23	100%	38	38	100%	None
COREY NUTRITION CO INC, FREDERICTON, NB	1	1	100%	11	11	100%	None
COUNTRY ACRES FEED CO INC, BRENTWOOD, MO	11	8	73%	59	56	95%	C Protein (1) Zn (1) BMD (1)
COUNTRYSIDE ORGANICS, WAYNESBORO, VA	1	1	100%	5	5	100%	None
COX VETERINARY LABORATORY, CHESTER, SC	1	0	0%	5	3	60%	Mg (1) K (1)

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CPC COMMODITIES, LLC, FOUNTAIN RUN, KY	74	50	68%	389	361	93%	C Protein (8) NPN (1) C Fiber (2) Ca (3) Na (2) Salt (4) Cu (3) Vit A (1) Monensin (4)
CREEKSIDE FARMS LLC, MONTGOMERY, IN	1	0	0%	3	2	67%	C Fiber (1)
CUB RUN MILLING COMPANY, CUB RUN, KY	1	1	100%	1	1	100%	None
CUSTOM FEED MILL LLC, MORGANFIELD, KY	17	12	71%	134	126	94%	C Protein (2) Ca (1) P (1) Mg (1) Cu (1) Se (2)
D & D COMMODITIES, STEPHEN, MN	1	1	100%	2	2	100%	None
DAD'S PET CARE INC., MEADVILLE, PA	4	4	100%	38	38	100%	None
DARLING INTERNATIONAL INC., IRVING, TX	3	3	100%	12	12	100%	None
DAY & DAY FEED MILL, COLUMBIA, KY	5	5	100%	30	30	100%	None
DAYBREAK OUTDOORS LLC, DEXTER, KY	1	0	0%	9	8	89%	Fe (1)
DEER CRACK LLC, HARTLAND, MI	2	2	100%	12	12	100%	None
DELCA CORP, LAGUNA NIGUEL, CA	4	4	100%	10	10	100%	None
DESIGNING HEALTH INC, VALENCIA, CA	1	1	100%	3	3	100%	None
DIAMOND PET FOODS CO, META, MO	8	5	63%	96	93	97%	C Protein (1) AH Fat (1) Ca (1)
DIAMOND V, CEDAR RAPIDS, IA	1	1	100%	2	2	100%	None
DICK VAN PATTEN'S, BURBANK, CA	12	12	100%	139	139	100%	None
DIGGIN YOUR DOG, RENO, NV	2	2	100%	4	4	100%	None
DINOVITE INC, CRITTENDEN, KY	2	1	50%	8	7	88%	AH Fat (1)
DIRECT ACTION CO INC, DOVER, OH	1	1	100%	6	6	100%	None
DOGCHEWZ, NEW YORK, NY	1	1	100%	2	2	100%	None
DOLGENCORP LLC, GOODLETTSVILLE, TN	9	8	89%	111	110	99%	Mn (1)
DR HARVEY'S, ATLANTIC HIGHLANDS, NJ	1	1	100%	3	3	100%	None
DURVET INC, BLUE SPRINGS, MO	6	5	83%	20	19	95%	K (1)
DZA BRANDS LLC, SALISBURY, NC	14	11	79%	169	166	98%	AH Fat (1) Mg (1) Mn (1)
EARTH ANIMAL, WESTPORT, CT	1	0	0%	2	1	50%	C Protein (1)
EQUIVISION INC, VERSAILLES, KY	1	1	100%	6	6	100%	None
ETTA SAYS LLC, MARYLAND HEIGHTS, MO	1	0	0%	3	2	67%	AH Fat (1)
EVANGERS DOG & CAT FOOD CO INC, WHEELING, IL	10	1	10%	88	66	75%	C Protein (1) Fat (1) AH Fat (6) Ca (6) P (6) Cu (2)
EVOLVED HABITATS, NEW ROADS, LA	5	2	40%	42	37	88%	Cu (1) Mn (2) Fe (1) Zn (1)
EXCLUSIVELY PET INC, MILWAUKEE, WI	5	5	100%	13	13	100%	None
F M BROWNS SONS INC, SINKING SPRING, PA	2	1	50%	9	8	89%	Fat (1)
FAITHWAY FEED CO INC, GUNTERSVILLE, AL	2	2	100%	24	24	100%	None

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FAMILY DOLLAR SERVICES, CHARLOTTE, NC	7	5	71%	84	81	96%	Fat (1) Na (1) Zn (1)
FARMER'S CHOICE FEED MILL, KIRKSEY, KY	2	2	100%	9	9	100%	None
FARMERS FEED MILL, LEXINGTON, KY	10	7	70%	61	58	95%	P (1) Salt (1) Vit A (1)
FARNAM CO - HORSE PRODUCTS DIVISION, PHOENIX, AZ	1	1	100%	4	4	100%	None
FEED PRODUCTS & SERVICE CO, ST LOUIS, MO	2	2	100%	3	3	100%	None
FEED SOLUTIONS, ST LOUIS, MO	4	3	75%	28	27	96%	C Protein (1)
FEEDERS SUPPLY COMPANY, LOUISVILLE, KY	1	1	100%	3	3	100%	None
FERTRELL CO, BAINBRIDGE, PA	1	1	100%	5	5	100%	None
FIDO'S COOKIE CO LLC, DENVER, CO	2	2	100%	5	5	100%	None
FINISH LINE HORSE PRODUCTS, BENSENVILLE, IL	3	2	67%	22	21	95%	Ca (1)
FIVE STAR FEED SERVICE, HOPKINSVILLE, KY	23	15	65%	157	145	92%	C Protein (1) Ca (1) P (1) Salt (3) Se (1) Zn (1) Vit A (4)
FLOPPERS PET TREAT BAKERY, LOGANSPOUT, IN	1	1	100%	2	2	100%	None
FLUKER FARMS INC, PORT ALLEN, LA	3	1	33%	9	7	78%	C Protein (1) P (1)
FORMAX FEEDS, DANVILLE, KY	24	22	92%	158	156	99%	C Protein (1) Ca (1)
FRANK HINTON & SON, PLUMMERS LANDING, KY	18	13	72%	118	112	95%	C Protein (3) C Fiber (1) Ca (1) Salt (1)
FREDS INC, MEMPHIS, TN	11	9	82%	122	120	98%	AH Fat (1) Mg (1)
FREEDOM HEALTH LLC, AURORA, OH	1	1	100%	3	3	100%	None
FRESH PET, SECAUCUS, NJ	2	2	100%	25	25	100%	None
FRESH START GROWER SUPPLY, LOUISVILLE, KY	1	1	100%	7	7	100%	None
FROMM FAMILY FOODS LLC, MEQUON, WI	5	3	60%	61	57	93%	C Protein (2) AH Fat (2)
GATLIN FEED, BOGUE CHITTO, MS	1	1	100%	2	2	100%	None
GENERAL NUTRITION COMPANY, PITTSBURGH, PA	6	4	67%	38	36	95%	Mn (1) Se (1)
GERLACH FARM & FEED SUPPLY, WHEELERS BURG, OH	2	2	100%	9	9	100%	None
GHC MILLING COMPANY, FORDSVILLE, KY	13	10	77%	56	53	95%	P (2) Salt (1)
GILLIAM'S FARM SUPPLY, OLIVE HILL, KY	1	1	100%	5	5	100%	None
GOLDENROD FEEDS, LIBERTY, KY	7	6	86%	33	32	97%	Ca (1)
GRAIN PROCESSING CORP - INDIANA, WASHINGTON, IN	2	2	100%	4	4	100%	None
GRAINEA USA INC., RONKONKOMA, NY	2	2	100%	4	4	100%	None
GRANDMA LUCY'S, RANCHO SANTA MARGARITA, CA	2	2	100%	5	5	100%	None
GREEN PLAINS OBION, RIVES, TN	2	2	100%	7	7	100%	None
GREEN RIVER FEED MILL, INC., MORGANTOWN, KY	13	3	23%	55	33	60%	C Protein (5) Ca (5) P (7) Salt (2) Zn (3)
GREENBRIER INTERNATIONAL, CHESAPEAKE, VA	2	2	100%	24	24	100%	None
GREENLEAF COMMODITIES, DANVILLE, KY	3	2	67%	9	8	89%	Fat (1)

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GRIFFIN INDUSTRIES INC, COLD SPRINGS, KY	10	9	90%	32	30	94%	C Protein (1) Ca (1)
GRO-TEC INC, MODOC, IN	1	0	0%	1	0	0%	Ca (1)
GUTWEIN & CO INC, REYNOLDS, IN	1	0	0%	3	2	67%	AH Fat (1)
HALO-PURELY FOR PETS, TAMPA, FL	8	7	88%	89	88	99%	P (1)
HAMLET PROTEIN INC, FINDLAY, OH	1	1	100%	1	1	100%	None
HANBY FARMS FEED & SUPPLY, NASHPORT, OH	1	1	100%	4	4	100%	None
HANSEN MUELLER CO, SANDUSKY, OH	1	1	100%	1	1	100%	None
HAPPY HEN TREATS, BOERNE, TX	1	1	100%	1	1	100%	None
HARTZ MOUNTAIN CORPORATION, SECAUCUS, NJ	3	3	100%	10	10	100%	None
HEALTHY COAT, GIBSON, IA	2	2	100%	2	2	100%	None
HEALTHY DOGMA, LAKE ORION, MI	2	2	100%	4	4	100%	None
HEALTHY ELEMENTS LLC, WILMINGTON, DE	2	2	100%	24	24	100%	None
HEALTHY PARTNER PET SNACKS LLC, IDAHO FALLS, IA	1	1	100%	3	3	100%	None
HEARTBREAK RIDGE FARM SUPPLY, LLC, CLAY CITY, KY	2	2	100%	12	12	100%	None
HEATH OUTDOOR PRODUCTS, BATAVIA, NY	1	1	100%	3	3	100%	None
HEINOLD FEED COMPANY LLC, KOUTS, IN	1	1	100%	5	5	100%	None
HERD GUARD, LANCASTER, KY	1	0	0%	11	10	91%	Fe (1)
HIKARI SALES USA INC., HAYWARD, CA	1	1	100%	2	2	100%	None
HILANDER FEED COMPANY, GEORGETOWN, KY	4	2	50%	15	10	67%	C Protein (1) P (1) Cu (2) Zn (1)
HILLS PET NUTRITION INC., TOPEKA, KS	11	11	100%	134	134	100%	None
HIMALAYAN CORPORATION, MUKILTEO, WA	2	0	0%	5	2	40%	C Protein (2) AH Fat (1)
HI-TEK RATIONS, DUBLIN, GA	3	2	67%	15	14	93%	AH Fat (1)
HOLISTIC BLEND, MISSISSAUGA, ON	1	0	0%	12	10	83%	Ca (1) P (1)
HOOVERS FEED MILL, SCOTTSVILLE, KY	7	6	86%	39	38	97%	Monensin (1)
HORIZON MFG INC., CALGARY, AB	2	2	100%	23	23	100%	None
HORSE HEALTH PRODUCTS, PHOENIX, AZ	2	2	100%	13	13	100%	None
HOUNDS & HORSES LLC, GEORGETOWN, KY	2	2	100%	5	5	100%	None
HOWE FARM SUPPLY, INC., VANCEBURG, KY	1	1	100%	5	5	100%	None
HT PET PRODUCTS, EL PASO, TX	1	1	100%	2	2	100%	None
HUBBARD FEEDS INC, MANKATO, MN	46	33	72%	331	314	95%	C Protein (2) P (1) Mg (1) Salt (3) Cu (2) Fe (1) Se (3) Zn (2) Vit A (2)
HUNTER'S SPECIALTIES, INC., CEDAR RAPIDS, IA	1	1	100%	7	7	100%	None
HURON COMMODITIES, CLINTON, ON	1	1	100%	2	2	100%	None
HUTCHWAY FEED & SUPPLIES, NORTH MIDDLETOWN, KY	2	1	50%	9	8	89%	C Protein (1)
I AND LOVE AND YOU, BOULDER, CO	7	2	29%	80	73	91%	Ca (5) P (2)
IAMS FOOD COMPANY, MASON, OH	20	20	100%	230	230	100%	None
I'M A LITTLE TEACUP CORP, SUNRISE, FL	1	1	100%	2	2	100%	None
IMS PET INDUSTRIES, WOOD RIDGE, NJ	9	9	100%	21	21	100%	None

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INTEGRITY FEEDS LLC, OWENSBORO, KY	35	20	57%	224	196	88%	C Protein (5) NPN (1) C Fiber (1) Ca (1) P (2) Mg (1) Salt (5) Cu (1) Mn (2) Se (3) Zn (4) Vit A (1) Amprolium (1)
INTEGRITY FEEDS LLC, PARK CITY, KY	1	0	0%	5	4	80%	Zn (1)
INTER AMERICAN, CINCINNATI, OH	9	7	78%	43	41	95%	Fat (1) AH Fat (1)
INTERNATIONAL PET FOODS CO, MIAMI, FL	1	0	0%	11	9	82%	Ca (1) P (1)
INTL PET SUPPLIES/DISTRIBUTING, SAN DIEGO, CA	1	1	100%	2	2	100%	None
J & H FEED & TACK INC, PAINTSVILLE, KY	5	2	40%	24	18	75%	C Protein (3) Ca (1) P (1) Cu (1)
J & J FEED & SEED INC., EWING, VA	1	1	100%	2	2	100%	None
J & J OUTDOORS, GREENUP, KY	2	0	0%	14	12	86%	K (2)
JABETOWN MILL, EWING, KY	5	3	60%	30	28	93%	Cu (1) Monensin (1)
JACK'S PET, BEAVERCREEK, OH	5	4	80%	10	9	90%	C Protein (1)
JD'S FEED MILL, EWING, VA	1	1	100%	3	3	100%	None
JEFFRIES FEED, SEED & SUPPLY, CAMPBELLSVILLE, KY	1	1	100%	2	2	100%	None
JOY PET FOODS, PINCKNEYVILLE, IL	3	1	33%	34	31	91%	Ca (2) K (1)
JRB FOODS INC, SHARON CENTER, OH	1	1	100%	3	3	100%	None
JT ENTERPRISES, MYRA, KY	2	1	50%	10	8	80%	C Protein (1) P (1)
K9 GRANOLA FACTORY, THOMASVILLE, PA	3	1	33%	8	5	63%	C Protein (2) AH Fat (1)
KALMBACH FEEDS INC, UPPER SANDUSKY, OH	22	22	100%	136	136	100%	None
KASEL INDUSTRIES, DENVER, CO	1	0	0%	2	1	50%	C Protein (1)
KAYTEE PRODUCTS INC, CHILTON, WI	10	7	70%	31	28	90%	AH Fat (3)
KDR PET TREATS LLC, FRESNO, CA	1	0	0%	3	2	67%	Fat (1)
KELLY FOODS CORPORATION, MEDINA, OH	7	7	100%	70	70	100%	None
KEN'S VALUE CENTER, BERRY, KY	1	0	0%	2	0	0%	C Protein (1) C Fiber (1)
KENT NUTRITION GROUP INC, MUSCATINE, IA	11	8	73%	115	112	97%	C Protein (1) AH Fat (1) K (1)
KENTUCKY EQUINE RESEARCH INC, VERSAILLES, KY	1	0	0%	7	6	86%	C Fiber (1)
KENTUCKY NUTRITION SERVICE, LAWRENCEBURG, KY	9	7	78%	95	91	96%	Mg (1) K (1) Co (1) Vit A (1)
KENTUCKY PERFORMANCE PRODUCTS, VERSAILLES, KY	2	2	100%	10	10	100%	None
KER SPORT HORSE NUTRITION, VERSAILLES, KY	2	2	100%	14	14	100%	None
K-MART CORPORATION, HOFFMAN ESTATES, IL	16	8	50%	190	181	95%	AH Fat (3) Mg (3) K (2) Zn (1)

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	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
KONG COMPANY, GOLDEN, CO	2	1	50%	6	5	83%	Fat (1)
KRAMERS MILL INC, OWENSBORO, KY	1	1	100%	4	4	100%	None
KROGER, CINCINNATI, OH	19	18	95%	180	179	99%	AH Fat (1)
KY BUYING COOP INTL INC, LEXINGTON, KY	1	1	100%	7	7	100%	None
KYORIN CO LTD, , JAPAN	2	2	100%	5	5	100%	None
LAFEVER COMPANY, CORNELL, IL	2	2	100%	4	4	100%	None
LAKE CUMBERLAND FEED & FARM SUPPLY, LLC, RUSSELL SPRINGS, KY	5	4	80%	21	20	95%	Fat (1)
LAND O'LAKES PURINA FEED LLC, SHOREVIEW, MN	1	1	100%	8	8	100%	None
LEBANON SEABOARD CORPORATION, LEBANON, PA	1	1	100%	1	1	100%	None
LEO GABBARD, WEST HARRISON, IN	1	0	0%	11	9	82%	Ca (1) P (1)
LESTER STUTZMAN FEED MILL, MARION, KY	8	7	88%	34	33	97%	Salt (1)
LHOIST NORTH AMERICA OF TN INC, BRENTWOOD, TN	5	5	100%	5	5	100%	None
LIFE DATA LABS INC, CHEROKEE, AL	1	1	100%	8	8	100%	None
LINCOLNLAND AGRI-ENERGY, PALESTINE, IL	1	1	100%	4	4	100%	None
LOVING PETS PRODUCTS, CRANBURY, NJ	4	3	75%	9	8	89%	C Protein (1)
LOWES PELLETS & GRAIN INC, GREENSBURG, IN	5	5	100%	20	20	100%	None
LUTTRULL FEEDS, INC., PEMBROKE, KY	5	3	60%	32	27	84%	C Fiber (1) Salt (1) Cu (2) Lasalocid (1)
M & W MILLING COMPANY INC, COLUMBIA, KY	3	2	67%	15	13	87%	Salt (1) Zn (1)
MAD BUCK INNOVATIONS, WACO, TX	4	0	0%	36	28	78%	Ca (2) Co (2) Se (4)
MANNA PRO PRODUCTS, LLC, CHESTERFIELD, MO	26	20	77%	186	179	96%	C Protein (1) Na (1) Mn (1) Vit A (4)
MARS FISHCARE NORTH AMERICA INC, CHALFONT, PA	3	3	100%	8	8	100%	None
MARS PETCARE US INC, FRANKLIN, TN	20	20	100%	199	199	100%	None
MARSHALL PET PRODUCTS, WOLCOTT, NY	3	3	100%	9	9	100%	None
MARTIN MARIETTA MAGNESIA SPEC, NOTTINGHAM, MD	1	1	100%	1	1	100%	None
MAR-VO MINERAL CO INC, OSSEO, MI	3	3	100%	9	9	100%	None
MAX & RUFFYS, ROCKVILLE, MD	1	1	100%	3	3	100%	None
MAXIMUM DRAW PRODUCTS, LA CENTER, KY	1	0	0%	9	7	78%	Mg (1) Fe (1)
MAXIMUM PERFORMANCE INC, LOUISVILLE, KY	1	0	0%	10	9	90%	Fe (1)
MAYS LICK MILL, MAYS LICK, KY	6	6	100%	30	30	100%	None
MAZELIN FEED MILL, SCOTTSVILLE, KY	9	8	89%	47	46	98%	C Protein (1)
MCCAULEY BROS INC, VERSAILLES, KY	10	10	100%	64	64	100%	None
MCGAHAN FEED COMPANY, INC., PAINTSVILLE, KY	3	0	0%	16	12	75%	C Protein (1) Ca (1) P (1) Vit A (1)
MCRAY FEED, LLC, HARRRODSBURG, KY	26	21	81%	147	142	97%	C Protein (2) Salt (1) Zn (2)
MEIJER INC, GRAND RAPIDS, MI	15	14	93%	147	146	99%	Zn (1)
MENARD INC, EAU CLAIRE, WI	6	5	83%	36	35	97%	Fat (1)
MENIFEE COUNTY FARM SUPPLY, FRENCHBURG, KY	2	2	100%	8	8	100%	None
MENU FOODS, PENNSAUKEN, NJ	2	0	0%	25	23	92%	AH Fat (2)

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MERRICK PET CARE INC, AMARILLO, TX	17	12	71%	190	181	95%	C Protein (1) AH Fat (2) Ca (2) P (3) Cu (1)
MFS ALLIANCE, INC., EDMONTON, KY	9	7	78%	24	22	92%	C Protein (2)
MGPI OF INDIANA LLC, LAWRENCEBURG, IN	2	2	100%	6	6	100%	None
MID AMERICA PET FOOD LLC, MT PLEASANT, TX	1	1	100%	11	11	100%	None
MID-STATES DISTRIBUTING CO, ST. PAUL, MN	3	3	100%	12	12	100%	None
MIDWESTERN PET FOODS INC, EVANSVILLE, IN	18	13	72%	185	178	96%	Ca (3) P (1) Cu (2) Zn (1)
MIGHTY DEER LICK INC, POWERS, MI	1	0	0%	4	3	75%	Vit A (1)
MILK PRODUCTS, CHILTON, WI	2	2	100%	17	17	100%	None
MILK SPECIALTIES GLOBAL, EDEN PRAIRIE, MN	5	4	80%	28	27	96%	Vit A (1)
MILO'S KITCHEN LLC, PITTSBURGH, PA	2	1	50%	5	4	80%	AH Fat (1)
MIRACLE CORP PRODUCTS, DAYTON, OH	1	1	100%	3	3	100%	None
MISSISSIPPI LIME CO, ST LOUIS, MO	4	4	100%	4	4	100%	None
MOPNA INC., CORAL SPRINGS, FL	1	1	100%	2	2	100%	None
MOSAIC CROP NUTRITION LLC, LITHIA, FL	1	1	100%	2	2	100%	None
MOUNTAIN COUNTRY FOODS, OKEENE, OK	4	4	100%	9	9	100%	None
MOYER & SON INC, SOUDERTON, PA	2	1	50%	5	4	80%	Fat (1)
MR BUCKS GENUINELY GOOD, BLOOMFIELD, IN	2	0	0%	23	19	83%	C Protein (1) AH Fat (1) Ca (1) P (1)
MRS PASTURES COOKIES FOR HORSE, WALNUT CREEK, CA	2	2	100%	4	4	100%	None
MYERS FEED & FARM SUPPLY, CORINTH, KY	4	4	100%	18	18	100%	None
NATURA PET PRODUCTS, FREMONT, NE	6	6	100%	72	72	100%	None
NATURAL LIFE PET PRODUCTS, PITTSBURG, KS	1	1	100%	11	11	100%	None
NATURAL POLYMER INTL CORP, PLANO, TX	2	2	100%	4	4	100%	None
NATURAL WAY FEEDS LLC, CLARE, MI	1	1	100%	3	3	100%	None
NATURES ANIMALS INC, MAMARONECK, NY	7	7	100%	17	17	100%	None
NATURES LOGIC, LINCOLN, NE	2	1	50%	24	23	96%	C Protein (1)
NATURES RECIPÉ PET FOODS, PITTSBURGH, PA	16	15	94%	157	156	99%	C Protein (1)
NATURES VARIETY, LINCOLN, NE	1	1	100%	12	12	100%	None
NEOGEN CORP, LEXINGTON, KY	2	2	100%	11	11	100%	None
NESTLE PURINA PETCARE CO, ST LOUIS, MO	26	26	100%	255	255	100%	None
NEWMANS OWN ORGANICS, APTOS, CA	3	3	100%	27	27	100%	None
NOOTIE LLC, DELRAY BEACH, FL	2	2	100%	4	4	100%	None
NORTHDOWN INDUSTRIES/NORMERICA, PORT CREDIT, ON	1	1	100%	3	3	100%	None
NORTHERN PET PRODUCTS INC, CONCORD, ON	2	2	100%	6	6	100%	None
NU TECH BIOSCIENCES INC, ONEIDA, NY	2	2	100%	5	5	100%	None
NULO INC, AUSTIN, TX	4	3	75%	49	48	98%	AH Fat (1)
NUMMY TUM TUM, CORVALLIS, OR	1	1	100%	2	2	100%	None
NUNN MILLING COMPANY INC, EVANSVILLE, IN	4	4	100%	32	32	100%	None
NUTRA BLEND CORP, NEOSHO, MO	3	3	100%	13	13	100%	None
NUTRA DEER, GROVE, OK	1	0	0%	3	2	67%	Fat (1)
NUTRENA, MINNEAPOLIS, MN	12	8	67%	103	98	95%	AH Fat (1) Ca (2) Mg (1) Lasalocid (1)

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NUTRI-VET LLC, BOISE, ID	4	3	75%	16	12	75%	Cu (1) Fe (1) Mn (1) Zn (1)
NUTRO PRODUCTS INC, FRANKLIN, TN	7	6	86%	75	73	97%	Ca (1) P (1)
NYLABONE PRODUCTS, NEPTUNE, NJ	1	1	100%	2	2	100%	None
ODOM'S LIVESTOCK SUPPLY, INC., MAYFIELD, KY	9	3	33%	57	51	89%	C Protein (4) P (1) Cu (1)
OHIO PET FOODS INC, LISBON, OH	1	1	100%	2	2	100%	None
OLD DOG COOKIE CO., WELLS, ME	1	1	100%	2	2	100%	None
OMEGA FIELDS INC, SHEBOYGAN, WI	1	0	0%	11	10	91%	Ca (1)
OMEGA PAW INC, ST MARYS, ON	6	4	67%	19	16	84%	C Protein (2) AH Fat (1)
OMEGA SEA LTD, PAINESVILLE, OH	3	1	33%	11	8	73%	Fat (1) Ca (1) P (1)
ON TRAXX SUPPLY, INC., WESTVIEW, KY	1	1	100%	5	5	100%	None
ORSCHLERN FARM & HOME, MOBERLY, MO	7	6	86%	40	37	93%	P (1) Mg (1) Fe (1)
OSCAR NEWMAN LLC, BATAVIA, IL	1	0	0%	4	3	75%	C Protein (1)
OSI MARINE LAB INC, BURLINGAME, CA	1	1	100%	2	2	100%	None
OVERTON-PICKETT FARMERS COOP, LIVINGSTON, TN	6	5	83%	36	33	92%	C Protein (1) P (1) Mn (1)
OWENSBORO GRAIN CO INC, OWENSBORO, KY	43	40	93%	71	68	96%	C Fiber (3)
OWBOW ENTERPRISES, MURDOCK, NE	5	3	60%	29	27	93%	Cu (2)
PACIFIC COAST DISTRIBUTING, PHOENIX, AZ	5	5	100%	61	61	100%	None
PARAGON PET PRODUCTS USA INC, WILMINGTON, DE	1	1	100%	2	2	100%	None
PARTY ANIMAL INC, HOLLYWOOD, CA	3	0	0%	38	25	66%	AH Fat (3) Ca (3) P (3) Cu (3) Zn (1)
PATCHWORK DISTRIBUTION INC, CORONA, CA	2	2	100%	24	24	100%	None
PAW PRINTS BAKERY LLC, GEORGETOWN, KY	2	0	0%	5	2	40%	C Protein (2) Fat (1)
PENWOODS EQUINE PRODUCTS INC, CENTRE HALL, PA	1	0	0%	11	10	91%	Vit A (1)
PEPPER'S HARDIN COUNTY MILLING COMPANY, ELIZABETHTOWN, KY	1	1	100%	5	5	100%	None
PERDUE AGRIBUSINESS LLC, SALISBURY, MD	1	1	100%	3	3	100%	None
PERFORMANCE FEEDS, RED BOILING SPGS, TN	28	16	57%	202	186	92%	C Protein (1) NPN (2) Ca (1) P (2) Co (1) Cu (2) Fe (3) Zn (1) Vit A (2) Decox (1)
PERFORMANCE PET PRODUCTS LLC, MITCHELL, SD	4	4	100%	48	48	100%	None
PERFORMANCE SEED, ST. CLOUD, MN	1	0	0%	2	1	50%	C Protein (1)
PET BRANDS, COLUMBUS, OH	4	4	100%	10	10	100%	None
PET KING, JAMAICA, NY	2	0	0%	6	4	67%	C Protein (2)
PET NATURALS OF VERMONT, ESSEX JUNCTION, VT	3	3	100%	10	10	100%	None

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PET VENTURES INC, NORTH HOLLYWOOD, CA	3	2	67%	6	5	83%	C Protein (1)
PETCUREAN PET NUTRITION, CHILLINACK, BC	2	2	100%	24	24	100%	None
PETKIN INC., MARINA DEL RAY, CA	1	1	100%	2	2	100%	None
PETKIND, WHITE ROCK, BC	3	3	100%	10	10	100%	None
PETMATRIX LLC, SADDLE BROOK, NJ	1	1	100%	2	2	100%	None
PETRAPPORT INC, NORTH BERGEN, NJ	2	2	100%	5	5	100%	None
PETROPICS LLC, CARLSBORG, WA	3	3	100%	25	25	100%	None
PETS GLOBAL INC, GARDENA, CA	5	4	80%	58	57	98%	Fe (1)
PETS OF AMERICA WHOLESALE SPLY, WILLIAMSTON, NC	1	1	100%	11	11	100%	None
PFIZER INC, MADISON, NJ	1	0	0%	7	6	86%	Salt (1)
PILGRIMS - MAYFIELD, HICKORY, KY	1	0	0%	4	2	50%	Ca (1) P (1)
PMI NUTRITION INTL INC, BRENTWOOD, MO	9	8	89%	50	49	98%	Zn (1)
POET NUTRITION INC, SIOUX FALLS, SD	8	8	100%	21	21	100%	None
PRAIRIE DOG TREATS, GRAND PRAIRIE, TX	3	2	67%	6	5	83%	C Protein (1)
PRECISE PET PRODUCTS, NACOGDOCHES, TX	4	2	50%	44	41	93%	Ca (1) P (1) K (1)
PREMIUM NUTRITIONAL PRODUCTS, MISSION, KS	1	0	0%	3	2	67%	Fat (1)
PRETTY BIRD INTL INC, STACY, MN	2	1	50%	4	3	75%	C Protein (1)
PREWITT FARM SUPPLY, INC., WILLIAMSBURG, KY	2	2	100%	10	10	100%	None
PRIMAL PET FOODS INC, SAN FRANCISCO, CA	1	1	100%	12	12	100%	None
PRIMOS HUNTING CALLS, FLORA, MS	3	3	100%	20	20	100%	None
PRODUCER FEEDS, LOUISVILLE, KY	10	7	70%	69	66	96%	Fat (2) K (1)
PROFESSIONAL PET CO, META, MO	7	7	100%	78	78	100%	None
PROGRESSIVE NUTRITION, BROOKVILLE, OH	3	0	0%	23	19	83%	Se (2) Vit A (2)
PRO-PET LLC, ST MARYS, OH	5	4	80%	61	59	97%	Ca (1) P (1)
PROTRITION FEEDS, LAVERGNE, TN	1	1	100%	6	6	100%	None
PROVIMI NORTH AMERICA INC, BROOKVILLE, OH	5	5	100%	30	30	100%	None
PURE TREATS INC, VAUDREUIL DORION, QC	3	2	67%	8	7	88%	AH Fat (1)
PURINA ANIMAL NUTRITION LLC, SHOREVIEW, MN	37	34	92%	284	281	99%	K (2) Tylosin (1)
PURINA MILLS INC, ST. LOUIS, MO	19	17	89%	121	118	98%	Ca (1) Co (1) CTC (1)
PYRAMID PET PRODUCTS INC, FAIR OAKS, CA	1	1	100%	12	12	100%	None
RADIO SYSTEMS CORPORATION, KNOXVILLE, TN	5	4	80%	12	11	92%	AH Fat (1)
RAGLAND MILLS INC, NEOSHO, MO	2	1	50%	15	13	87%	Ca (1) K (1)
REAL MEAT TREATS, MONTROSE, CA	1	0	0%	3	2	67%	Fat (1)
RED A FEEDS, MANKATO, MN	18	13	72%	99	92	93%	C Protein (1) K (1) Salt (1) Se (1) Zn (2) Vit A (1)
RED RIVER COMMODITIES, FARGO, ND	2	1	50%	4	2	50%	C Protein (1) AH Fat (1)
REDBARN PET PRODUCTS LLC, GREAT BEND, KS	10	8	80%	91	89	98%	C Protein (1) K (1)
REDMOND MINERALS INC, REDMOND, UT	1	0	0%	9	8	89%	Mn (1)

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RENAISSANCE NUTRITION INC, ROARING SPRING, PA	6	2	33%	47	41	87%	C Protein (1) Salt (1) Se (2) Vit A (1) Monensin (1)
REP CAL RESEARCH LABS, LOS GATOS, CA	1	1	100%	3	3	100%	None
RESOLVE SUSTAINABLE SOLUTIONS, FORT DODGE, IA	4	1	25%	25	21	84%	Fat (3) Na (1)
RIDLEY BLOCK OPERATIONS, MANKATO, MN	37	24	65%	357	340	95%	C Protein (4) NPN (1) Ca (2) Cu (3) Fe (1) Mn (1) Se (1) Vit A (4)
RIDLEY FEED INGREDIENT MENDOTA, MENDOTA, IL	1	1	100%	1	1	100%	None
RILEY'S ORGANICS, ST LOUIS, MO	1	1	100%	3	3	100%	None
RIP'S FARM CENTER, INC., TOLLESBORO, KY	32	23	72%	153	142	93%	C Protein (5) Ca (2) Salt (1) Cu (2) Zn (1)
RIVER VALLEY ANIMAL FOODS, ROBARDS, KY	2	2	100%	10	10	100%	None
ROSE ACRE FARMS INC, SEYMOUR, IN	6	6	100%	10	10	100%	None
ROYAL CANIN USA INC, ST CHARLES, MO	9	9	100%	97	97	100%	None
RUCKELS FARM SUPPLY, WAYNESBURG, KY	1	1	100%	5	5	100%	None
RUDY'S FARM CENTER, KEVIL, KY	2	2	100%	14	14	100%	None
RURAL KING SUPPLY - MATTOON, MATTOON, IL	9	7	78%	101	97	96%	Fat (1) Ca (1) P (1) Vit A (1)
RUSH DIRECT INC, WOOD DALE, IL	2	2	100%	8	8	100%	None
RUSSELL CO. FARM STORE, RUSSELL SPRINGS, KY	4	4	100%	19	19	100%	None
SALIX LLC, DEERFIELD BEACH, FL	4	3	75%	6	5	83%	C Protein (1)
SAVE-A-LOT LTD, EARTH CITY, MO	9	6	67%	112	109	97%	AH Fat (3)
SCHELL & KAMPETER INC, META, MO	1	1	100%	10	10	100%	None
SCIENCE HILL MILLING COMPANY, INC., SCIENCE HILL, KY	8	5	63%	38	34	89%	C Protein (3) Zn (1)
SEEDS, INC., MEMPHIS, TN	2	1	50%	21	20	95%	Na (1)
SEITER FARMS, CALIFORNIA, KY	1	1	100%	1	1	100%	None
SERGEANTS PET CARE PRODUCTS, OMAHA, NE	1	1	100%	2	2	100%	None
SEVENTY FEEDS LLC, EUBANK, KY	1	1	100%	5	5	100%	None
SHOPKO STORES OPERATING CO LLC, GREEN BAY, WI	1	1	100%	12	12	100%	None
SHUCKS FENCE CO, INC., SHELBYVILLE, KY	2	1	50%	12	10	83%	C Protein (1) Ca (1)
SIEMER MILLING COMPANY, HOPKINSVILLE, KY	3	3	100%	7	7	100%	None
SIEMER MILLING COMPANY, TEUTOPOLIS, IL	1	1	100%	2	2	100%	None
SIMMONS PET FOOD INC, PENNSAUKEN, NJ	5	5	100%	60	60	100%	None
SIMPLY NOURISH PET FOOD CO, PHOENIX, AZ	12	8	67%	108	103	95%	AH Fat (1) Na (1) Cu (2) Fe (1)
SLIGO FEED MILL, PENDLETON, KY	6	6	100%	35	35	100%	None
SMOKEHOUSE PET PRODUCTS, SUN VALLEY, CA	1	0	0%	3	2	67%	AH Fat (1)
SOJOS INC, MINNEAPOLIS, MN	4	2	50%	32	29	91%	C Protein (2) AH Fat (1)

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SOLID GOLD PET LLC, GREENVILLE, SC	8	5	63%	98	94	96%	C Protein (1) AH Fat (1) Ca (1) Na (1)
SOULISTIC, NATICK, MA	3	2	67%	34	33	97%	Na (1)
SOURCE INC, N BRANFORD, CT	1	1	100%	2	2	100%	None
SOUTHEASTERN MINERALS INC, BAINBRIDGE, GA	1	1	100%	6	6	100%	None
SOUTHEASTERN WHOLESALERS, BARBOURVILLE, KY	2	1	50%	12	8	67%	Ca (1) P (1) Cu (1) Zn (1)
SOUTHERN STATES, DANVILLE, KY	2	2	100%	20	20	100%	None
SOUTHERN STATES, EMINENCE, KY	2	2	100%	8	8	100%	None
SOUTHERN STATES, FLEMINGSBURG, KY	2	2	100%	4	4	100%	C Protein (4) Ca (1) P (1) K (1)
SOUTHERN STATES, HODGENVILLE, KY	16	10	63%	89	82	92%	None
SOUTHERN STATES, HOPKINSVILLE, KY	3	3	100%	27	27	100%	None
SOUTHERN STATES, LONDON, KY	2	2	100%	11	11	100%	C Protein (2)
SOUTHERN STATES, OWENSBORO, KY	4	2	50%	20	18	90%	None
SOUTHERN STATES, OWINGSVILLE, KY	3	3	100%	13	13	100%	Fat (1)
SOUTHERN STATES COOP INC, RICHMOND, VA	4	3	75%	12	11	92%	None
SOUTHERN STATES COOP INC - FEED, RICHMOND, VA	120	87	73%	891	852	96%	C Protein (31) NPN (1) Ca (1) Mg (1) Co (1) Se (2) BMD (2)
SPECIALTY FEEDS INC, MEMPHIS, TN	6	4	67%	68	66	97%	K (2)
SPECIALTY PRODUCTS RESOURCES INC, WALTHAM, MA	1	1	100%	2	2	100%	None
STAR MARK PET PRODUCTS INC, HUTTO, TX	1	1	100%	2	2	100%	None
STELLA & CHEWY'S LLC, OAK CREEK, WI	7	3	43%	58	48	83%	C Protein (3) AH Fat (3) Ca (2) P (2)
STEWART'S FARM SUPPLY, BROOKSVILLE, KY	7	3	43%	32	26	81%	C Protein (4) C Fiber (1) P (1)
SUNSHINE MILLS INC, RED BAY, AL	16	12	75%	152	146	96%	Ca (3) P (1) Cu (1) Zn (1)
SUPREME PETFOODS LTD, FERNDALE, WA	1	1	100%	3	3	100%	None
SWEET MEADOW FARM, SHERBORN, MA	1	1	100%	5	5	100%	None
T & H FEED SERVICE, INC., LEBANON, KY	2	1	50%	15	12	80%	P (1) Se (1) Vit A (1)
TAPPS FEED & FARM SUPPLY, SHELBYVILLE, KY	5	5	100%	26	26	100%	None
TARGET CORPORATION, MINNEAPOLIS, MN	8	4	50%	88	84	95%	AH Fat (2) Mg (1) Zn (1)
TASTE OF THE WILD, META, MO	7	7	100%	84	84	100%	None
TDL INDUSTRIES INC, FA,;PM, NV	1	1	100%	8	8	100%	None
TEJAS PET PRODUCTS, LINCOLN, NE	7	6	86%	39	38	97%	AH Fat (1)

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	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
TENNESSEE FARMERS COOP, LAVERGNE, TN	12	9	75%	114	109	96%	C Protein (1) K (1) Co (1) Mn (1) Vit A (1)
TETRA HOLDING (US) INC, BLACKSBURG, VA	1	1	100%	3	3	100%	None
THE HYLAND CO INC, ASHLAND, KY	21	14	67%	226	217	96%	C Protein (1) AH Fat (1) Ca (4) P (2) Na (1)
THE NUTRO COMPANY, FRANKLIN, TN	2	0	0%	23	21	91%	Fat (2)
THREE DOG BAKERY LLC, KANSAS CITY, MO	4	4	100%	30	30	100%	None
TOP DOG TREATS & CHEWS, RICHMOND, VA	2	1	50%	4	3	75%	C Protein (1)
TOPCO ASSOCIATES, ELK GROVE VILLAGE, IL	5	4	80%	55	54	98%	Zn (1)
TRACTOR SUPPLY COMPANY, BRENTWOOD, TN	43	32	74%	321	305	95%	C Protein (3) AH Fat (4) Ca (1) P (1) K (2) Cu (1) Zn (1) Vit A (3)
TRADER JOE'S, MONSEY, NY	9	8	89%	89	88	99%	C Protein (1)
TRI STATE PACKAGING CO, VAN WERT, OH	4	4	100%	9	9	100%	None
TRI-COUNTY FEEDS, LLC, LIBERTY, KY	5	4	80%	25	23	92%	C Protein (1) P (1)
TRI-COUNTY FERTILIZER CO., INC., RICHMOND, KY	8	6	75%	21	19	90%	C Protein (2)
TRIPLE CROWN NUTRITION INC, WAYZATA, MN	1	1	100%	2	2	100%	None
TRM IRELAND INC, STREETSBORO, OH	1	1	100%	1	1	100%	None
TROPICLEAN, WENTZVILLE, MO	1	1	100%	2	2	100%	None
TRURX LLC, EAGLE, ID	3	2	67%	8	7	88%	C Protein (1)
TUCKER MILLING LLC, GUNTERSVILLE, AL	2	1	50%	9	8	89%	C Protein (1)
TUFFYS PET FOODS INC, PERHAM, MN	3	3	100%	15	15	100%	None
TUTTLE'S HORSE CARE DIV, CODY, WY	1	0	0%	13	12	92%	Se (1)
TYSON PET PRODUCTS, INDEPENDENCE, IA	3	0	0%	10	7	70%	Fat (1) AH Fat (2)
TYSON PET PRODUCTS, SPRINGDALE, AR	1	1	100%	2	2	100%	None
UNCLE JIMMYS BRAND PRODUCT LLC, NEW CASTLE, PA	1	1	100%	5	5	100%	None
UNIPET USA LLC, TRAVELERS REST, SC	1	0	0%	3	2	67%	C Protein (1)
UNITED LIVESTOCK COMMODITIES, MAYFIELD, KY	8	6	75%	47	45	96%	Salt (1) K (1)
UNITED PET GROUP INC, BLACKSBURG, VA	9	9	100%	21	21	100%	None
VALERO MARKETING & SUPPLY CO, SAN ANTONIO, TX	2	1	50%	6	5	83%	Fat (1)
VALLEY FARM CENTER, INC., MONTICELLO, KY	1	0	0%	4	3	75%	C Protein (1)
VALLEY GRAIN PRODUCTS, HENDERSON, KY	2	2	100%	6	6	100%	None
VAPCO INC, LAWRENCE, MA	2	2	100%	6	6	100%	None
VARIETY PET FOODS, ENGLEWOOD, CO	5	4	80%	60	58	97%	C Protein (1) Ca (1)
VETRISCIENCE LABORATORIES, ESSEX JUNCTION, VT	1	1	100%	12	12	100%	None
VETS CHOICE, DEER PARK, NY	10	6	60%	104	100	96%	AH Fat (3) Ca (1)
VETS PLUS INC, MENOMONIE, WI	1	1	100%	2	2	100%	None
VETSCIENCE LLC, DALLAS, TX	6	6	100%	17	17	100%	None
VIOPIN CORPORATION, MONTICELLO, IL	1	1	100%	2	2	100%	None
VITA FLEX NUTRITION CO INC, COUNCIL BLUFFS, IA	2	2	100%	18	18	100%	None
VITAKRAFT SUN SEED CO INC, BOWLING GREEN, OH	5	3	60%	19	17	89%	Fat (2)

Report of Official Feed Samples Analyzed—2014

Business Name	Samples			Tests			Samole Violations
	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
WAGATHA'S, MANCHESTER CTR, VT	1	0	0%	3	2	67%	AH Fat (1)
WAGGERS PET PRODUCTS, CALGARY, AB	1	1	100%	1	1	100%	None
WAGGIN TRAIN LLC, ST LOUIS, MO	5	4	80%	32	31	97%	AH Fat (1)
WALGREEN CO, DEERFIELD, IL	3	2	67%	18	17	94%	K (1)
WAL-MART STORES INC, BENTONVILLE, AR	16	13	81%	174	170	98%	Mg (2) Fe (2)
WATSON CATTLE NUTRITION, BOWLING GREEN, KY	3	3	100%	31	31	100%	None
WELL PET LLC, TEWKSBURY, MA	20	13	65%	204	195	96%	C Protein (2) AH Fat (6) K (1)
WERUVA INTERNATIONAL INC, NATICK, MA	7	2	29%	84	69	82%	AH Fat (2) Ca (2) P (2) K (2) Na (1) Cu (3) Fe (3)
WESTMINSTER PET PRODUCTS, PAWTUCKET, RI	5	4	80%	11	10	91%	C Protein (1)
WET NOSES NATURAL DOG TREAT CO, MONROE, WA	5	5	100%	16	16	100%	None
WHITESTONE FEEDS INC, OWENSBORO, KY	15	5	33%	95	82	86%	C Protein (4) Ca (1) Salt (1) Co (1) Vit A (4) CTC (1) Decox (1)
WHITETAIL INSTITUTE OF NORTH AMERICA, PINTLALA, AL	1	1	100%	6	6	100%	None
WHOLE FOODS MARKET, AUSTIN, TX	7	7	100%	73	73	100%	None
WILCOX PET SUPPLY, NEWPORT NEWS, VA	1	0	0%	6	5	83%	Fat (1)
WILD CALLING! PET FOOD, GREELEY, CO	3	1	33%	38	31	82%	AH Fat (2) Ca (2) P (2) Cu (1)
WILDGAME INNOVATIONS, LLC, BATON ROUGE, LA	2	2	100%	10	10	100%	None
WILLARD MILLING, INC, WILLARD, KY	28	20	71%	207	194	94%	C Protein (1) AH Fat (4) K (1) Salt (1) Cu (3) Ca (3)
WILLIE BAKERY, CLINTON, TN	1	0	0%	2	1	50%	C Protein (1)
WINCHESTER FEED COMPANY, INC., WINCHESTER, KY	9	8	89%	54	53	98%	Vit A (1)
WK DEER PRODUCTS LLC, MAYFIELD, KY	1	1	100%	5	5	100%	None
WOODFORD FEED COMPANY, INC., VERSAILLES, KY	10	9	90%	56	55	98%	Zn (1)
WRIGLEY'S 7-711, INC., WEST LIBERTY, KY	1	1	100%	2	2	100%	None
WYSONG CORPORATION, MIDLAND, MI	1	1	100%	11	11	100%	None
YODER'S FEED & SUPPLY, RUSSELLVILLE, KY	13	10	77%	85	82	96%	Ca (3)
YUPPIE PUPPY PET PRODUCTS, NEW YORK, NY	1	1	100%	2	2	100%	None
ZIWIPEAK LTD, CARMEL, CA	2	0	0%	24	21	88%	AH Fat (1) Ca (1) P (1)
ZOO MED LABORATORIES, INC., SAN LUIS OBISPO, CA	7	6	86%	27	26	96%	Na (1)
ZUKES, DURANGO, CO	7	5	71%	20	18	90%	C Protein (2)
Totals	3000	2288	76%	19673	18680	95%	

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