


Regulatory Bulletin 323

2013 COMMERCIAL FEEDS IN KENTUCKY



REGULATORY SERVICES

UK
UNIVERSITY OF
KENTUCKY
College of Agriculture,
Food and Environment

Agricultural Experiment Station

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This report was compiled and prepared by G. Alan Harrison with the assistance of the Inspection, Laboratory, and Administrative staffs.

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 & 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. This 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 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 75 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 impact human food.

Feed industry personnel have become more involved with ingredient assessment and monitoring, defining ingredient storage conditions, maintaining clean storage and manufacturing facilities, increased 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 pet. Guaranteed analysis, ingredient listings, and feeding directions for the intended animals or pets are scrutinized. Particular attention is given to medicated feed labels with regards 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. Currently, over 18,500 different commercial feeds and pet foods are currently registered for distribution by over 1,200 com-

panies. There are approximately 230 facilities located in Kentucky that serve the feed and pet food industry with complete feeds, feed ingredients, or 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. Additionally, 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 2013, the feed program collected a total of \$1,234,079 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 three years. In 2013, inspectors collected fewer samples of ingredients but overall sample numbers were greater than in the past few years.

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 2013.

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 1. Number of feed ingredients sampled.

Type	2013	2012	2011	2010	2009
Alfalfa Products	0	1	2	2	0
Animal Products	21	22	28	33	28
Barley Products	3	2	1	6	8
Corn Products	111	193	119	161	141
Cottonseed Products	8	11	5	10	8
Distillers Products	80	74	88	63	70
Mineral Ingredients	18	7	14	20	8
Molasses Products	1	3	2	3	4
Oat Products	3	9	3	6	9
Rice Products	2	3	7	8	0
Soybean Products	160	176	143	154	165
Wheat Products	12	11	15	9	14
Other	11	3	1	2	9
Total	430	515	428	477	464

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

Species/Type	2013	2012	2011	2010	2009
Poultry	157	102	148	128	137
Beef	320	297	257	237	224
Dairy	55	49	50	48	59
Swine	134	110	104	115	119
Sheep	5	18	6	9	2
Rabbit	23	21	22	24	27
Calf	63	55	39	35	43
Horse	187	147	206	188	199
Goat	40	31	30	35	38
Scratch & Gamebird	36	49	37	39	33
Fish Food	15	12	8	9	12
Custom Mix	70	51	39	72	86
Liquid	1	0	2	1	4
Blocks	27	5	27	11	26
Minerals	201	137	154	162	170
Drugs	41	38	26	13	11
Vitamins	3	2	4	4	9
Microbials	3	0	2	1	3
Other	200	179	126	138	137
Total	1581	1303	1287	1269	1339

Table 3. Number of specialty feeds sampled.

Type	2013	2012	2011	2010	2009
Dry Dog Food	217	195	199	147	148
Soft-Moist Dog Foods	2	2	1	1	2
Canned Dog Foods	201	203	176	150	134
Dry Cat Foods	84	85	92	47	64
Canned Cat Foods	158	136	157	106	99
Specialty Dog & Cat Products	207	135	147	135	104
Specialty Pet Products	28	20	9	20	27
Aquarium Fish Foods	22	17	17	26	29
Specialty Bird Feeds	20	11	25	10	38
Specialty Horse Feeds	22	29	27	39	56
Total	961	833	850	681	701

Table 4. Number of official feed analyses reported.

	Analysis	2013	2012	2011	2010	2009
Proximate	Crude Protein	2694	2459	2356	2148	2,202
	NPN Equivalent Protein (urea)	13	74	73	98	36
	Lysine	0	0	0	1	4
	Crude Fat	482	803	470	318	575
	Acid Hydrolysis Fat	666	664	463	379	586
	Crude Fiber	1032	588	1015	866	750
	Acid Detergent Fiber	55	147	142	162	150
	Sugar, Invert	1	1	0	0	0
	Ash	124	78	64	44	218
	Moisture	794	229	45	67	603
Minerals	Aluminum	0	2	0	0	0
	Calcium	2167	1945	1961	1694	1,634
	Cobalt	163	238	149	153	145
	Copper	1242	1341	1264	855	837
	Fluorine	0	0	0	2	1
	Iodine	0	0	2	0	1
	Iron	680	794	703	345	362
	Magnesium	933	875	888	705	622
	Manganese	856	946	862	486	492
	Molybdenum	8	19	14	15	6
	Phosphorus	2099	1882	1935	1671	1,605
	Potassium	1308	1208	1140	940	855
	Salt	1034	882	864	840	921
	Selenium	320	198	225	243	127
	Sodium	687	606	654	427	329
	Sulfur	1	4	1	0	3
	Zinc	1319	1323	1287	928	958
Vitamins	Vitamin A	296	262	335	342	353
	Vitamin D	4	1	0	3	3
	Vitamin E	8	2	0	0	2
Drugs	Amprolium	20	16	20	18	3
	Apramycin	0	0	1	0	1
	Bacitracin	14	6	11	3	9
	Carbadox	5	10	13	2	5
	Chlortetracyclin	111	85	86	85	104
	Decoquinatate	27	26	15	17	1
	Fenbendazole	1	0	0	0	0
	Lasolacid	65	58	33	47	1
	Lincomycin	1	1	0	2	1
	Melengestrol Aceate	2	0	0	0	0
	Monensin	96	62	55	61	52
	Oxytetracycline	9	10	4	6	11
	Sulfamthazine	10	1	0	0	1
	Tylosin	10	21	7	10	7
Virginiamycin	0	14	0	0	1	
Mycotoxins	Aflatoxin	48	347	171	349	198
	Fumonisin	31	196	135	304	180
	Vomitoxin	21	211	49	107	99
Other	L. Acidophilus Bacteria	1	0	1	0	2
	Lactic Acid Bacteria	0	1	0	0	0
	Microscopy	10	23	21	28	25
	Net Weight	344	358	244	418	548
Total		19,812	19,017	17,778	15,189	15,629

Table 5. Reported tons of ingredients distributed.

Ingredient	Exempt			Non-Exempt		
	2013	2012	2011	2013	2012	2011
Alfalfa Products	1,243	1,316	1,606	6,905	6,756	2,567
Animal Product	25,405	23,895	37,710	64,904	60,091	68,718
Barley Products	89	66	94	1,576	790	733
Beet Products	3,420	5,768	11,432	872	2,554	727
Brewers Dried Products	3,166	69	118	292	1,683	8,061
Brewers Wet Grains	0	0	0	18,427	8,766	2,814
Citrus Products	261	705	495	4,812	2,416	730
Corn Products	118,278	94,142	100,793	126,140	108,684	86,554
Cottonseed Products	2,225	9,357	9,144	10,090	10,836	9,758
Distillers Dried Grain	77,220	10,814	96,686	157,602	207,733	226,430
Distillers Stillage	0	0	0	257,153	162,127	250,362
Drugs	5	88	157	552	375	487
Fats & Oils	12,472	13,070	27,775	5,810	4,348	10,789
Grain Sorghum	0	4	1	286	198	61
Linseed & Flax	23	11	25	273	403	303
Marine Products	19	22	17	2,851	1,249	578
Milk Products	1,421	1,507	1,747	899	2,583	1,785
Minerals	29,735	19,226	19,184	53,248	57,868	65,617
Molasses Products	18,543	22,958	20,249	5,416	9,615	12,083
Oat Products	2,248	3,786	2,001	3,973	2,538	2,738
Peanut Products	10,134	3,009	5,806	6,396	2,056	1
Rice Products	14,047	15,736	13,003	8,841	11,021	7,602
Rye	42	0	418	76	0	164
Soybean Products	168,283	171,019	150,749	453,812	533,834	534,397
Urea & Other NPN	1,723	599	778	4,865	12,845	2,316
Vitamins	24	447	140	2,868	2,840	3,545
Wheat Products	49,538	56,863	56,946	31,795	36,116	17,384
Whey (Liquid)	0	0	0	6,729	6,387	6,649
Grain Sold & Mixed	0	0	0	77,733	85,445	84,807
Other	12,574	9,493	7,494	42,138	44,921	32,936
Total	552,142	463,970	564,568	1,357,333	1,387,078	1,441,696

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

Type	Complete			Supplement/Premix		
	2013	2012	2011	2013	2012	2011
Chicken Starter Grower	8,992	6,991	6,499	409	441	414
Chicken Broiler	11,053	6,836	4,378	106	55	31
Chicken Layer Breeder	32,871	30,345	26,246	971	1,125	947
Turkey	436	691	1,611	499	7	50
Beef	206,738	200,670	198,352	36,180	36,106	36,894
Dairy	101,430	107,473	114,105	22,591	29,120	28,753
Swine	7,049	6,311	5,671	3,141	3,650	3,852
Sheep	11,423	6,632	2,825	321	411	340
Calf	8,167	7,809	7,159	0	0	0
Horse	86,441	82,177	84,301	0	0	0
Pet Food	216,091	217,984	187,935	0	0	0
Fish	1,703	1,935	939	0	0	0
Rabbit	3,506	3,705	4,414	0	0	0
Scratch Feed	3,513	3,744	4,560	0	0	0
Custom Mix	162,028	183,019	187,905	0	0	0
Other	42,138	43,830	94,208	0	0	0
Dried Molasses	0	0	0	31	28	138
Drug Premises	0	0	0	958	629	789
Liquid	0	0	0	3,898	3,438	14,717
Microbial Products	0	0	0	177	156	93
Minerals	0	0	0	27,151	15,938	23,207
Vitamin Premix	0	0	0	2,653	2,116	1,037
Total	903,580	910,152	931,108	99,086	93,220	111,262

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 analyte 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.

Table 7. Analytical variations for commercial feed samples.

Analyte	Lower AV	Upper AV	Analyte	Lower AV	Upper AV
Crude Protein	-3%	+50%	Chlortetracycline	-30%	+30%
NPN Equiv. Protein	-50%	+20%	Coumaphos	-20%	+20%
Lysine	-20%	+200%	Decoquinat	-20%	+20%
Crude Fat	-20%	+5 units	Dichlorvos	-20%	+30%
Acid Hydrolyzed Fat	-20%	+5 units	Fenbendazole	-25%	+25%
Crude Fiber	-60%	+15%	Hygromycin B	-25%	+20%
Acid Detergent Fiber	-60%	+15%	Lasalocid	-25%	+25%
Ash		+5%	Lincomycin	-25%	+35%
Calcium	-15%	+2 units	Melengestrol Aceate	-30%	+35%
Phosphorus	-15%	+2 units	Methoprene	-30%	+30%
Salt	-40%	+40%	Monensin	-30%	+30%
Cobalt	-40%	+200%	Oxytetracycline	-30%	+30%
Copper	-40%	+200%	Penicillin	-35%	+35%
Iodine	-40%	+200%	Pyrantel Tartrate	-25%	+25%
Iron	-40%	+200%	Rabon	-25%	+30%
Magnesium	-40%	+200%	Roxarsone	-25%	+25%
Manganese	-40%	+200%	Sulfamethazine	-20%	+20%
Molybdenum	-40%	+100%	Sulfaquinoxaline	-25%	+25%
Potassium	-30%	+200%	Sulfathiazole	-20%	+20%
Selenium	-40%	+40%	Thiabendazole	-30%	+30%
Sodium	-30%	+130%	Tylosin	-30%	+30%
Zinc	-40%	+200%	Virginiamycin	-40%	+40%
Amprolium	-40%	+20%	Zoalene	-25%	+25%
Apramycin	-20%	+20%	Moisture		+12%
Arsanilic Acid	-20%	+20%	Sodium Bicarbonate	-30%	+30%
Bacitracin	-40%	+40%	Invert Sugar	-10%	
Bambermycin	-30%	+30%	Vitamin A	-30%	+200%
Carbadox	-20%	+20%	Net wt. (small pkg.)	-5%	

Report of Official Feed Samples Analyzed—2013

Name	Samples			Tests			Violations
	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
ABENGOA BIOENERGY OF ILLINOIS, MADISON, IL	4	4	100%	13	13	100%	None
ABENGOA BIOENERGY OF INDIANA, MT VERNON, IN	7	7	100%	19	19	100%	None
ABSORPTION CORP, FERNDALE, WA	1	1	100%	6	6	100%	None
ADAIRVILLE FEED MILL #2/RVILLE, ADAIRVILLE, KY	8	7	88%	45	44	98%	1 Crude Protein
ADAIRVILLE FEED MILL, ADAIRVILLE, KY	13	11	85%	59	56	95%	1 Crude Protein 1 Copper 1 Zinc
ADM (SOY PROCESSING), FRANKFORT, IN	1	1	100%	2	2	100%	None
ADM ALLIANCE NUTRITION INC, QUINCY, IL	32	24	75%	267	256	96%	1 Crude Protein 1 Crude Fat, Min 1 Magnesium 1 Potassium 2 Zinc 5 Vitamin A
ADM ALLIANCE NUTRITION, HENDERSON, KY	21	18	86%	130	124	95%	2 Crude Protein 1 Calcium, Min 1 Phosphorus, Min 1 Salt, Min 1 Vitamin A
ADM CORN PROCESSING/J ARCHER, DECATUR, IL	2	1	50%	4	3	75%	1 Crude Protein
ADM MILLING/MT VERNON, OVERLAND PARK, KS	1	1	100%	3	3	100%	None
ADM MILLING/ST LOUIS, SHAWNEE MISSION, KS	3	3	100%	7	7	100%	None
ADM PROCESSING/J NORTHWAY 9/13, DECATUR, IL	7	7	100%	12	12	100%	None
AG FIBERS LLC, DOTHAN, AL	4	3	75%	17	16	94%	1 Crude Protein
AG PROCESSING, INC./JIM HAAS, OMAHA, NE	12	11	92%	35	34	97%	1 Crude Fiber, Max
AGRI-KING, INC., FULTON, IL	1	1	100%	1	1	100%	None
AGRI LABS, ST. JOSEPH, MO	1	0	0%	2	1	50%	1 Sodium
AHC PRODUCTS & PACKAGING INC, WINCHESTER, KY	3	1	33%	14	8	57%	1 Calcium, Min 1 Phosphorus, Min 1 Cobalt 1 Magnesium 1 Selenium 1 Vitamin A
AINSWORTH PET NUTRITION, MEADVILLE, PA	6	5	83%	54	53	98%	1 Calcium, Min
AKPHARMA INC, PLEASANTVILLE, NJ	1	1	100%	1	1	100%	None
ALDI INC, BATAVIA, IL	8	6	75%	83	81	98%	2 AH Fat
ALLTECH, INC., NICHOLASVILLE, KY	2	2	100%	7	7	100%	None
ALPHARMA LLC, MADISON, NJ	12	11	92%	13	12	92%	1 Sulfamethazine
AMERICAN PET FOOD COMPANY, WILLIAMSBURG, KY	1	1	100%	3	3	100%	None
AMPRO PRODUCTS INC, GAINESVILLE, GA	2	2	100%	4	4	100%	None
ANDERSON FARM SERVICE, LAWRENCEBURG, KY	2	2	100%	11	11	100%	None
ANT HEALTH, LLC, DOON, IA	1	0	0%	9	6	67%	1 Copper 1 Iron 1 Magnesium
ANTLER KING TROPHY PRODUCTS, BLACK RIVER FALLS, WI	3	1	33%	22	20	91%	2 Iron
AQUARIUM PHARMACEUTICALS, INC., CHALFONT, PA	1	1	100%	7	7	100%	None
ARCTIC PAWS, ANCHORAGE, AK	1	0	0%	2	1	50%	1 Crude Protein
ARMADA GRAIN CO, ARMADA, MI	2	2	100%	15	15	100%	None
ARNOLD FEED & SEED, CAMPBELLSVILLE, KY	3	3	100%	11	11	100%	None
ARTHUR DOGSWELL LLC, LOS ANGELES, CA	13	9	69%	114	109	96%	4 Crude Protein 1 AH Fat
ARTHUR PET PRODUCTS, SALISBURY, MD	2	2	100%	6	6	100%	None
ASHLAND MILLING COMPANY INC, ASHLAND, KY	2	0	0%	10	8	80%	1 Calcium, Min 1 Phosphorus, Min

Report of Official Feed Samples Analyzed—2013

Name	Samples			Tests			Violations
	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
ASSOC WHOLE GROC/ANN THOMPSON, KANSAS CITY, KS	11	11	100%	96	96	100%	None
AUTHORITY PET FOOD CO, PHOENIX, AZ	12	12	100%	117	117	100%	None
AVENTINE RENEWABLE ENERGY INC, PEKIN, IL	1	1	100%	2	2	100%	None
BAGDAD ROLLER MILLS, BAGDAD, KY	20	20	100%	92	92	100%	None
BAKERY FEED INC, BUTLER, KY	1	1	100%	3	3	100%	None
BAKERY FEEDS INC, HENDERSON, KY	8	8	100%	24	24	100%	None
BARDSTOWN MILLS, BARDSTOWN, KY	15	9	60%	79	69	87%	4 Crude Protein 1 Crude Fat, Min 1 Calcium, Min 1 Phosphorus, Min 1 Salt, Min 2 Zinc
BARTON BRANDS, LTD., BARDSTOWN, KY	1	1	100%	3	3	100%	None
BCCH LLC, MAUMELLE, AR	1	1	100%	4	4	100%	None
BEARS BONE BAKERY, EVANSVILLE, IN	1	1	100%	3	3	100%	None
BEST FRIENDS FOODS, NATICK, MA	2	2	100%	24	24	100%	None
BI-COUNTY FARM BUREAU COOP, FLORENCE, KY	1	1	100%	6	6	100%	None
BIG & J INDUSTRIES INC, GRAND ISLAND, NE	2	2	100%	12	12	100%	None
BIG BARN FARM STORE, GARRISON, KY	5	2	40%	27	21	78%	1 Crude Fiber, Max 2 Calcium, Min 2 Salt, Min 1 Zinc
BIO BISCUIT, INC., QUEBEC, CANADA	2	2	100%	4	4	100%	None
BIOZYME INCORPORATED, ST JOSEPH, MO	3	0	0%	34	31	91%	1 Potassium 1 Selenium 1 Vitamin A
BLACK GOLD PET FOODS INC, VIENNA, MO	2	2	100%	24	24	100%	None
BLUE BUFFALO CO LTD, WILTON, CT	21	18	86%	244	241	99%	2 AH Fat 1 Ash
BLUE DOG BAKERY, SEATTLE, WA	1	1	100%	3	3	100%	None
BLUE RIDGE BAKERY, SPRINGHILL, TN	1	0	0%	3	1	33%	1 Crude Protein 1 AH Fat
BLUEGRASS AG DISTRIBUTORS, LANCASTER, KY	9	9	100%	35	35	100%	None
BLUEGRASS FEED & SUPPLY, HUSTONVILLE, KY	3	3	100%	13	13	100%	None
BLUEGRASS SEED & FERTILIZER, BARDSTOWN, KY	22	18	82%	80	72	90%	1 Phosphorus, Min 1 Salt, Min 3 Copper 1 Selenium 2 Zinc
BOBS FEED & FERTILIZER, CROSSVILLE, TN	1	1	100%	2	2	100%	None
BONE EXTREME, MORGANTOWN, KY	1	0	0%	8	7	88%	1 Vitamin A
BOWLIN FEED INC, ALBANY, KY	1	0	0%	9	7	78%	1 Phosphorus, Min 1 Magnesium
BREEDERS CHOICE PET FOODS INC, IRWINDALE, CA	10	10	100%	127	127	100%	None
BROOKSVILLE FARM SUPPLY, BROOKSVILLE, KY	3	1	33%	15	11	73%	1 Crude Protein 1 Calcium, Min 1 Phosphorus, Min 1 Zinc
BROWN & FORMAN DISTILLERY, LOUISVILLE, KY	3	3	100%	10	10	100%	None
BRUMFIELD HAY & GRAIN, LEXINGTON, KY	1	1	100%	9	9	100%	None
BUCK BOMB, CROFTON, MD	1	1	100%	1	1	100%	None
BUCKEYE NUTRITION, DALTON, OH	3	2	67%	30	29	97%	1 Crude Fat, Min
BUFFALO TRACE DISTILLERY INC, FRANKFORT, KY	3	2	67%	11	10	91%	1 Crude Protein
BUNGE NORTH AMERICA (EAST) LLC, MORRISTOWN, IN	9	9	100%	15	15	100%	None

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Name	Samples			Tests			Violations
	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
BUNGE NORTH AMERICA INC, CAIRO, IL	27	22	81%	45	40	89%	4 Crude Protein 1 Crude Fiber, Max
BURKMANN FEEDS OF EDMONTON, EDMONTON, KY	13	9	69%	85	78	92%	1 Phosphorus, Min 1 Salt, Min 1 Vitamin A 2 Chlortetracycline 2 Lasalocid
BURKMANN FEEDS, BOWLING GREEN, KY	3	1	33%	12	10	83%	2 Calcium, Min
BURKMANN FEEDS, DANVILLE, KY	79	66	84%	578	563	97%	1 Crude Protein 6 Crude Fat, Min 2 Phosphorus, Min 1 Copper 1 Iron 1 Magnesium 2 Selenium 1 Decoquinat
BURKMANN FEEDS, GLASGOW, KY	52	43	83%	195	185	95%	3 Crude Protein 2 Phosphorus, Min 4 Salt, Min 1 Lasalocid
BURKMANN FEEDS, HARNED, KY	14	10	71%	87	81	93%	1 Crude Protein 1 Crude Fiber, Max 1 Calcium, Min 1 Salt, Min 2 Copper
BURKMANN FEEDS, LONDON, KY	9	7	78%	35	33	94%	1 Crude Protein 1 Calcium, Min
BUSCH AGRICULTURAL RESOURCES, JONESBORO, AR	2	2	100%	5	5	100%	None
C & F FARM SUPPLY, HISEVILLE, KY	1	0	0%	8	7	88%	1 Copper
C3 FEED & FARM LLC, BOWLING GREEN, KY	5	4	80%	27	26	96%	1 Crude Protein
CALCIUM PRODUCTS, SWAYZEE, IN	1	1	100%	1	1	100%	None
CALHOUN FEED SERVICE LLC, MADISONVILLE, KY	3	2	67%	20	19	95%	1 Crude Protein
CANEYVILLE MILLING INC, CANEYVILLE, KY	46	42	91%	154	150	97%	2 Crude Protein 2 Crude Fiber, Max
CANIDAE CORPORATION, NORCO, CA	6	5	83%	79	78	99%	1 Ash
CARDINAL LABORATORIES INC, AZUSA, CA	4	4	100%	21	21	100%	None
CARGILL - CORN MILLING DIV, DAYTON, OH	2	2	100%	4	4	100%	None
CARGILL ANIMAL NUTRITION, MINNEAPOLIS, MN	13	10	77%	100	96	96%	1 Crude Fat, Min 1 Copper 1 Potassium 1 Vitamin A
CARGILL DRY CORN INGREDIENTS, PARIS, IL	1	1	100%	2	2	100%	None
CARGILL INC - PROCESSING GROUP, LAFAYETTE, IN	1	1	100%	2	2	100%	None
CARGILL INCORPORATED, MINNEAPOLIS, MN	11	9	82%	30	28	93%	2 Crude Fiber, Max
CARGILL NUTRENA FEEDS, FLORA, IL	2	2	100%	10	10	100%	None
CARNIVORE MEAT CO. LLC, GREEN BAY WI	1	0	0%	12	10	83%	1 AH Fat 1 Copper
CAROLINA PRIME PET, MURPHY, NC	1	1	100%	2	2	100%	None
CASTOR & POLLUX PET WORKS, AMARILLO, TX	6	6	100%	73	73	100%	None
CENTRAL AQUATIC, FRANKLIN, WI	2	2	100%	6	6	100%	None
CENTRAL FARM SUPPLY, LOUISVILLE, KY	20	13	65%	106	98	92%	2 Crude Protein 2 Crude Fiber, Max 2 Copper 1 Potassium 1 Amprolium
CENTRAL FARMERS SUPPLY, GREENSBURG, KY	13	12	92%	54	53	98%	1 Copper

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	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
CHAMPION PETFOODS LP, CANADA TSS 2W6	3	3	100%	36	36	100%	None
CHAMPS SUPPLEMENTS, ITHACA, MI	1	1	100%	9	9	100%	None
CHARLEE BEAR FARMS INC, ST FRANCIS, WI	2	2	100%	4	4	100%	None
CHS INC, INVER GROVE HEIGHTS, MN	1	1	100%	6	6	100%	None
CHUCKANUT, JEFFERSON, OR	1	0	0%	3	2	67%	1 AH Fat
CITRUS WORLD INC (10/13), LAKE WALES, FL	2	2	100%	4	4	100%	None
CLEMENTS AGRI-SUPPLY INC, SPRINGFIELD, KY	7	5	71%	37	35	95%	1 Calcium, Min 1 Potassium
CLOUD STAR, SAN LUIS OBISPO, CA	3	3	100%	9	9	100%	None
COMMONWEALTH AGRI-ENERGY LLC, HOPKINSVILLE, KY	11	10	91%	39	38	97%	1 Aflatoxin
CONSOLIDATED GRAIN & BARGE, MT VERNON, IN	11	11	100%	22	22	100%	None
CONSUMERS SUPPLY DISTRIBUTING, NORTH SIOUX CITY, SD	2	1	50%	8	7	88%	1 Vitamin A
COPPER RIVER SEAFOODS, ANCHORAGE, AK	1	0	0%	3	2	67%	1 Moisture
CORTA-FLX INC, AIKEN, SC	2	2	100%	3	3	100%	None
COUNTRY ACRES FEED CO INC, BRENTWOOD, MO	4	3	75%	21	20	95%	1 Oxytetracycline
COUNTRY CREEK BAKERY, HARVARD, IL	1	0	0%	3	2	67%	1 Moisture
COX VETERINARY LABORATORY, CHESTER, SC	1	0	0%	9	8	89%	1 Phosphorus, Min
CPC COMMODITIES LLC, FOUNTAIN RUN, KY	77	61	79%	405	384	95%	8 Crude Protein 7 Salt, Min 4 Copper 1 Selenium 1 Lasalocid
CREEKSIDE FEED & FARM, MARION, KY	6	4	67%	36	34	94%	1 Crude Fat, Min 1 Zinc
CUB RUN MILLING CO, CANMER, KY	2	1	50%	9	8	89%	1 Crude Protein
CULLMAN BLEND MILL, CULLMAN, AL	6	6	100%	29	29	100%	None
CUSTOM BLENDERS INDIANA INC, TERRE HAUTE, IN	1	0	0%	9	8	89%	1 Crude Protein
CUSTOM FEED MILL LLC, MORGANFIELD, KY	3	3	100%	23	23	100%	None
D & D COMMODITIES, STEPHEN, MN	1	0	0%	3	2	67%	1 Crude Fat, Min
D & R METAL & AG SUPPLY, GREENUP, KY	1	1	100%	5	5	100%	None
DABNEY FEED & SUPPLY, SOMERSET, KY	2	1	50%	6	3	50%	1 Crude Protein 1 Calcium, Min 1 Salt, Min
DAD'S PET CARE INC, MEADVILLE, PA	4	4	100%	50	50	100%	None
DARLING INTERANTIONAL INC, IRVING, TX	3	3	100%	10	10	100%	None
DAY & DAY FEED MILL, COLUMBIA, KY	6	5	83%	34	33	97%	1 Calcium, Min
DAYBREAK OUTDOORS LLC, DEXTER, KY	3	1	33%	27	25	93%	2 Iron
DEL MONTE PET PRODUCTS, PITTSBURGH, PA	17	15	88%	178	176	99%	1 Sodium 1 Ash
DELCA CORP, LAGUNA NIGUEL, CA	2	2	100%	8	8	100%	None
DELTA OIL MILL INC, JONESTOWN, MS	1	1	100%	2	2	100%	None
DESIGNING HEALTH INC, VALENCIA, CA	2	2	100%	8	8	100%	None
DIAMOND PET FOODS CO, META, MO	16	14	88%	132	130	98%	2 Crude Protein
DIAMOND V MILLS INC, CEDAR RAPIDS, IA	1	1	100%	3	3	100%	None
DICK VAN PATTEN'S, PACOIMA, CA	11	10	91%	135	134	99%	1 Manganese
DINOVITE INC, CRITTENDEN, KY	4	4	100%	20	20	100%	None
DIVERSIFIED INGREDIENTS, ST LOUIS, MO	1	1	100%	1	1	100%	None
DOG FOR DOG, SANTA MONICA, CA	1	1	100%	4	4	100%	None
DOLGENCORP LLC, GOODLETTSVILLE, TN	12	12	100%	143	143	100%	None
DR HARVEY'S, ATLANTIC HIGHLANDS, NJ	1	1	100%	2	2	100%	None
DURANGO PET PRODUCTS, INC., IRWINDALE, CA	3	3	100%	9	9	100%	None
DURVET INC, BLUE SPRINGS, MO	4	3	75%	13	12	92%	1 Potassium

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DZA BRANDS LLC, SALISBURY, NC	14	12	86%	169	167	99%	1 AH Fat 1 Magnesium
EARTH ANIMAL, WESTPORT, CT	1	1	100%	2	2	100%	None
ELANCO ANIMAL HEALTH, GREENFIELD, IN	6	6	100%	7	7	100%	None
ENERGY FEEDS INTERNATIONAL, SAN LEANDRO, CA	1	1	100%	1	1	100%	None
EST LLC, COVINGTON, GA	1	1	100%	3	3	100%	None
ETHICAL PRODUCT INC, BLOOMFIELD, NJ	1	1	100%	3	3	100%	None
ETTA SAYS LLC, ST LOUIS, MO	1	0	0%	3	2	67%	1 Crude Protein
EVANGERS DOG & CAT FOOD CO INC, WHEELING, IL	5	1	20%	36	31	86%	1 Crude Protein 4 AH Fat
EVOLVED HABITATS, NEW ROADS, LA	7	5	71%	31	29	94%	1 Iron 1 Sodium
EXCLUSIVELY PET INC, MILWAUKEE, WI	3	2	67%	9	7	78%	1 Crude Fat, Min 1 Moisture
EXTREME HUNTING SOLUTIONS, CENTERVILLE, IA	2	2	100%	22	22	100%	None
F M BROWNS SONS INC, SINKING SPRING, PA	6	6	100%	20	20	100%	None
F/K/A BLUE SEAL FEEDS INC, MUSCATINE, IA	2	0	0%	12	9	75%	2 AH Fat 1 Calcium, Min
FAITHWAY FEED CO INC, GUNTERSVILLE, AL	5	3	60%	48	46	96%	1 Calcium, Min 1 Iron
FAMILY DOLLAR SERVICES, CHARLOTTE, NC	4	4	100%	48	48	100%	None
FARMER'S CHOICE FEED MILL, KIRKSEY, KY	3	3	100%	12	12	100%	None
FARMERS FEED MILL, LEXINGTON, KY	18	11	61%	110	102	93%	1 Crude Protein 2 Calcium, Min 1 Salt, Min 1 Selenium 1 Vitamin A 1 Decoquinat 1 Copper
FARNAM CO/HORSE PRODUCTS DIV, PHOENIX, AZ	6	4	67%	32	29	91%	1 Crude Fat, Min 1 Calcium, Min 1 Vitamin A
FEED PRODUCTS SOUTH, INC., ST. LOUIS, MO	1	1	100%	2	2	100%	None
FEED SOLUTIONS, ST LOUIS, MO	2	2	100%	28	28	100%	None
FEEDERS SUPPLY COMPANY, LOUISVILLE, KY	1	1	100%	3	3	100%	None
FINISH LINE HORSE PRODUCTS, BENSENVILLE, IL	1	1	100%	10	10	100%	None
FIVE STAR FEED SERVICE, HOPKINSVILLE, KY	6	5	83%	37	36	97%	1 Copper
FORMAX FEEDS, DANVILLE, KY	14	11	79%	101	98	97%	1 Calcium, Min 2 Salt, Min
FRANK HINTON & SON, FLEMINGSBURG, KY	8	5	63%	35	32	91%	2 Crude Protein 1 Crude Fiber, Max
FREDS INC - TERRY JOHNSON, MEMPHIS, TN	8	7	88%	86	85	99%	1 Calcium, Min
FRESH PET, SECAUCUS, NJ	3	2	67%	38	36	95%	1 Calcium, Min 1 Phosphorus, Min
FROMM FAMILY FOODS LLC, MEQUON, WI	2	1	50%	25	24	96%	1 AH Fat
GATEWAY PRODUCTS INC, HOLLY, CO	1	1	100%	11	11	100%	None
GHC MILLING, FORDSVILLE, KY	6	6	100%	26	26	100%	None
GILLIAMS FARM SUPPLY, OLIVE HILL, KY	1	1	100%	5	5	100%	None
GIMBORN SPECIALTIES LLC, ATLANTA, GA	1	0	0%	3	1	33%	1 Crude Protein 1 AH Fat
GLO-MARR PRODUCTS, INC., LAWRENCEBURG, KY	1	0	0%	13	11	85%	1 Crude Fat, Min 1 Vitamin A
GOLDENROD FEEDS LLC, LIBERTY, KY	12	11	92%	47	46	98%	1 Crude Protein
GRAHAM FEED CO, TERRE HAUTE, IN	1	1	100%	5	5	100%	None
GRAIN PROCESSING CORPORATION, WASHINGTON, IN	7	7	100%	16	16	100%	None

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GRANDMA LUCY'S, LLC, RANCHO SANTA MARGARITA, CA	2	1	50%	15	11	73%	1 Crude Protein 1 AH Fat 1 Sodium 1 Zinc
GRANDMA MAE'S COUNTRY NATURALS, NEW YORK, NY	2	2	100%	25	25	100%	None
GREAT HARVEST BREAD CO., LEXINGTON, KY	1	1	100%	2	2	100%	None
GREEN PLAINS OBION, RIVES, TN	1	1	100%	6	6	100%	None
GREEN RIVER FEED MILL, MORGANTOWN, KY	19	7	37%	83	66	80%	5 Crude Protein 4 Calcium, Min 6 Phosphorus, Min 2 Zinc
GREENBRIER INTERNATIONAL, CHESAPEAKE, VA	3	3	100%	38	38	100%	None
GREENLEAF COMMODITIES, DANVILLE, KY	2	2	100%	10	10	100%	None
GREENPOINT AG (5/13), HARDINSBURG, KY	2	2	100%	11	11	100%	None
GREENPOINT AG, HARDINSBURG, KY	1	1	100%	5	5	100%	None
GRIFFIN INDUSTRIES INC, BUTLER, KY	3	3	100%	9	9	100%	None
H & G LIMESTONE/EDDYVILLE, ELIZABETHTOWN, IL	1	1	100%	3	3	100%	None
HALO-PURELY FOR PETS, TAMPA, FL	6	5	83%	61	60	98%	1 Magnesium
HANBY FARMS FEED & SUPPLY, NASHPORT, OH	2	2	100%	8	8	100%	None
HAPPY HEN TREATS, BOERNE, TX	1	1	100%	1	1	100%	None
HARBOR POINT MINERAL PRODUCTS, UTICA, NY	2	0	0%	21	18	86%	1 Iron 1 Manganese 1 Selenium
HBH ENTERPRISES, SPRINGVILLE, UT	1	1	100%	3	3	100%	None
HEALTHPRO NUTRITION, SOUTH EL MONTE, CA	1	0	0%	3	2	67%	1 AH Fat
HEALTHY DOGMA, LAKE ORION, MI	1	1	100%	2	2	100%	None
HEALTHY ELEMENTS LLC, WILMINGTON, DE	2	2	100%	15	15	100%	None
HEARTBREAK RIDGE FARM SUPPLY, CLAY CITY, KY	1	0	0%	6	2	33%	1 Crude Protein 1 Copper 1 Selenium 1 Decoquinat
HEARTLAND WILDLIFE INSTITUTE, UPPER SANDUSKY, OH	1	1	100%	10	10	100%	None
HIKARI SALES USA INC, HAYWARD, CA	3	3	100%	8	8	100%	None
HILLS PET NUTRITION INC, TOPEKA, KS	12	11	92%	114	113	99%	1 Crude Fiber, Max
HOLISTIC BLEND, ONTARIO, CANADA	1	1	100%	12	12	100%	None
HOOVERS FEED MILL, SCOTTSVILLE, KY	13	11	85%	73	71	97%	2 Zinc
HORIZON MFG INC/ACCT DEPT, CANADA T2Z 3V7	2	1	50%	24	22	92%	1 AH Fat 1 Sodium
HORSE HEALTH PRODUCTS, PHOENIX, AZ	1	1	100%	4	4	100%	None
HOUNDS & HORSES, LLC, GEORGETOWN, KY	1	1	100%	3	3	100%	None
HUBBARD FEEDS INC, HOPKINSVILLE, KY	51	40	78%	382	368	96%	2 Crude Protein 1 Calcium, Min 1 Phosphorus, Min 1 Salt, Min 2 Iron 1 Magnesium 2 Selenium 1 Zinc 3 Vitamin A
HUBBARD FEEDS INC, MANKATO, MN	14	12	86%	112	110	98%	1 Calcium, Min 1 Vitamin A
HUBBARD FEEDS INC, SHIPSHEWANA, IN	1	1	100%	6	6	100%	None
HUBBARD MILLING CO, BOTKINS, OH	1	1	100%	5	5	100%	None
HUNTERS SPECIALTIES INC, CEDAR RAPIDS, IA	4	3	75%	18	17	94%	1 Potassium

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HUVEPHARMA INC, PEACHTREE CITY, GA	1	1	100%	2	2	100%	None
HYLAND CO INC, ASHLAND, KY	12	10	83%	147	145	99%	2 Calcium, Min
IAMS FOOD COMPANY, MASON, OH	18	18	100%	224	224	100%	None
IMS PET INDUSTRIES, WOOD RIDGE, NJ	3	3	100%	6	6	100%	None
INGREDION, INC., INDIANAPOLIS, IN	1	1	100%	4	4	100%	None
INTEGRITY FEEDS LLC, HARDIN, KY	1	1	100%	6	6	100%	None
INTEGRITY FEEDS LLC, OWENSBORO, KY	2	2	100%	12	12	100%	None
INTEGRITY FEEDS LLC, PARK CITY, KY	37	29	78%	204	196	96%	1 Crude Fat, Min 2 Crude Protein 2 Calcium, Min 3 Phosphorus, Min
INTER AMERICAN, CINCINNATI, OH	2	1	50%	6	5	83%	1 AH Fat
INTERNATIONAL PET FOODS CO, MIAMI, FL	2	2	100%	24	24	100%	None
ISLAND RIVER DEVELOPMENT INC., VERO BEACH, FL	1	1	100%	2	2	100%	None
ISLE OF DOGS CORPORATION, GERMANTOWN, WI	1	1	100%	4	4	100%	None
J & H FEED & TACK INC, STAFFORDSVILLE, KY	7	4	57%	33	26	79%	2 Crude Protein 2 Calcium, Min 2 Phosphorus, Min 1 Copper
J E RONICKER LABS INC, WEST MILTON, OH	2	2	100%	13	13	100%	None
JABETOWN MILL, EWING, KY	12	5	42%	37	35	95%	2 Crude Protein
JACK'S PET, BEAVERCREEK, OH	1	1	100%	3	3	100%	None
JAKKS PACIFIC INC, MALIBU, CA	5	5	100%	12	12	100%	None
JEFFRIES FEED SEED & SUPPLY, CAMPBELLSVILLE, KY	4	4	100%	12	12	100%	None
JIM BEAM BRANDS, BOSTON, KY	4	3	75%	6	5	83%	1 Crude Protein
JIM BEAM BRANDS, CLERMONT, KY	3	3	100%	11	11	100%	None
JOHN A VAN DEN BOSCH CO., HOLLAND, MI	1	1	100%	13	13	100%	None
JOHN EWING COMPANY, LA SALLE, CO	1	0	0%	10	9	90%	1 Vitamin A
JONES NATURAL CHEWS CO, ROCKFORD, IL	1	1	100%	3	3	100%	None
JT ENTERPRISES, MYRA, KY	2	1	50%	10	9	90%	1 Crude Protein
K9 GRANOLA FACTORY, THOMASVILLE, PA	3	2	67%	9	7	78%	1 Crude Protein 1 Crude Fat, Min
KALMBACH FEEDS INC, UPPER SANDUSKY, OH	32	28	88%	224	219	98%	1 Crude Protein 1 Phosphorus, Min 2 Selenium 1 Zinc
KASEL INDUSTRIES, DENVER, CO	1	1	100%	2	2	100%	None
KAYTEE PRODUCTS INC, CHILTON, WI	11	11	100%	40	40	100%	None
KDR PET TREATS LLC, FRESNO, CA	1	1	100%	3	3	100%	None
KENT FEEDS INC, LOUISVILLE, KY	2	0	0%	25	22	88%	1 Magnesium 1 Potassium 1 Zinc
KENT NUTRITION GROUP INC, MUSCATINE, IA	25	21	84%	226	220	97%	2 Crude Protein 2 AH Fat 1 Copper 1 Zinc
KENTUCKY PERFORMANCE PRODUCTS, VERSAILLES, KY	1	1	100%	3	3	100%	None
KLN ENTERPRISES INC, PERHAM, MN	4	3	75%	34	33	97%	1 Ash
K-MART CORPORATION, HOFFMAN ESTATES, IL	10	10	100%	103	103	100%	None

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	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
KNS (KENTUCKY NUTRITION SVC), LAWRENCEBURG, KY	17	9	53%	180	160	89%	1 Calcium, Min 3 Phosphorus, Min 1 Cobalt 2 Copper 1 Iron 3 Magnesium 3 Manganese 2 Selenium 2 Sodium 1 Zinc 1 Vitamin A
KOCH CHINCHILLA RANCH, CINCINNATI, OH	1	1	100%	5	5	100%	None
KONG COMPANY, GOLDEN, CO	2	1	50%	7	5	71%	1 Crude Protein 1 Crude Fat, Min
KRAMERS MILL INC (1/14), OWENSBORO, KY	3	2	67%	21	19	90%	1 Phosphorus, Min 1 Selenium
KRAMERS MILL INC, HOLLAND, IN	1	0	0%	2		0%	1 Crude Protein 1 Crude Fat, Min
KROGER, CINCINNATI, OH	17	17	100%	174	174	100%	None
LAKE CUMBERLAND FEED/FARM SPLY, RUSSELL SPRINGS, KY	2	1	50%	8	7	88%	1 Crude Protein
LAND O'LAKES PURINA FEED LLC, SHOREVIEW, MN	6	5	83%	35	34	97%	1 Crude Protein
LEBANON SEABOARD/BINGHAMPTON, LEBANON, PA	1	1	100%	3	3	100%	None
LESTER STUTZMAN FEED MILL, MARION, KY	9	8	89%	36	35	97%	1 Acid Detergent Fiber
LHOIST NORTH AMERICA OF TN INC, BRENTWOOD, TN	2	2	100%	2	2	100%	None
LIFE DATA LABS INC, CHEROKEE, AL	1	0	0%	13	12	92%	1 Calcium, Min
LINCOLNLAND AGRI-ENERGY, PALESTINE, IL	3	3	100%	12	12	100%	None
LOWES PELLETS & GRAIN INC, GREENSBURG, IN	6	6	100%	27	27	100%	None
LUTTRULL FEED SERVICE, PEMBROKE, KY	3	3	100%	19	19	100%	None
M & W MILLING COMPANY INC, COLUMBIA, KY	4	0	0%	22	18	82%	1 Calcium, Min 1 Copper 1 Zinc 1 Lasalocid
MANNA PRO CORPORATION, CHAMBLEE, GA	1	1	100%	8	8	100%	None
MANNA PRO PRODUCTS, LLC, CHESTERFIELD, MO	10	9	90%	75	73	97%	1 Iron 1 Vitamin A
MAPLE CREST FARM, MANCHESTER, KY	1	1	100%	2	2	100%	None
MARION FEED MILL INC, MARION, KY	7	6	86%	39	37	95%	1 Salt, Min 1 Zinc
MARS FISHCARE NORTH AMERICA, CHALFONT, PA	3	1	33%	13	11	85%	1 Crude Fat, Min 1 Crude Fiber, Max
MARS PETCARE US INC, FRANKLIN, TN	17	17	100%	152	152	100%	None
MARSHALL PET PRODUCTS, WOLCOTT, NY	3	3	100%	9	9	100%	None
MAR-VO MINERAL CO INC, OSSEO, MI	1	1	100%	3	3	100%	None
MAXIMUM DRAW PRODUCTS, ARLINGTON, KY	4	0	0%	37	31	84%	4 Iron 2 Magnesium
MAXIMUM PERFORMANCE, INC 3/14, LOUISVILLE, KY	1	0	0%	9	8	89%	1 Iron
MAYS LICK MILL, MAYS LICK, KY	4	3	75%	28	27	96%	1 Chlortetracycline
MAZELIN FEED MILL, SCOTTSVILLE, KY	13	9	69%	67	61	91%	2 Crude Protein 2 Phosphorus, Min 2 Salt, Min
MCCAULEY BROS INC, VERSAILLES, KY	15	14	93%	82	81	99%	1 Calcium, Min
MCGAHAN & COMPANY, PAINTSVILLE, KY	7	6	86%	37	36	97%	1 Calcium, Min

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	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
MCRAY FEED LLC, HARRODSBURG, KY	18	13	72%	91	84	92%	1 Calcium, Min 3 Salt, Min 3 Zinc
MEIJER INC, GRAND RAPIDS, MI	8	8	100%	72	72	100%	None
MELICK AQUA FEED INC, CATAWISSA, PA	6	5	83%	18	17	94%	1 Phosphorus, Min
MENARD INC, EAU CLAIRE, WI	4	2	50%	19	17	89%	2 Crude Fat, Min
MENNEL MILLING COMPANY, FOSTORIA, OH	1	1	100%	2	2	100%	None
MERRICK PET CARE INC, AMARILLO, TX	11	7	64%	131	125	95%	1 AH Fat 1 Calcium, Min 2 Phosphorus, Min 1 Iron 1 Moisture
MFS ALLIANCE INC, EDMONTON, KY	2	2	100%	10	10	100%	None
MGPI OF INDIANA LLC, LAWRENCEBURG, IN	1	0	0%	3	2	67%	1 Crude Fat, Min
MICRONUTRIENTS, INDIANAPOLIS, IN	1	1	100%	1	1	100%	None
MID AMERICA PET FOOD LLC, MT PLEASANT, TX	6	3	50%	73	69	95%	1 Crude Protein 1 AH Fat 2 Calcium, Min
MID-STATES DISTRIBUTING CO, ST. PAUL, MN	4	4	100%	39	39	100%	None
MIDWEST AGRI COMMODITIES CO, SAN RAFAEL, CA	1	1	100%	3	3	100%	None
MIDWESTERN PET FOODS INC, EVANSVILLE, IN	15	13	87%	172	170	99%	1 AH Fat 1 Calcium, Min
MILK PRODUCTS, CHILTON, WI	1	1	100%	5	5	100%	None
MILK SPECIALTIES GLOBAL, EDEN PRAIRIE, MN	3	3	100%	17	17	100%	None
MILO'S KITCHEN LLC, PITTSBURGH, PA	1	1	100%	3	3	100%	None
MISSISSIPPI LIME CO, ST LOUIS, MO	2	2	100%	2	2	100%	None
MORTON SALT INC, CHICAGO, IL	1	1	100%	6	6	100%	None
MOSAIC CROP NUTRITION LLC, LITHIA, FL	3	3	100%	9	9	100%	None
MOUNTAIN COUNTRY FOODS, OKEENE, OK	1	1	100%	6	6	100%	None
MOYER & SON INC, SOUDERTON, PA	2	1	50%	7	6	86%	1 Crude Fat, Min
MRS PASTURES COOKIES FOR HORSE, WALNUT CREEK, CA	2	2	100%	5	5	100%	None
MVP SELECT NUTRITION, INC., ZIONSVILLE, IN	1	1	100%	7	7	100%	None
MYERS FEED & FARM SUPPLY, CORINTH, KY	3	3	100%	23	23	100%	None
NATURA PET PRODUCTS, FREMONT, NE	7	5	71%	87	83	95%	2 Calcium, Min 2 Phosphorus, Min
NATURAL WAY FEEDS LLC, CLARE, MI	7	3	43%	35	29	83%	1 Crude Protein 1 Crude Fiber, Max 1 Salt, Min 1 Selenium 2 Zinc
NATURES ANIMALS INC, MAMARONECK, NY	3	3	100%	9	9	100%	None
NATURES LOGIC, LINCOLN, NE	2	1	50%	24	23	96%	1 AH Fat
NATURES RECIPE PET FOODS, PITTSBURGH, PA	6	5	83%	66	65	98%	1 Calcium, Min
NATURES VARIETY, LINCOLN, NE	5	5	100%	62	62	100%	None
NEOGEN CORP, LEXINGTON, KY	1	0	0%	9	8	89%	1 Cobalt
NESTLE PURINA PETCARE CO, ST LOUIS, MO	25	25	100%	237	237	100%	None
NEWMANS OWN ORGANICS, APTOS, CA	3	2	67%	19	18	95%	1 AH Fat
NORTH AMERICAN SALT CO, OVERLAND PARK, KS	3	3	100%	15	15	100%	None
NORTHDOWN INDUSTRIES/NORMERICA, CANADA L5G 4S1	1	0	0%	2	1	50%	1 Moisture
NORTHERN PET PRODUCTS, INC., ONTARIO, CANADA	2	1	50%	6	5	83%	1 Crude Protein
NOVARTIS ANIMAL HEALTH US INC, GREENSBORO, NC	1	1	100%	2	2	100%	None
NU TECH BIOSCIENCES INC, ONEIDA, NY	3	2	67%	6	5	83%	1 Crude Protein
NULO INC, AUSTIN, TX	4	3	75%	48	47	98%	1 AH Fat

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NUMMY TUM TUM, CORVALLIS, OR	2	1	50%	5	4	80%	1 Crude Protein
NUNN MILLING COMPANY INC, EVANSVILLE, IN	4	4	100%	29	29	100%	None
NUTRA BLEND CORP, NEOSHO, MO	7	7	100%	18	18	100%	None
NUTRAMAX LABORATORIES, INC., LANCASTER, SC	1	1	100%	1	1	100%	None
NUTRENA, MINNEAPOLIS, MN	9	5	56%	78	71	91%	2 Crude Protein 1 Crude Fat, Min 1 Calcium, Min 1 Phosphorus, Min 1 Magnesium 1 Vitamin A
NUTRO PRODUCTS INC, FRANKLIN, TN	19	19	100%	171	171	100%	None
ODOM'S LIVESTOCK SUPPLY, MAYFIELD, KY	11	7	64%	79	75	95%	2 Crude Protein 2 Potassium
OMEGA PAW INC, CANADA N4X 1A2	3	3	100%	8	8	100%	None
OMEGA SEA LTD, PAINESVILLE, OH	3	2	67%	9	8	89%	1 Crude Fat, Min
ON TRAXX SUPPLY INC, WEST VIEW, KY	1	1	100%	7	7	100%	None
ORSCHL N FARM & HOME, MOBERLY, MO	2	2	100%	26	26	100%	None
OVERTON-PICKETT FARMERS COOP, LIVINGSTON, TN	2	2	100%	7	7	100%	None
OWENSBORO GRAIN CO INC, OWENSBORO, KY	48	46	96%	82	80	98%	2 Crude Fiber, Max
OXBOW ENTERPRISES, MURDOCK, NE	1	1	100%	7	7	100%	None
PACIFIC COAST DISTRIBUTING, PHOENIX, AZ	11	11	100%	123	123	100%	None
PATCHWORK DISTRIBUTION INC, CORONA, CA	2	2	100%	26	26	100%	None
PENN PAK INC, MADISON, GA	1	0	0%	3	2	67%	1 Calcium, Min
PENNFIELD ANIMAL HEALTH, OMAHA, NE	4	4	100%	4	4	100%	None
PENNFIELD CORPORATION (2/13), LANCASTER, PA	1	1	100%	7	7	100%	None
PEPPER'S HARDIN CO MILLING CO, ELIZABETHTOWN, KY	2	1	50%	6	5	83%	1 Salt, Min
PERDUE FARMS INC., LIVERMORE, KY	3	3	100%	20	20	100%	None
PERFORMANCE FEEDS, LANCASTER, KY	8	7	88%	49	47	96%	1 Crude Fiber, Max 1 Phosphorus, Min
PERFORMANCE FEEDS, RED BOILING SPGS, TN	20	16	80%	127	121	95%	1 Crude Fiber, Max 1 Calcium, Min 2 Phosphorus, Min 1 Copper 1 Vitamin A
PERFORMANCE PET NUTRITION, DURANGO, CO	3	3	100%	8	8	100%	None
PERFORMANCE PET PRODUCTS LLC, MITCHELL, SD	5	4	80%	49	48	98%	1 Phosphorus, Min
PERFORMANCE SEED, ST. CLOUD, MN	3	3	100%	9	9	100%	None
PET BRANDS, COLUMBUS, OH	3	3	100%	7	7	100%	None
PET KING, JAMAICA, NY	2	2	100%	5	5	100%	None
PET-AG INC, HAMPSHIRE, IL	3	3	100%	13	13	100%	None
PETCHUP INC., WESTMINSTER, CO	1	1	100%	1	1	100%	None
PETCUREAN PET NUTRITION, CANADA V2R 5M3	6	4	67%	74	72	97%	1 AH Fat 1 Calcium, Min
PETGUARD INC, GREEN COVE SPGS, FL	3	3	100%	40	40	100%	None
PETKIND, WHITE ROCK, BRITISH COLUMBIA	1	0	0%	5	4	80%	1 AH Fat
PETRAPPOR INC, NORTH BERGEN, NJ	1	1	100%	3	3	100%	None
PETROPICS LLC, CARLSBORG, WA	2	2	100%	8	8	100%	None
PETS GLOBAL INC, GARDENA, CA	7	7	100%	91	91	100%	None
PETSPORT USA, PITTSBURG, CA	1	1	100%	3	3	100%	None
PFIZER INC, MADISON, NJ	2	1	50%	8	7	88%	1 Salt, Min
PHARMACIA & UPJOHN CO, KALAMAZOO, MI	1	1	100%	1	1	100%	None
PMI NUTRITION INTL INC, BRENTWOOD, MO	11	10	91%	112	111	99%	1 Salt, Min
PMI NUTRITIONAL INTL INC, ST LOUIS, MO	1	1	100%	7	7	100%	None

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PRECISE PET PRODUCTS, NACOGDOCHES, TX	3	3	100%	37	37	100%	None
PRETTY BIRD INTL INC, STACY, MN	1	1	100%	2	2	100%	None
PREWITTS FEED & FARM SUPPLY, WILLIAMSBURG, KY	3	2	67%	18	14	78%	1 Calcium, Min 1 Phosphorus, Min 1 Salt, Min 1 Zinc
PRIMAL PET FOODS INC, SAN MATEO, CA	1	0	0%	2	1	50%	1 Crude Protein
PRIMOS HUNTING CALLS, FLORA, MS	1	0	0%	7	6	86%	1 Sodium
PRINCE AGRI PRODUCTS INC, QUINCY, IL	1	1	100%	1	1	100%	None
PRODUCER FEEDS, LOUISVILLE, KY	6	4	67%	41	38	93%	1 Crude Fat, Min 1 Calcium, Min 1 Magnesium
PROFESSIONAL PET CO, META, MO	5	4	80%	63	62	98%	1 Crude Protein
PROGRESSIVE NUTRITION, BROOKVILLE, OH	4	4	100%	30	30	100%	None
PRO-PET LLC, ST MARYS, OH	4	3	75%	17	16	94%	1 AH Fat
PROVIMI NORTH AMERICA INC, BROOKVILLE, OH	4	2	50%	30	26	87%	2 Crude Protein 1 Phosphorus, Min 1 Lasalocid
PURINA ANIMAL NUTRITION LLC, SHOREVIEW, MN	4	4	100%	34	34	100%	None
PURINA ANIMAL NUTRITION LLC, ST PAUL, MN	4	4	100%	25	25	100%	None
PURINA MILLS INC, FRANKFORT, IN	3	3	100%	18	18	100%	None
PURINA MILLS INC, MILFORD, IN	2	2	100%	15	15	100%	None
PURINA MILLS INC, NASHVILLE, TN	41	37	90%	244	239	98%	3 Salt, Min 1 Sodium 1 Sulfamethazine
PURINA MILLS INC, ST. LOUIS, MO	22	21	95%	147	145	99%	1 Crude Protein 1 Salt, Min
PURINA MILLS INC, VANDALIA, IL	5	5	100%	43	43	100%	None
PURINA MILLS, EVANSVILLE, IN	10	7	70%	116	113	97%	1 Phosphorus, Min 1 Cobalt 1 Vitamin A
RACK EXPLOSION, FRANKLIN, KY	1	1	100%	9	9	100%	None
RACK ONE, SANFORD, MI	1	0	0%	10	7	70%	1 Calcium 1 Cobalt 1 Potassium
RALCO NUTRITION INC, MARSHALL, MN	1	1	100%	5	5	100%	None
RED A FEEDS, MANKATO, MN	11	9	82%	58	56	97%	2 Zinc
REDBARN PET PRODUCTS LLC, GREAT BEND, KS	7	7	100%	52	52	100%	None
RENAISSANCE NUTRITION INC, ROARING SPRING, PA	10	3	30%	82	68	83%	5 Crude Protein 1 Crude Fat, Min 1 Salt, Min 1 Magnesium 4 Selenium 1 Sodium 1 Vitamin A
REP CAL RESEARCH LABS, LOS GATOS, CA	1	1	100%	4	4	100%	None
RESOLVE SUSTAINABLE SOLUTIONS, FORT DODGE, IA	2	2	100%	10	10	100%	None
RICHDEL INC, CARSON CITY, NV	1	0	0%	9	7	78%	1 Iron 1 Manganese
RIDLEY BLOCK OPERATIONS, FLEMINGSBURG, KY	26	15	58%	261	245	94%	5 Crude Protein 3 Calcium, Min 2 Phosphorus, Min 1 Cobalt 1 Magnesium 1 Selenium 3 Vitamin A

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RIDLEY BLOCK OPERATIONS, MANKATO, MN	9	5	56%	79	73	92%	1 Phosphorus, Min 1 Salt, Min 1 Copper 1 Manganese 1 Selenium 1 Vitamin A
RIDLEY FEED INGREDIENT MENDOTA, MENDOTA, IL	1	1	100%	1	1	100%	None
RIP'S FARM CENTER, TOLLESBORO, KY	32	28	88%	186	180	97%	1 Crude Protein 1 Crude Fiber, Max 1 Calcium, Min 1 Phosphorus, Min 2 Copper
RIVER VALLEY ANIMAL FOODS, ROBARDS, KY	5	5	100%	23	23	100%	None
ROGERS GROUP INC, BLOOMINGTON, IN	1	1	100%	1	1	100%	None
ROLF C. HAGEN (USA) CORP, MANSFIELD, MA	6	6	100%	24	24	100%	None
ROSE ACRE FARMS INC, SEYMOUR, IN	2	2	100%	6	6	100%	None
ROYAL CANIN USA INC, ST CHARLES, MO	9	9	100%	100	100	100%	None
RUDYS FARM CENTER, KEVIL, KY	4	4	100%	18	18	100%	None
RURAL KING, MATTOON, IL	1	1	100%	5	5	100%	None
RUSH DIRECT INC, WOOD DALE, IL	1	1	100%	3	3	100%	None
RUSSELL CO FARM STORE, RUSSELL SPRINGS, KY	3	3	100%	16	16	100%	None
S S BOWLING GREEN, BOWLING GREEN, KY	1	1	100%	5	5	100%	None
S S BRECK, HARDINSBURG, KY	1	1	100%	5	5	100%	None
S S COOP INC - FEED DIV, WINCHESTER, KY	90	73	81%	643	621	97%	15 Crude Protein 1 Crude Fiber, Max 1 Potassium 2 Phosphorus, Min 1 Selenium 1 Copper 1 Zinc
S S COOP INC, RICHMOND, VA	7	5	71%	55	53	96%	2 Crude Protein
S S CYNTHIANA, CYNTHIANA, KY	1	0	0%	3	2	67%	1 Crude Fat, Min
S S DANVILLE, DANVILLE, KY	3	3	100%	6	6	100%	None
S S FLEMINGSBURG, FLEMINGSBURG, KY	9	9	100%	51	51	100%	None
S S HARDIN-HODGENVILLE BRANCH, HODGENVILLE, KY	1	1	100%	1	1	100%	None
S S HOPKINSVILLE, HOPKINSVILLE, KY	2	2	100%	12	12	100%	None
S S LEITCHFIELD (9/13), LEITCHFIELD, KY	6	5	83%	31	30	97%	1 Calcium, Min
S S LONDON, LONDON, KY	5	3	60%	26	24	92%	1 Calcium, Min 1 Salt, Min
S S MAYSVILLE, MAYSVILLE, KY	9	6	67%	49	42	86%	1 Acid Detergent Fiber 2 Calcium, Min 2 Phosphorus, Min 1 Salt, Min 1 Potassium
S S OWINGSVILLE SVC, OWINGSVILLE, KY	2	2	100%	10	10	100%	None
S S SOMERSET, SOMERSET, KY	5	4	80%	18	17	94%	1 Crude Fiber, Max
S. S. COOP INC, PARK CITY, KY	12	9	75%	76	73	96%	2 Crude Protein 1 Crude Fat, Min
SALIX LLC, DEERFIELD BEACH, FL	4	4	100%	8	8	100%	None
SAMS WEST INC, BENTONVILLE, AR	3	3	100%	36	36	100%	None
SAVE-A-LOT LTD, EARTH CITY, MO	11	11	100%	117	117	100%	None
SHELL & KAMPETER INC, META, MO	1	1	100%	12	12	100%	None
SCIENCE HILL MILLING CO, SCIENCE HILL, KY	12	10	83%	55	53	96%	1 Crude Protein 1 Crude Fiber, Max

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SEEDS INC/SHANE YOUNG, MEMPHIS, TN	2	2	100%	24	24	100%	None
SEMICAN INTERNATIONAL INC, CANADA G6L 272	1	1	100%	2	2	100%	None
SEMO MILLING, SCOTT CITY, MO	1	0	0%	5	4	80%	1 Aflatoxin
SERGEANTS PET CARE PRODUCTS, OMAHA, NE	3	3	100%	6	6	100%	None
SEVENTY FEEDS LLC, EUBANK, KY	8	8	100%	33	33	100%	None
SHAFER SEED CO., OAKES, ND	1	1	100%	1	1	100%	None
SHOPKO STORES OPERATING CO LLC, GREEN BAY, WI	1	1	100%	12	12	100%	None
SHUCKS FENCE CO, SHELBYVILLE, KY	2	1	50%	12	10	83%	1 Copper 1 Zinc
SIEMER MILLING CO, TEUTOPOLIS, IL	1	1	100%	2	2	100%	None
SIEMER MILLING COMPANY, HOPKINSVILLE, KY	4	4	100%	10	10	100%	None
SIMMONS PET FOOD INC, PENNSAUKEN, NJ	9	9	100%	108	108	100%	None
SIMPLY NOURISH PET FOOD CO, PHOENIX, AZ	8	4	50%	94	85	90%	1 Calcium, Min 1 Phosphorus, Min 3 Copper 2 Iron 2 Sodium
SKRITTING, TOOELE, UT	1	1	100%	3	3	100%	None
SLIGO FEED MILL, PENDLETON, KY	2	2	100%	14	14	100%	None
SMITHFIELD PACKING CO. INC., GRAYSON, KY	1	1	100%	3	3	100%	None
SOLID GOLD PET LLC, EL CAJON, CA	7	5	71%	86	84	98%	1 AH Fat 1 Sodium
SOULISTIC, NATICK, MA	6	3	50%	75	71	95%	1 Iron 1 Potassium 2 Sodium
SOUTHEASTERN MINERALS INC, BAINBRIDGE, GA	2	2	100%	12	12	100%	None
SOUTHEASTERN WHOLESALERS INC, BARBOURVILLE, KY	1	1	100%	2	2	100%	None
SPECIALTY FEEDS INC, MEMPHIS, TN	4	4	100%	48	48	100%	None
SPORTFORCE LLC, LEXINGTON, KY	1	1	100%	3	3	100%	None
SSCINC-KENTUCKIANA SV, EMINENCE, KY	2	2	100%	6	6	100%	None
STAR MARK PET PRODUCTS INC, HUTTO, TX	1	1	100%	2	2	100%	None
STELLA & CHEWY'S LLC, MILWAUKEE, WI	1	0	0%	12	11	92%	1 AH Fat
STEWARTS FARM SUPPLY, BROOKSVILLE, KY	2	1	50%	10	8	80%	1 Calcium, Min 1 Phosphorus, Min
STOCKADE BRANDS INC, PITTSBURG, KS	2	1	50%	17	16	94%	1 Selenium
STUCKWISCH SHOW FEEDS, SEYMOUR, IN	1	0	0%	8	6	75%	1 Selenium 1 Sodium
STUD MUFFINS, CANADA V3A 6E1, 00	1	0	0%	4	2	50%	1 Crude Protein 1 AH Fat
SUNSHINE MILLS INC, RED BAY, AL	12	12	100%	118	118	100%	None
SUPERIOR AG/, HUNTINGBURG, IN	14	9	64%	109	104	95%	2 Calcium, Min 1 Salt, Min 1 Magnesium 1 Selenium
SWIFT & CO, LOUISVILLE, KY	4	3	75%	8	7	88%	1 Phosphorus, Min
T & H FEED SERVICE, LEBANON, KY	2	1	50%	9	7	78%	1 Crude Protein 1 Phosphorus, Min
TAPPS FEED & FARM SUPPLY, SHELBYVILLE, KY	12	7	58%	75	68	91%	3 Crude Protein 3 Copper 1 Chlortetracycline
TARGET CORPORATION, MINNEAPOLIS, MN	9	8	89%	80	79	99%	1 AH Fat
TASTE OF THE WILD, META, MO	5	5	100%	61	61	100%	None
TBD BRANDS LLC, EXETER, NH	1	1	100%	2	2	100%	None
TDL INDUSTRIES INC, BILLINGS, MT	1	0	0%	6	5	83%	1 Vitamin A

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TEDS FEED STORE, MIDDLESBORO, KY	1	1	100%	2	2	100%	None
TENNESSEE FARMERS COOPERATIVE, LAVERGNE, TN	28	21	75%	263	251	95%	1 Crude Fat, Min 3 Cobalt 2 Copper 2 Zinc 3 Vitamin A 1 Lasalocid
THE BISCUIT FACTORY, SOUTH EL MONTE, CA	1	1	100%	3	3	100%	None
THE GOODLIFE RECIPE PETCARE CO, FRANKLIN, TN	2	2	100%	25	25	100%	None
THE HONEST KITCHEN INC, SAN DIEGO, CA	1	0	0%	12	11	92%	1 AH Fat
THREE DOG BAKERY INC, KANSAS CITY, MO	5	5	100%	32	32	100%	None
TOMLYN PRODUCTS, FORT WORTH, TX	1	1	100%	3	3	100%	None
TOP DOG TREATS & CHEWS, RICHMOND, VA	1	1	100%	2	2	100%	None
TOPCO ASSOC/BART BECHERER, ELK GROVE VILLAGE, IL	4	4	100%	43	43	100%	None
TRACTOR SUPPLY COMPANY, BRENTWOOD, TN	36	30	83%	276	270	98%	1 Crude Fat, Min 4 AH Fat 1 Potassium
TRADER JOE'S, MONROVIA, CA	8	8	100%	88	88	100%	None
TRI STATE PACKAGING CO, VAN WERT, OH	1	1	100%	2	2	100%	None
TRI-COUNTY FEEDS, LIBERTY, KY	9	9	100%	46	46	100%	None
TRI-COUNTY FERTILIZER, RICHMOND, KY	8	8	100%	24	24	100%	None
TRIMBLE CO FARM SUPPLY, MILTON, KY	2	1	50%	10	9	90%	1 Copper
TRIPLE CROWN NUTRITION INC, WAYZATA, MN	1	1	100%	11	11	100%	None
TRM IRELAND INC, STREETSBORO, OH	1	1	100%	6	6	100%	None
TROPICLEAN, WENTZVILLE, MO	1	1	100%	2	2	100%	None
TUCKER MILLING LLC, GUNTERSVILLE, AL	2	2	100%	6	6	100%	None
TUFFYS PET FOODS INC, PERHAM, MN	3	1	33%	9	7	78%	2 Crude Protein
TYSON FOODS FEED MILL, ROBARDS, KY	6	6	100%	54	54	100%	None
TYSON PET PRODUCTS, INDEPENDENCE, IA	1	1	100%	3	3	100%	None
UNIPET USA LLC, TRAVELERS REST, SC	1	0	0%	3	2	67%	1 Crude Protein
UNITED LIVESTOCK COMMODITIES, MAYFIELD, KY	8	7	88%	52	49	94%	1 Copper 1 Selenium 1 Zinc
UNITED PET GROUP INC, BLACKSBURG, VA	4	4	100%	10	10	100%	None
UNITED SALT CORP/KATHY DUBIEL, HOUSTON, TX	1	1	100%	8	8	100%	None
VALLEY FARM CENTER INC, MONTICELLO, KY	1	1	100%	5	5	100%	None
VALLEY GRAIN PRODUCTS, HENDERSON, KY	2	2	100%	11	11	100%	None
VAPCO, INC., LAWRENCE, MA	1	0	0%	6	5	83%	1 Calcium, Min
VARIETY PET FOODS, ENGLEWOOD, CO	5	5	100%	52	52	100%	None
VERSELE-LAGA, DALTON, GA	1	1	100%	7	7	100%	None
VETERINARY PRESCRIPTION 10/13, HICKORY, KY	1	0	0%	12	11	92%	1 Calcium, Min
VETS CHOICE, DEER PARK, NY	5	3	60%	52	50	96%	2 AH Fat
VETSCIENCE LLC, DALLAS, TX	2	2	100%	6	6	100%	None
VITA FLEX NUTRITION CO INC, COUNCIL BLUFFS, IA	1	1	100%	13	13	100%	None
VITAKRAFT SUN SEED CO INC, BOWLING GREEN, OH	8	8	100%	30	30	100%	None
WAGATHA'S, MANCHESTER CTR, VT	1	1	100%	3	3	100%	None
WAGGERS PET PRODUCTS, CANADA T3G 5C6	1	1	100%	3	3	100%	None
WAGGIN TRAIN LLC, ST LOUIS, MO	10	8	80%	124	122	98%	1 AH Fat 1 Calcium, Min
WALGREEN CO, DEERFIELD, IL	4	4	100%	48	48	100%	None
WAL-MART STORES INC, BENTONVILLE, AR	20	19	95%	203	202	100%	1 Copper
WELL PET LLC/MEGAN KOSKY, TEWKSBURY, MA	13	11	85%	144	142	99%	2 AH Fat

Report of Official Feed Samples Analyzed—2013

Name	Samples			Tests			Violations
	Total	No. Passed	% Passed	Total	No. Passed	% Passed	
WERUVA INTERNATIONAL INC, NATICK, MA	5	3	60%	61	56	92%	1 Calcium, Min 1 Phosphorus, Min 2 Iron 1 Sodium
WESTMINSTER PET PRODUCTS, PAWTUCKET, RI	5	5	100%	12	12	100%	None
WESTWAY FEED PRODUCTS INC, TOMBALL, TX	2	1	50%	9	8	89%	1 Phosphorus, Min
WHITETAIL INSTITUTE/N AMERICA, PINTLALA, AL	1	1	100%	4	4	100%	None
WHOLE FOODS MARKET, AUSTIN, TX	8	7	88%	51	50	98%	1 AH Fat
WILD TURKEY DISTILLERY, LAWRENCEBURG, KY	1	1	100%	6	6	100%	None
WILDGAME INNOVATIONS LLC, BROUSSARD, LA	6	5	83%	26	21	81%	1 Calcium, Min 1 Phosphorus, Min 1 Copper 1 Magnesium 1 Selenium
WILLARD MILLING, INC, WILLARD, KY	16	13	81%	146	142	97%	1 Crude Protein 1 AH Fat 1 Calcium, Min 1 Salt, Min
WINCHESTER FEED & SUPPLY INC, WINCHESTER, KY	5	5	100%	32	32	100%	None
WK DEER PRODUCTS, LLC, MAYFIELD, KY	1	1	100%	6	6	100%	None
WOODFORD FEED CO, VERSAILLES, KY	10	10	100%	68	68	100%	None
WOODYS PERFORMANCE HORSE FEED, DICKINSON, ND	3	3	100%	14	14	100%	None
WRIGLEY 7-711 INC, WEST LIBERTY, KY	2	1	50%	9	8	89%	1 Calcium, Min
WYSONG CORPORATION, MIDLAND, MI	1	1	100%	12	12	100%	None
YODERS FEED & SUPPLY, RUSSELLVILLE, KY	25	13	52%	153	137	90%	3 Crude Protein 4 Calcium, Min 2 Phosphorus, Min 2 Salt, Min 1 Copper 4 Zinc
ZIWIPEAK LTD, NEW ZEALAND	1	1	100%	12	12	100%	None
ZOO MED LABORATORIES, INC., SAN LUIS OBISPO, CA	3	3	100%	16	16	100%	None
Totals	2,926	2,406	82%	19,398	18,699	96%	

UNIVERSITY OF KENTUCKY
COLLEGE OF AGRICULTURE,
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AGRICULTURAL EXPERIMENT STATION
LEXINGTON, KY 40546

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