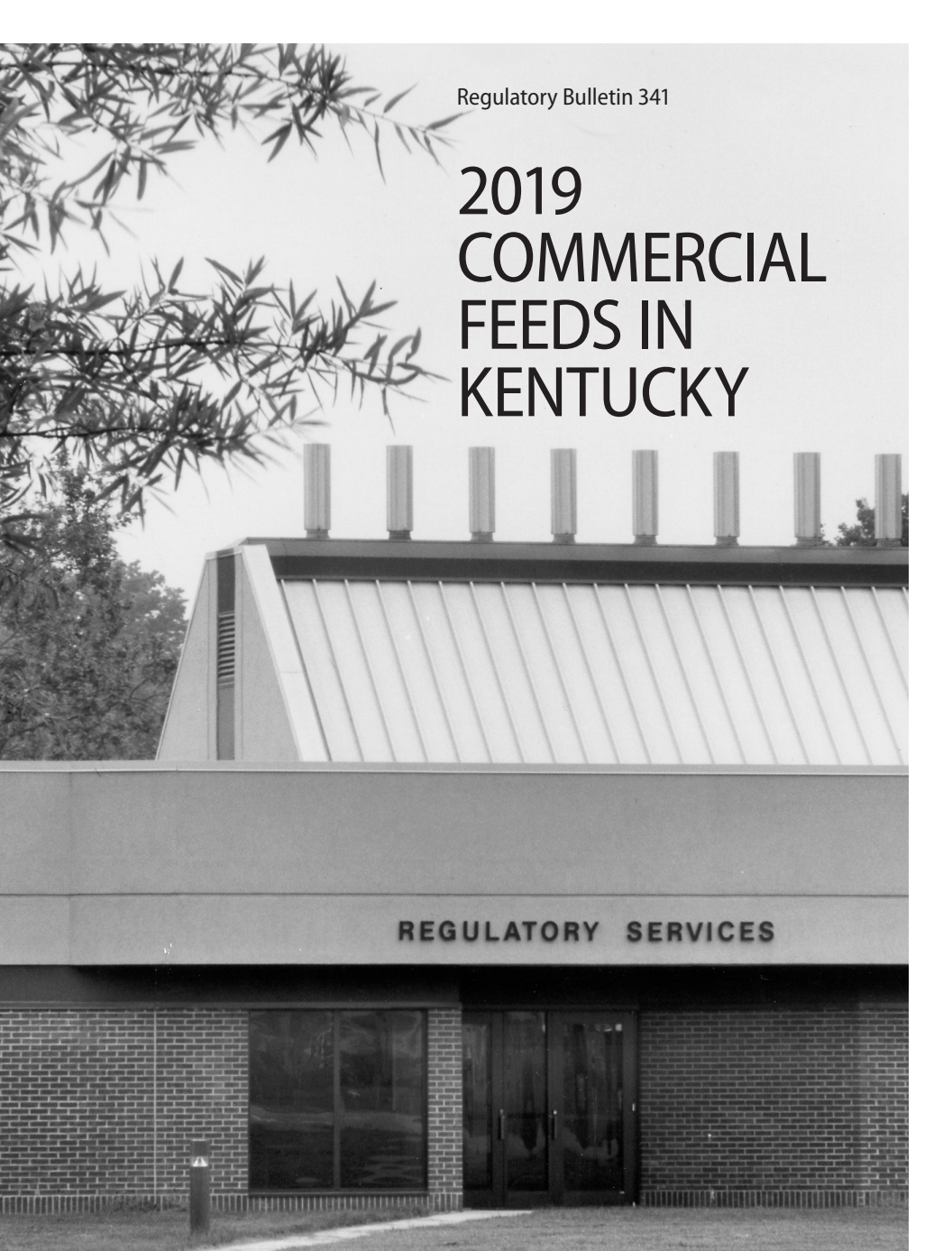


Regulatory Bulletin 350

# 2022 COMMERCIAL FEEDS IN KENTUCKY



REGULATORY SERVICES

 University of  
Kentucky

*College of Agriculture,  
Food and Environment*

Agricultural Experiment Station

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## **Introduction**

Kentucky's commercial feed law (KRS 250.491-250.631) dates from 1906 and was last 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 law and regulations are primarily in response to more varied livestock feeding practices, changes in feed manufacturing technology, and new feed ingredients. In 2018, our feed regulations were revised for both livestock feed and pet food. The revisions better align Kentucky regulations with the American Association of Feed Control Officials (AAFCO) model bill and regulations. The changes included additional guarantees on equine and goat feed labels and requiring caloric content for all dog and cat foods and treats.

We had a change in our inspection staff in 2022 with Daryl Derosssett coming on board in October replacing Tori Embry who left for greener pastures in August.

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. Mills may be required to obtain a license from the Food and

Drug Administration (FDA) to manufacture medicated feed, depending on the type and concentration of drug. There are currently 8 feed mills in Kentucky with a feed mill license (FML) from the FDA. Currently, there are 45 feed mills in the state manufacturing medicated feed but not requiring a license from FDA. All feed mills must comply with good manufacturing practices assessed as part of a comprehensive inspection program. The purpose of these inspections is to ensure several safe feed practices are as follows: (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.

The Division participates in an inspection program in partnership with FDA that conducts inspections of facilities manufacturing and distributing animal feed. In recent years, our inspection program has evolved to include more joint inspections, a greater focus on manufacturers, and the addition of new inspections to evaluate progress of firms in meeting Food Safety Modernization Act (FSMA) requirements. Inspections to determine compliance with the rules in place to prevent the establishment and amplification of Bovine Spongiform Encephalopathy (BSE) are now limited to firms that manufacture feeds containing ruminant protein products. Our division continues to encourage compliance by Kentucky feed distributors with the Veterinary Feed Directive (VFD) rules that went into effect in 2017. Inspections at medicated feed mills include a review and evaluation of VFD records if the firm is a manufacturer of these feeds.

Our inspectors conducted 29 inspections in 2021 spanning the 2021-22 and 2022-23 contracts with FDA. Our current inspection contract includes evaluations of good manufacturing practices (GMP's) at 16 Kentucky mills manufacturing medicated

feed and 16 inspections at firms that manufacture only non-medicated feed. With FSMA regulations now including production of non-medicated feed, we are making a conscience effort to conduct GMP inspections for compliance with FSMA regulations at all Kentucky feed manufacturers in the next few years. The current contract also includes preventative controls inspections at 12 of the 32 total inspection locations. At

the beginning of 2022, there were 175 feed manufacturing facilities located in Kentucky that serve the animal feed and pet food industries. Additionally, 322 feed distributors located in the state handle livestock feed.

**Food Safety**

The goal of the Food Safety Modernization Act (FSMA), enacted in 2011, is to ensure the safety of the US food supply by

**Table 1.** Number of feed ingredient samples in 2022.

Type	Official Samples with Guarantees	Unofficial, Proficiency, Service Samples	Total
Alfalfa Products	8	0	8
Animal Products	6	4	10
Brewery Products	0	0	0
Corn Products	31	95	126
Cottonseed Products	4	0	4
Distillers Products	31	11	42
Soybean Products	49	1	50
Wheat Products	1	1	2
Other Grains	25	9	34
Minerals	7	0	7
Vitamins	0	3	3
Urea & Other NPN	0	0	0
Other	18	6	24
<b>Total</b>	<b>180</b>	<b>130</b>	<b>310</b>

**Table 2.** Number of commercial feed samples in 2022.

Formula Feeds	Official Samples with Guarantees	Unofficial, Proficiency, Service Samples	Total
Poultry Feed	272	5	277
Beef Feed	457	39	496
Dairy Feed	34	5	39
Swine Feed	85	6	91
Sheep Feed	19	5	24
Goat Feed	43	2	45
Equine Feed	238	9	247
Rabbit Feed	22	0	22
Fish Feed	5	0	5
Deer Products	52	2	54
Milk Replacer	18	1	19
Mineral/Vitamin/Other	176	19	195
Wild Bird Food	28	0	28
<b>Total</b>	<b>1449</b>	<b>93</b>	<b>1542</b>

shifting the focus of federal regulation from responding to contamination to preventing it. As of September of 2018, all facilities manufacturing or holding animal feed are required to comply with good manufacturing practices. By the fall of 2019, preventative controls were also required for eligible facilities. While we will continue to monitor the manufacture of medicated animal feed, we expect our inspection program to evolve to be more in line with FSMA philosophy. Our focus on educating before regulating will remain in place.

While preventing feed related problems is the best approach, there will continue to be occurrences with animal or pet food that need attention including 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.

Since September 2016, Kentucky has been one of a group of now 24 states participating in the Animal Feed Regulatory Program Standards (AFRPS) initiative, a joint effort by the American Association of Feed Control Officials (AAFCO) and the FDA to help build a more robust integrated food safety system by concentrating on regulation of animal feed production. Kentucky has fully implemented each of the 11 standards. This cooperative agreement brought \$3,000,000 into the division and the university from 2016 to 2021. In July of 2021, we moved into the maintenance phase of this program providing an additional \$1,125,000 for the division and university over the next 5 years. In 2022, the feed program was awarded a supplemental grant to improve implementation of FSMA regulations in Kentucky bringing another

**Table 3.** Number of pet and specialty feed samples in 2022.

Type	Official Samples with Guarantees	Unofficial, Proficiency, Service Samples	Total
Dog Food	410	3	413
Cat Food	248	2	250
Dog & Cat Treats	366	2	368
Specialty Pet & Pet Other	101	0	101
Total	1125	7	1132

**Table 4.** Survey of 2022 corn crop (74 total samples)

	Units	# tests	LLQ <sup>1</sup>	# tests > LLQ	Mean <sup>2</sup>
Crude Protein	%	74			7.09
Aflatoxin	ppb	41	< 5 ppb	4	7.40
Fumonisin	ppm	41	< 1 ppm	31	5.28
Vomitoxin	ppm	41	< 1 ppm	19	2.51
Zearalenone	ppm	41	< 1 ppm	1	1.30
T-2 Toxin	ppm	41	< 1 ppm	0	-
Ochratoxin	ppm	41	< 1 ppm	2	1.87
Moisture	%	74			14.37

<sup>1</sup>Lower limit of quantification

<sup>2</sup>Mean includes only samples with analyzed values > LLQ.

**Table 5.** Number of feed analyses reported in 2022.

		<b>Official Samples</b>	<b>Unofficial, Proficiency, Service Samples</b>	<b>Total</b>
<b>Proximate</b>	Crude Protein	2567	200	2767
	NPN Equiv Protein	34	2	36
	Crude Fat	2256	188	2444
	AH Fat	255	6	261
	Crude Fiber	1497	182	1679
	Acid Detergent Fiber	990	162	1152
	Neutral Detergent Fiber	976	150	1126
	Ash	164	8	172
Moisture	1291	135	1426	
<b>Minerals</b>	Aluminum	1	0	1
	Arsenic	0	0	0
	Cadmium	0	0	0
	Calcium	2120	85	2205
	Ca:P Ratio	375	0	375
	Cobalt	2106	81	2187
	Copper	2122	85	2207
	Chromium	0	0	0
	Iron	2122	85	2207
	Lead	0	0	0
	Magnesium	2122	85	2207
	Manganese	2122	85	2207
	Molybdenum	2	0	2
	Phosphorus	2122	85	2207
	Potassium	2121	85	2206
	Salt, min	929	21	950
	Selenium	726	50	776
	Sodium	2121	85	2206
Sulfur	9	17	26	
Zinc	2121	85	2206	
<b>Vitamins</b>	Vitamin A	49	1	50
<b>Drugs</b>	Amprolium	11	3	14
	Bacitracin	0	0	0
	Carbadox	0	0	0
	Chlortetracycline	14	3	17
	Decoquinat	7	1	8
	Lasalocid	49	4	53
	Monensin, sodium	88	13	101
	Oxytetracycline	0	0	0
Tylosin	0	0	0	
<b>Mycotoxins</b>	Aflatoxin	15	45	60
	Fumonisin	15	45	60
	Ochratoxin	15	45	60
	T-2-Toxin	15	45	60
	Vomitoxin	15	45	60
	Zearalenone	15	45	60
<b>Other</b>	Listeria	19	0	19
	Salmonella	13	0	13
	Microscopy	3	5	8
<b>Totals</b>		<b>33,614</b>	<b>2,267</b>	<b>35,881</b>



\$775,000 to the division and the university. Implementation of these standards has strengthened our program and provided a defensible, sustainable pathway forward.

### 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 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 24,000 different commercial feeds and pet foods are registered for distribution by nearly 1400 companies. More than half of these registered products are in the pet and specialty categories.

A feed label is the fundamental communication with the consumer; it provides purpose of the feed, directions for use, nu-

trient 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

**Table 6.** Reported tons of ingredients distributed in 2022.

Ingredient	Exempt	Non- Exempt
Alfalfa Products	2,482	6,574
Animal Products	80	25,116
Brewery Products	1,284	2,800
Corn Products	77,545	106,804
Cottonseed Products	9,757	4,101
Distillers Products	87,813	292,023
Soybean Products	157,787	523,859
Wheat Products	87,875	9,317
Other Grains/Oilseeds	5,248	9,257
Minerals	15,631	80,095
Vitamins	1,570	2,491
Urea & Other NPN	7,019	252
Other	57,687	97,658
Distillers wet grains	0	164,363
Brewers wet grains	0	15,178
Liquid whey	0	0
<b>Total</b>	<b>511,777</b>	<b>1,339,889</b>

**Table 7.** Reported tons of commerial feeds distributed in 2022.

Type	2022
Poultry Feed	158,924
Beef Feed	466,149
Dairy Feed	106,805
Swine Feed	18,967
Sheep Feed	10,542
Goat Feed	6,145
Horse Feed	125,041
Rabbit Feed	5,386
Fish Feed	2,282
Deer Products	14,661
Milk Replacer	1,813
Mineral/Vitamin/Other	76,186
Wild Bird Food	20,894
Pet Food	245,322
<b>Total</b>	<b>1,259,118</b>

**Table 8.** Analytical variations for commercial feed samples (referenced in 12 KAR 2:021)

	<b>Lower AV</b>	<b>Upper AV</b>		<b>Lower AV</b>	<b>Upper AV</b>
Crude Protein	-3%	50%	Molybdenum	-40%	100%
NPN Equiv. Protein	-50%	20%	Selenium1	-40%	40%
Crude Fat	-20%	+5 units	Zinc1	-40%	200%
Acid Hydrolysis Fat	-20%	+5 units	Vitamin A	-30%	200%
Crude Fiber	-60%	15%	Ash		5%
Acid Detergent Fiber	-60%	15%	Moisture		12%
Neutral Detergent Fiber	-60%	15%	Amprolium	-40%	20%
Calcium1	-15%	+2 units	Apramycin	-20%	20%
Phosphorus1	-15%	+2 units	Bacitracin	-40%	40%
Salt	-40%	40%	Carbadox	-20%	20%
Sodium1	-30%	130%	Chlortetracycline	-30%	30%
Magnesium1	-40%	200%	Decoquinatate	-20%	20%
Potassium1	-30%	200%	Lasalocid	-25%	25%
Sulfur	-30%	30%	Monensin, Sodium	-30%	30%
Cobalt1	-40%	200%	Oxytetracycline	-30%	30%
Copper1	-40%	200%	Penicillin	-35%	35%
Iron1	-40%	200%	Tylosin	-30%	30%
Manganese1	-40%	200%			

<sup>1</sup>Analytical variations listed for minerals do not apply to cat and dog complete foods formulated to meet Association of American Feed Control Officials (AAFCO) requirements. The tolerances are national standards set by AAFCO.

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 2022, net income for the feed program was \$1,600,470 including inspection fees, registration fees and late payment penalties.

### **Feed Sampling**

For Tables 1-4, we are reporting both official samples with label guarantees and other samples. Official samples are those collected by our inspectors under guidelines specified by our sampling protocols. Other samples reported include unofficial samples, samples without label guarantees, lab proficiency samples, and other service samples.

Tables 1, 2 and 3 list the number of samples of feed ingredients, commercial feeds, and pet/specialty foods received by our lab in 2022. The majority of the ingredients sampled continue to be corn products (including corn grain and corn gluten feed), distiller's grains, and soybean products

(soybean meal and soy hulls). Beef, poultry, and equine feed were the largest categories of commercial animal feed (excluding pet food). Pet and specialty foods accounted for 41% of all official samples with guarantees.

In addition to the official samples reported, our lab also analyzed an additional 230 other samples. The samples include samples lacking guarantees collected by inspectors (primarily corn), ingredients and products submitted to our lab by county extension agents, the UK Veterinary Diagnostic Laboratory, livestock producers, and consumers. In 2022, our lab analyzed 64 service samples for Kentucky feed consumers, feed dealers, and manufacturers and 19 research samples submitted by researchers in the college.

### **Corn Quality Survey**

Each fall, our inspectors collect corn samples from elevators and feed mills as new crop corn makes its way into the market. All samples are tested for crude protein and moisture and 41 samples were screened for mycotoxins. Crude protein averaged

7.1% on the 74 samples in this year's survey (Table 4).

## **Feed Analysis**

Analyses of nutrients and other components in feed samples are provided by our feed laboratory. The laboratory data are used to evaluate suitability of product labeling, feed quality, and absence of any contaminants or deleterious substances. Table 5 reports the number of feed analyses conducted on samples during 2022. Our sample report table by manufacturer or guarantor includes only official samples with guaranteed tests. However, results of testing for non-guaranteed analytes are also listed in sample reports to provide more information to the manufacturer/guarantor.

Our lab conducted around 60 mycotoxin tests in 2022. The majority of these tests were conducted on corn samples that made up the corn quality survey. The other tests were on samples analyzed during investigations into product quality and/or animal health issues.

In late 2018, our lab added the capability to determine the presence of microbial contaminants, specifically listeria and salmonella. In 2022, we analyzed 31 samples for either salmonella, listeria, or both microorganisms. Though we have primarily concerned our testing with pet treats and foods, we have also analyzed livestock and poultry treats. Neither salmonella nor listeria was detected in any of the samples tested.

We continue with the use of NIR (near infrared reflectance spectroscopy) as a screening tool with livestock feeds, ingredients, pet foods, pet treats, and specialty products. If the NIR scan indicates the sample does not meet the guarantee of the analyte in question or the NIR value is questionable, the sample is analyzed by the appropriate wet chemistry method. As a screening test, we do not issue violations based solely on the NIR estimate. Analysis of minerals and

medications continues via traditional wet chemistry methods. For sample reports, we report which analytes were estimated using NIR. NIR also has allowed the reporting of analytes that we do not typically measure in some feed types (for example, crude fat and crude fiber in poultry and swine feeds). For our lab, the advantages of using NIR as a screening test include both the speed of analysis with results available immediately and lower cost in both lab reagents and labor.

## **Tonnage Distribution**

Tables 6 and 7 use data collected from the Kentucky Feed Tonnage Reports submitted by firms distributing feed products in the state. Table 6 reports ingredients and Table 7 reports commercial feeds. 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.

At nearly 2.6 million tons, the total ingredients and commercial feeds distributed reported in 2022 was the highest in the last 8 years. Beef, poultry, equine, and dairy continue to be the largest volume categories of non-pet food commercial feed in distribution. Beef and poultry feed distributed are trending upward while dairy and swine feed continue to decline. Horse feed in distribution has been fairly consistent over the last few years. While not at the volume of other livestock feeds, we've seen deer feed grow dramatically with nearly 15,000 tons distributed in Kentucky in 2022.

## **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 in Table 8 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. Our AV table is referenced in our updated regulations (12 KAR 2:021).

Note that the AVs listed for minerals do not apply to cat and dog complete foods formulated to meet Association of American Feed Control Officials (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 case, the tolerances are national standards set by AAFCO.

### **Sampling Location Report**

Table 9 contains a list of all Kentucky locations where inspectors collected samples in 2022. Samples were collected at 363 locations in 2022 compared to 330 locations in 2021.

### **Sample Violation Report**

The sample violation report for 2022 (Table 10) includes the 2754 official samples from 513 different manufacturers or guarantors. Overall, 77% of samples passed (no violations on any analytes) while 96% 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. Since September of 2021, our office has issued withdrawals from distribution for “major violations” when samples fail to meet guarantees for medications (deficient or excessive), selenium (deficient or excessive), copper (excessive), salt (excessive), and non-protein nitrogen (excessive). In 2022, our office issued 57 withdrawal from distribution orders after identifying major violations in products sampled.

**Table 9.** Sample Types by Sampling Location - 2022

<b>BusinessName</b>	<b>Sample # by Feed Type</b>		
	<b>Livestock &amp; Ingredient</b>	<b>Pet &amp; Speciality</b>	<b>Total</b>
Adairville Feed Mill - Adairville	9	0	9
Adairville Feed Mill #2 - Russellville	21	0	21
ADM Alliance Nutrition, Campbellsville	16	1	17
Ag1 Coop, Monticello	6	0	6
AgWood, Inc., Mount Sterling	7	0	7
Air View Farm Supply, Verona	3	0	3
Akridge Farm Supply - Eddyville	1	1	2
Albany Building Center, Inc., Albany	6	1	7
Aldi - Bowling Green, Bowling Green	0	6	6
Allen County Farmers Service, Inc., Scottsville	3	0	3
Amazon.com Services, Inc., Seattle	0	33	33
Anderson County Farm Service, Inc., Lawrenceburg	1	0	1
Arnold Feed & Seed, Campbellsville	4	0	4
Ashland Milling Company, Inc., Ashland	6	0	6
B & S Feed Store, Middlesboro	2	0	2
Bagdad Roller Mills, Inc., Bagdad	54	2	56
Ballard County Coop., Inc., La Center	2	0	2
Bardstown Mills, Inc., Bardstown	11	0	11
Barn Door Feed & Tack, Louisa	3	1	4
Benge Farm Supply, Inc., London	5	0	5
Berts Pet Center, Ashland	1	11	12
Big Clifty Farm & Country Store, Elizabethtown	1	0	1
Big Lots - Mayfield	0	5	5
Big Lots #1089 - Paducah	0	4	4
Big Lots #1204 - Murray	0	6	6
Blandford Mills, LLC, Springfield	12	0	12
Block City Grocery & Hardware, Greensburg	1	1	2
Bluegrass Barkery - Tiverton Way, Lexington	0	3	3
Bluegrass Farm Supply, Marion	10	0	10
Bluegrass Feed & Supply LLC, Hustonville	3	0	3
Bluegrass Seed & Fertilizer, Inc., Bardstown	23	0	23
Bowling Feed & Hardware, Inc., Catlettsburg	2	1	3
Bowlin's Feed, Inc., Albany	8	0	8
Bratcher Ag LLC, Crab Orchard	10	0	10
Brodhead Farm Market, Brodhead	10	0	10
Brooksville Farm Supply, Brooksville	9	0	9
Burkesville Feed & Farm Supply, Burkesville	4	1	5
Burkman Feeds - Bowling Green	6	0	6
Burkman Feeds - Columbia	5	0	5
Burkman Feeds - Edmonton	10	1	11
Burkman Feeds - Hardinsburg	10	0	10
Burkman Feeds - Lebanon	1	0	1
Burkman Feeds - London	13	0	13
Burkman Feeds - Summer Shade	1	0	1
Burkman Feeds LLC - Danville	29	0	29
Burkman Feeds LLC Plant - Glasgow	19	0	19
Burkman Feeds LLC Store - Glasgow	8	0	8
Calhouns Farm & Pet, Madisonville	0	16	16
Calhouns Feed Service, Madisonville	6	0	6
Cargill Animal Nutrition plant - Park City	3	1	4
Cargill Animal Nutrition plant - Winchester	12	1	13
Caudill Seed - Morehead	2	0	2
Caverndale Farms, Inc., Danville	3	0	3

**Table 9.** Sample Types by Sampling Location - 2022

<b>BusinessName</b>	<b>Sample # by Feed Type</b>		
	<b>Livestock &amp; Ingredient</b>	<b>Pet &amp; Speciality</b>	<b>Total</b>
Cedar Valley Harness Shop, Hopkinsville	2	0	2
Central Farm Supply of KY, Inc., Louisville	23	5	28
Central Farmers Supply, Inc., Greensburg	10	0	10
Champion Petfoods USA Inc, Auburn	0	2	2
Commonwealth Agri-Energy LLC, Hopkinsville	4	0	4
Compana-Manna Pro dba Dinovite LLC, Crittenden	3	4	7
Connect Rental & Sales, Sharpsburg	2	0	2
Consolidated Grain & Barge - Hickman	1	0	1
Costco - Lexington	0	2	2
Country Farm & Home - Monticello	3	0	3
CPC Commodities LLC, Fountain Run	19	2	21
Crittenden Farm Lawn & Garden, Crittenden	10	0	10
Cub Run Milling, Cub Run	12	0	12
Custom Feed Mill LLC, Morganfield	15	1	16
D & R Metal and Ag Supply, Greenup	2	0	2
Darling Ingredients Inc - Butler (Bakery)	3	0	3
Darling Ingredients Inc - Henderson (Bakery)	7	0	7
Darling Ingredients Inc Tub Plant - Maysville	3	0	3
Dawson Family Feed & Seed, Russellville	17	0	17
Day & Day Feed Mill, Columbia	10	5	15
Dollar General - Albany	0	1	1
Dollar General - Murray	0	6	6
Dollar General - Russellville	0	4	4
Dollar General - Scottsville	0	2	2
Dollar General #00107 - Leitchfield	0	2	2
Dollar General #11545 - Benton	0	6	6
Dollar General Market - Franklin	0	2	2
Dollar General Market #13158 - Jamestown	0	8	8
Dollar Tree - Benton	0	3	3
Dollar Tree - Hazard	0	2	2
Dollar Tree - Monticello	0	9	9
Dunhams Sports - Maysville	1	2	3
Dunhams Sports - Somerset	0	3	3
Dunhams Sports #9171 - Ashland	1	1	2
E & L Pets, Madisonville	3	18	21
Earthwise Pet Supply, Ashland	0	13	13
Enviroflight LLC, Maysville	7	0	7
Eric Howell Grain - Benton	1	0	1
Eric Howell Grain - Murray	1	0	1
Excel Equine, Louisville	28	2	30
Family Dollar - Nicholasville	0	3	3
Farmer & Sons, Barbourville	3	0	3
Farmers Choice Feed Mill, Kirksey	3	0	3
Farmers Feed Mills Inc, Lexington	21	0	21
Feed Blenders Inc., Lebanon	9	0	9
Feeders Supply - Baxter Ave, Louisville	0	7	7
Feeders Supply - Elizabethtown	0	11	11
Feeders Supply - Frankfort	0	5	5
Feeders Supply - Georgetown	0	36	36
Feeders Supply - Shelbyville	1	6	7
Feeders Supply - Somerset	0	17	17
Feeders Supply - South Lexington	0	5	5
Feeders Supply - Walton	0	3	3

**Table 9.** Sample Types by Sampling Location - 2022

<b>BusinessName</b>	<b>Sample # by Feed Type</b>		
	<b>Livestock &amp; Ingredient</b>	<b>Pet &amp; Speciality</b>	<b>Total</b>
Five Star Feed Services, Guthrie	16	0	16
Fleming County Farm Supply, Flemingsburg	2	0	2
Food City - Hazard	0	15	15
Food City - Middlesboro	0	19	19
Food Lion - Scottsville	0	8	8
Four Rivers Sport Horse Center LLC , Paducah	1	0	1
Frank L Hinton & Son, Plummers Landing	19	0	19
Franklin Grain, Franklin	1	0	1
Fresh Thyme Market, Newport	0	3	3
Gabbi's Boutique, Henderson	0	52	52
Gangsta Dog, Louisville	0	2	2
GHC Milling Co, Fordsville	8	0	8
Gilliam's Farm Supply, Olive Hill	14	0	14
Globe Farm Store, Olive Hill	3	0	3
Gold City Feed Mill, Franklin	0	2	2
Golden Rod Feeds, Liberty	10	0	10
Good Foods Co-Op - Lexington	0	4	4
Gordon's True Value Hardware, Philpot	4	0	4
Green River Feed Mill Inc, Morgantown	14	0	14
Greenleaf Commodities, Danville	8	0	8
Hardin County Milling Co Inc, Elizabethtown	12	0	12
Hays Feed & Seed LLC, Smiths Grove	6	0	6
Heilman Hardware & Lumber Co., Falmouth	3	0	3
Hilander Feed Inc, Georgetown	1	0	1
Hinton Mills - Mt. Sterling	7	0	7
Hinton Mills at Cynthiana	3	0	3
Hollywood Feed - Lexington	0	5	5
Hoof N Paw Pet Supply	0	28	28
Hoover Feed Mill	22	0	22
Hopkinsville Elevator - Auburn	5	0	5
Hopkinsville Elevator - Hopkinsville	1	0	1
Hopkinsville Elevator - Russellville	3	0	3
Howe Farm Supply Inc, Vanceburg	1	0	1
IGA Priceless - Albany	0	2	2
J & H Feed & Tack Inc, Paintsville	16	0	16
J. A. Oldfield & Son, Inc., Mize	2	0	2
J.H. Fedders - Covington	3	6	9
Jabetown Mill, Ewing	16	0	16
Jackson County Farm Service, McKee	1	1	2
Janes Fertilizer & Farm Supply, Columbia	2	1	3
Jeffries Feed Seed & Supply Inc, Campbellsville	14	0	14
JSW Farm Supply, West Liberty	8	0	8
Kee's Farm Service & Supply, LLC., Grayson	12	0	12
Ken's Value Center, Berry	2	0	2
Kentucky Lake Outdoors, Calvert City	1	0	1
Kentucky Nutrition Service Inc - Nancy	4	0	4
Kentucky Organic Farm and Feed Inc, Guthrie	8	0	8
Kevil Crop Service dba Rudys Farm Center, Kevil	8	0	8
Knifley Ag Supply & Hardware, Campbellsville	5	1	6
Kroger - Madisonville	0	1	1
Kroger - Murray	0	2	2
Kroger #399 - Campbellsville	0	15	15
Kroger #718 - Starlight Dr Owensboro	0	3	3

**Table 9.** Sample Types by Sampling Location - 2022

<b>BusinessName</b>	<b>Sample # by Feed Type</b>		
	<b>Livestock &amp; Ingredient</b>	<b>Pet &amp; Speciality</b>	<b>Total</b>
Kroger #8409 - London	0	4	4
Kroger #900 - Russell Springs	0	11	11
Kroger Marketplace - Somerset	0	10	10
KY Buying Coop Intl Inc, Lexington	3	0	3
Lake Cumberland Feed & Farm Supply, LLC, Russell Springs	5	0	5
Lays Feed & Farm Supply, Whitley City	3	0	3
Lester J Stutzman Feed Mill, Marion	8	0	8
Liberty Motors Inc., Liberty	1	0	1
Little Dog Pawstry Shop, Simpsonville	0	6	6
Lone Star Farm & Home, Mount Vernon	7	3	10
Longs Pic-Pac Galaxy Supermarket, Pineville	0	5	5
Lowe's #2581 - Nicholasville	0	2	2
Luttrull Feeds, Inc., Pembroke	15	4	19
M & M Farm Supply, Austin	3	0	3
Marion Feed Mill, Marion	8	0	8
Market Place #520 - Madisonville	0	5	5
Marshall County Coop, Benton	2	4	6
Mayfield Grain - Wingo	1	0	1
Mayhaven Farm, LLC, Waynesburg	1	0	1
Mays Lick Mill, Mays Lick	12	1	13
Mazelin Feed Mill, Scottsville	24	0	24
McCaughey Brothers Inc, Versailles	25	0	25
McRay Feed LLC, Harrodsburg	17	0	17
Meijer #168 - Cold Spring	0	10	10
Meijer #184 - Lexington	0	1	1
Meijer #272 - Bowling Green	0	3	3
Meijer #288 - Owensboro	0	13	13
Menards #3290 - Owensboro	6	26	32
Menards #3367 - Paducah	0	22	22
Menards #3375 - Elizabethtown	0	3	3
Menifee County Farm Supply, Frenchburg	3	0	3
MFS Alliance Inc, Edmonton	6	0	6
Monroe Feed & Farm Supply, Inc., Tompkinsville	7	0	7
Mullins Supply Barn, Crittenden	4	1	5
Myers Feed & Farm Supply, Corinth	8	0	8
Nationwide Fence & Farmers Supply, Smithfield	6	0	6
Nutrien Ag Solutions - Campbellsville	1	0	1
Nutrien Ag Solutions - Cecilia	3	0	3
Nutrien Ag Solutions #2644 - Salem	3	0	3
Nutrien Ag Solutions #4024 - Kevil	1	0	1
Odom's Livestock Supply, Inc., Mayfield	17	0	17
Ollie's Bargain Outlet - Corbin	0	3	3
Ollie's Bargain Outlet - Somerset	0	2	2
Orscheln Farm & Home - Murray	10	7	17
Owensboro Animal Hospital, Owensboro	0	9	9
Owensboro Grain Co LLC, Owensboro	7	0	7
Parker Farm Supply, Port Royal	8	0	8
Peck's Farm Supply, LLC - Sharpsburg	5	0	5
Perdue Farms Inc, Livermore	8	0	8
Performance Feed & Grain - Monticello	10	2	12
Performance Feeds - Caneyville	13	0	13
Performance Feeds - Lancaster	6	0	6



**Table 9.** Sample Types by Sampling Location - 2022

<b>BusinessName</b>	<b>Sample # by Feed Type</b>		
	<b>Livestock &amp; Ingredient</b>	<b>Pet &amp; Speciality</b>	<b>Total</b>
Pet Supermarket - Lexington	1	18	19
Pet Supplies Plus - Cold Spring	0	11	11
Pet Supplies Plus - Independence	0	8	8
Pet Supplies Plus - Lexington	0	5	5
Pet Supplies Plus - Palomar Lexington	0	8	8
Pet Supplies Plus #4261 - Owensboro	2	55	57
Pet Wants - Fort Thomas	0	5	5
Petco - Bowling Green	0	14	14
Petco - Frankfort	0	5	5
Petco - Pikeville	0	7	7
Petco - Versailles	0	4	4
Petland - Ashland	2	15	17
Petsense - Danville	0	21	21
Petsense - Georgetown	0	10	10
Petsense - Glasgow	0	13	13
Petsense - London	0	13	13
Petsense - Mayfield	0	7	7
Petsense - Murray	0	4	4
Petsmart - Bowling Green	0	20	20
Petsmart - Elizabethtown	0	8	8
Petsmart - Florence	0	7	7
Petsmart - Hurstbourne Louisville	0	8	8
Petsmart - Outer Loop Louisville	0	8	8
Petsmart - Paducah	0	11	11
Petsmart - Richmond	0	24	24
Petsmart - Westport Rd Louisville	0	6	6
Petsmart #1968 - Owensboro	0	30	30
Petsmart #2344 - Newport	0	8	8
Petsmart #2384 - Ashland	0	13	13
Petsmart #2760 - Hopkinsville	0	18	18
Phelps Farm & Home Service, Paducah	1	0	1
Phillips Agri Farm, Campbellsville	3	0	3
Pilgrims Pride Corp, Mayfield	6	0	6
Prewitt Farm Supply, Inc., Williamsburg	6	0	6
Priceless IGA - Russellville	0	4	4
Priceless IGA #491 - Bowling Green	0	2	2
Pro Solutions - Crofton	2	1	3
Pro Solutions - Hiseville	1	0	1
Quality Feeds, Farm, and Pet Inc., Versailles	1	4	5
Ranchers LLC, Mayfield	3	0	3
Ridley Block Operations Inc, Flemingsburg	39	2	41
Rip's Farm Center - Tollesboro	31	0	31
Roses - Somerset	0	13	13
Roses #587 - Henderson	0	7	7
Rural King Supply - Ashland	5	5	10
Rural King Supply - Georgetown	6	0	6
Rural King Supply - Glasgow	1	4	5
Rural King Supply - Maysville	6	0	6
Rural King Supply - Paducah	15	10	25
Rural King Supply - Pikeville	6	0	6
Rural King Supply - Powderly	1	4	5
Rural King Supply - Radcliff Elizabethtown	2	0	2
Rural King Supply - Shelbyville	3	1	4

**Table 9.** Sample Types by Sampling Location - 2022

<b>BusinessName</b>	<b>Sample # by Feed Type</b>		
	<b>Livestock &amp; Ingredient</b>	<b>Pet &amp; Speciality</b>	<b>Total</b>
Rural King Supply #12 - Owensboro	3	10	13
Russell County Feed Mill Inc	9	0	9
Sam's Club #4876 - Bowling Green	0	2	2
Science Hill Milling Co, Science Hill	12	3	15
Seiter Farms Inc, California	2	0	2
Seventy Feeds LLC, Eubank	8	1	9
Shucks Fence Co, Inc., Shelbyville	2	0	2
Sligo Feed Mill, Pendleton	8	1	9
Sonora Farm Supply, Sonora	2	0	2
Southern Kentucky Feed & Grain, Bowling Green	12	1	13
Southern States - Alexandria	3	0	3
Southern States - Bowling Green	7	0	7
Southern States - Cadiz	3	1	4
Southern States - Campbellsville	7	0	7
Southern States - Cynthia	6	0	6
Southern States - Danville	7	0	7
Southern States - Elizabethtown	6	0	6
Southern States - Eminence	7	0	7
Southern States - Flemingsburg	18	0	18
Southern States - Georgetown	13	0	13
Southern States - Glasgow	6	0	6
Southern States - Henderson	8	0	8
Southern States - Hodgenville	1	0	1
Southern States - Hopkinsville	3	0	3
Southern States - London	10	0	10
Southern States - Maysville	13	3	16
Southern States - Owenton	7	0	7
Southern States - Owingsville	4	0	4
Southern States - Paris	11	0	11
Southern States - Richmond	1	0	1
Southern States - Somerset	16	0	16
Southern States - Warsaw	1	0	1
Stephens Farm Supply, Inc., Olive Hill	5	0	5
Strite Custom Feeds LLC, Crab Orchard	5	0	5
Summersville Feed Mill, Summersville	6	0	6
Sun Valley Feed Mill Inc, Brownsville	3	0	3
Sunny Pastures Feed, Harrodsburg	4	0	4
T & H Feed Service, Inc., Lebanon	3	0	3
T & T Feed and Seed, Bardstown	2	0	2
The Feed Bucket, Simpsonville	2	0	2
The Happy Farmer, Lexington	2	0	2
The Hyland Company Inc, Ashland	7	17	24
Tomahawk 2, West Liberty	8	0	8
Tomahawk Transport, Salyersville	7	0	7
Tractor Supply Company #2355 - Benton	3	6	9
Tractor Supply Company #1103 - Ashland	4	1	5
Tractor Supply Company #1265 - Pikeville	1	0	1
Tractor Supply Company #1296 - Morehead	2	0	2
Tractor Supply Company #1298 - LaGrange	4	0	4
Tractor Supply Company #1301 - Paintsville	2	0	2
Tractor Supply Company #1392 - Alexandria	1	0	1
Tractor Supply Company #1429 - Columbia	2	0	2
Tractor Supply Company #1442 - Murray	2	3	5

**Table 9.** Sample Types by Sampling Location - 2022

BusinessName	Sample # by Feed Type		
	Livestock & Ingredient	Pet & Speciality	Total
Tractor Supply Company #1460 - Cynthiana	1	0	1
Tractor Supply Company #1519 - Grayson	2	0	2
Tractor Supply Company #1522 - Berea	0	3	3
Tractor Supply Company #1561 - Williamsburg	0	1	1
Tractor Supply Company #1565 - Frankfort	1	4	5
Tractor Supply Company #1957 - Owensboro	5	6	11
Tractor Supply Company #2021 - Liberty	2	0	2
Tractor Supply Company #2022 - Munfordville	1	1	2
Tractor Supply Company #247 - Elizabethtown	1	12	13
Tractor Supply Company #248 - Glasgow	1	10	11
Tractor Supply Company #358 - Georgetown	1	0	1
Tractor Supply Company #378 - Richmond	1	0	1
Tractor Supply Company #394 - Florence	6	0	6
Tractor Supply Company #403 - Nicholasville	8	2	10
Tractor Supply Company #451 - Maysville	1	2	3
Tractor Supply Company #536 - Danville	3	2	5
Tractor Supply Company #601 - Franklin	0	2	2
Tractor Supply Company #627 - Louisville	3	0	3
Tractor Supply Company #628 - London	3	3	6
Tractor Supply Company #705 - Hopkinsville	8	0	8
Tractor Supply Company #719 - Mayfield	0	6	6
Trader Joe's - Lexington	0	5	5
Tri-County Fertilizer Co., Inc., Richmond	9	1	10
Trigg County Cattleman Association, Cadiz	1	0	1
Triple J Farm & Fence, Crofton	4	1	5
Tyson - Franklin Feed Mill	7	0	7
Tyson Foods Feed Mill, Sebree	16	0	16
United Livestock Commodities, Mayfield	8	0	8
Walgreens #7685 - Bowling Green	0	2	2
Walmart #1190 - Berea	0	4	4
Walmart #1234 - Monticello	0	7	7
Walmart #143 - Benton	0	2	2
Walmart #2654 - Tompkinsville	0	2	2
Walmart #282 - Franklin	1	2	3
Walmart #430 - Mayfield	0	2	2
Walmart #507 - Lawrenceburg	0	8	8
Walmart #653 - Hopkinsville	0	4	4
Walmart #655 - Hanson	0	3	3
Walmart #729 - Bardstown	0	8	8
Warner Fertilizer - Monticello	2	0	2
West Feeds, Barbourville	1	0	1
Whitetail Heaven Elite Outdoor Superstore, Nicholasville	0	2	2
Whole Foods Market - Lexington	0	5	5
Willard Milling, Inc., Grayson	11	19	30
Winchester Feeds Inc, Winchester	7	0	7
Woodford Feed Co Inc, Versailles	15	0	15
<b>Totals</b>	<b>1704</b>	<b>1242</b>	<b>2946</b>

**Table 10.** Report of Official Feed Samples Analyzed - 2022

Business Name	Samples			Test			Sample Violations
	Total	# Passed	% Passed	Total	# Passed	% Passed	
4M Distributing, Fall Branch, TN	1	1	100.0%	11	11	100.0%	
A Better Treat, El Monte, CA	1	1	100.0%	3	3	100.0%	
Adairville Feed Mill #2, Russellville, KY	17	17	100.0%	106	106	100.0%	
Adairville Feed Mill, Adairville, KY	7	7	100.0%	42	42	100.0%	
ADM Alliance Nutrition Inc, Quincy, IL	14	12	85.7%	103	101	98.1%	Ca (1) Se (1)
ADM Alliance Nutrition, Campbellsville, KY	1	1	100.0%	10	10	100.0%	
ADUSA Distribution LLC, Salisbury, NC	1	1	100.0%	3	3	100.0%	
Advanced Wildlife Solutions, Reynolds, GA	2	1	50.0%	8	7	87.5%	Ca (1)
AG Processing, Inc., Omaha, NE	1	1	100.0%	3	3	100.0%	
Against The Grain, Wheeling, IL	2	0	0.0%	6	4	66.7%	AH Fat (2)
Ag-Alchemy, La Vista, NE	1	1	100.0%	3	3	100.0%	
Ainsworth Pet Nutrition, Meadville, PA	6	6	100.0%	57	57	100.0%	
Alabama Farmers Coop, Decatur, AL	1	1	100.0%	3	3	100.0%	
Albany Building Center, Inc., Albany, KY	1	1	100.0%	7	7	100.0%	
Aldi Inc, Batavia, IL	10	9	90.0%	106	105	99.1%	AH Fat (1)
Allen County Farmers Service, Inc., Scottsville, KY	3	2	66.7%	19	18	94.7%	K (1)
Alltech Inc, Nicholasville, KY	5	5	100.0%	17	17	100.0%	
Amazon.com Services, Inc., Seattle, WA	1	0	0.0%	3	2	66.7%	AH Fat (1)
American Health Kennels Inc, Pompano Beach, FL	1	1	100.0%	3	3	100.0%	
American Pet Nutrition Inc, Ogden, UT	1	0	0.0%	14	12	85.7%	Fe (1) Mn (1)
American Tuna Inc, Bonita, CA	1	0	0.0%	13	12	92.3%	Ca (1)
Anderson County Farm Service, Inc., Lawrenceburg, KY	1	0	0.0%	4	3	75.0%	Fat (1)
Anderson's Marathon Ethanol LLC, Greenville, OH	1	1	100.0%	4	4	100.0%	
Ani-Logics Outdoors LLC, Worthington, MN	4	1	25.0%	35	30	85.7%	C Protein (1) Mn (1) Zn (3)
Antler King Trophy Products, Inc., Black River Falls, WI	2	2	100.0%	17	17	100.0%	
Ark Naturals, Naples, FL	2	1	50.0%	6	5	83.3%	C Protein (1)
Arnold Feed & Seed, Campbellsville, KY	2	1	50.0%	14	13	92.9%	Zn (1)
Arthur Pet Products, Salisbury, MD	3	2	66.7%	9	8	88.9%	AH Fat (1)
Ashland Milling Company, Inc., Ashland, KY	6	5	83.3%	35	34	97.1%	Fat (1)
Associated Wholesale Grocers, Kansas City, KS	12	11	91.7%	133	132	99.2%	AH Fat (1)
Authority Pet Food Co, Phoenix, AZ	4	4	100.0%	54	54	100.0%	
Ava's Pet Palace, Springfield, IL	2	2	100.0%	6	6	100.0%	
Axis Product Group LLC, Rogers, AR	4	4	100.0%	43	43	100.0%	
B & S Feed Store, Middlesboro, KY	1	1	100.0%	6	6	100.0%	
Bagdad Roller Mills, Inc., Bagdad, KY	45	30	66.7%	331	309	93.4%	C Protein (8) AD Fiber (7) ND Fiber (3) P (1) Salt (1) Zn (1) Monensin (1)

**Table 10.** Report of Official Feed Samples Analyzed - 2022

Business Name	Samples			Test			Sample Violations
	Total	# Passed	% Passed	Total	# Passed	% Passed	
Bardstown Mills, Inc., Bardstown, KY	26	4	15.4%	223	174	78.0%	C Protein (19) Fat (2) C Fiber (7) AD Fiber (7) Ca (1) P (1) Salt (1) Cu (6) K (3) Zn (2) Vit A (4) Monensin (1)
Barkworthies, Richmond, VA	1	1	100.0%	3	3	100.0%	
Barton Brands Ltd, Bardstown, KY	3	3	100.0%	9	9	100.0%	
Bears Bone Bakery, Evansville, IN	1	1	100.0%	3	3	100.0%	
Beaumont Products Inc, Kennesaw, GA	2	1	50.0%	7	6	85.7%	AH Fat (1)
Because It's Better, Ridgefield, CT	1	0	0.0%	3	2	66.7%	C Protein (1)
Belstra Milling Company Inc, De Motte, IN	1	1	100.0%	5	5	100.0%	
Bench & Field Pet Foods LLC, Miskawaka, IN	1	1	100.0%	12	12	100.0%	
Bentrei Fertilizer Company LLC, Tulsa, OK	1	1	100.0%	3	3	100.0%	
Best Buy Bones, Mount Morris, MI	1	0	0.0%	4	3	75.0%	AH Fat (1)
Big & J Industries Inc, Grand Island, NE	3	3	100.0%	20	20	100.0%	
Big Heart Pet Brands, Pittsburgh, PA	13	13	100.0%	133	133	100.0%	
Bil Jac Foods Inc, Medina, OH	1	1	100.0%	13	13	100.0%	
Biozyme Incorporated, St Joseph, MO	3	3	100.0%	32	32	100.0%	
Birdsong Peanuts, Ashburn, GA	1	1	100.0%	3	3	100.0%	
Bixbi Pet, Boulder, CO	7	3	42.9%	82	75	91.5%	C Protein (2) AH Fat (2) Ca (1) P (1) Ca:P (1)
Blandford Mills, LLC, Springfield, KY	7	3	42.9%	45	41	91.1%	C Protein (1) K (3)
Bloomington Specialty Products, Bloomington, IN	1	1	100.0%	1	1	100.0%	
Blue Buffalo Co LTD, Wilton, CT	19	18	94.7%	195	194	99.5%	AH Fat (1)
Blue Dog Bakery, Seattle, WA	2	2	100.0%	6	6	100.0%	
Blue Ridge Koi & Goldfish, Kernersville, NC	1	1	100.0%	3	3	100.0%	
Blue Ridge Naturals, Murphy, NC	1	1	100.0%	3	3	100.0%	
Bluegrass Barkery - Shaker Run, Lexington, KY	1	0	0.0%	3	1	33.3%	C Protein (1) Fat (1)
Bluegrass Farm Supply, Marion, KY	8	5	62.5%	64	61	95.3%	C Protein (2) C Fiber (1)
Bluegrass Feed & Supply LLC, Hustonville, KY	3	3	100.0%	18	18	100.0%	
Bluegrass Seed & Fertilizer, Inc., Bardstown, KY	18	7	38.9%	138	127	92.0%	C Protein (4) AD Fiber (1) Ca (1) P (1) Salt (1) Cu (1) K (1) Zn (1)
Bocce's Bakery, Brooklyn, NY	5	3	60.0%	14	12	85.7%	C Protein (1) Moisture (1)
Boss Buck, Grand Prairie, TX	2	1	50.0%	9	8	88.9%	C Protein (1)
Boss Dog Brands Inc., Duvall, WA	3	1	33.3%	8	5	62.5%	C Protein (1) AH Fat (2)
Bowlin's Feed, Inc., Albany, KY	3	2	66.7%	22	21	95.5%	Ca (1)
Bowman Milling, Pocahtontas, MO	3	0	0.0%	21	18	85.7%	Zn (3)

**Table 10.** Report of Official Feed Samples Analyzed - 2022

Business Name	Samples			Test			Sample Violations
	Total	# Passed	% Passed	Total	# Passed	% Passed	
Bratcher Ag LLC, Crab Orchard, KY	9	2	22.2%	62	48	77.4%	Fat (1) Ca (4) P (3) Salt (2) K (3) Decox (1)
Brodhead Farm Market, Brodhead, KY	1	1	100.0%	9	9	100.0%	
Brooksville Farm Supply, Brooksville, KY	6	3	50.0%	50	47	94.0%	C Protein (3)
Buchheit Inc, Perryville, MO	3	3	100.0%	23	23	100.0%	
Buckley Bros Inc, Wilmington, OH	1	1	100.0%	8	8	100.0%	
Buddy Biscuits, Chesterfield, MO	3	2	66.7%	8	7	87.5%	C Protein (1)
Buddy Budder, Deerfield Beach, FL	1	1	100.0%	2	2	100.0%	
Buffalo Trace Distillery Inc, Frankfort, KY	2	2	100.0%	6	6	100.0%	
Bunge NA (East) LLC, Morristown, IN	3	2	66.7%	9	8	88.9%	C Protein (1)
Bunge NA Inc, Cairo, IL	8	7	87.5%	24	23	95.8%	C Fiber (1)
Burkman Feeds LLC, Danville, KY	41	36	87.8%	358	351	98.0%	C Protein (2) P (2) Salt (1) Mg (1) Mn (1)
Burkman Feeds LLC, Glasgow, KY	23	16	69.6%	175	167	95.4%	C Protein (3) Se (1) Lasalocid (3) Monensin (1)
Burkman Feeds, Bowling Green, KY	8	6	75.0%	49	47	95.9%	C Protein (2)
Burkman Feeds, Edmonton, KY	10	7	70.0%	81	77	95.1%	C Protein (1) Ca (1) Salt (1) Lasalocid (1)
Burkman Feeds, Harned, KY	4	2	50.0%	28	26	92.9%	C Protein (1) Fat (1)
Burkman Feeds, London, KY	13	7	53.8%	82	74	90.2%	C Protein (3) Fat (3) Ca (2)
Burkman Feeds, Summer Shade, KY	1	1	100.0%	6	6	100.0%	
Busch Agricultural Resources, Jonesboro, AR	1	1	100.0%	3	3	100.0%	
Butchers Naturals LLC, Boca Raton, FL	1	0	0.0%	3	2	66.7%	AH Fat (1)
Cafe Nara Pet Food, Vero Beach, FL	1	1	100.0%	3	3	100.0%	
Calhouns Feed Service, Madisonville, KY	2	2	100.0%	12	12	100.0%	
Canidae Corporation, Norco, CA	8	5	62.5%	94	90	95.7%	AH Fat (1) Ca (1) P (2)
Cardinal Laboratories Inc, Azusa, CA	2	2	100.0%	6	6	100.0%	
Cargill Animal Nutrition, Minneapolis, MN	94	67	71.3%	780	748	95.9%	C Protein (19) AD Fiber (2) Ca (2) Salt (3) Fe (2) Na (2) S (2)
Cargill Dry Corn Ingredients, Paris, IL	2	2	100.0%	6	6	100.0%	
Cargill Incorporated, Minneapolis, MN	2	2	100.0%	7	7	100.0%	
Carnivore Meat Co LLC, Green Bay, WI	2	0	0.0%	26	20	76.9%	AH Fat (2) Ca (2) P (1) Ca:P (1)
Carolina Prime Pet, Lenoir, NC	3	1	33.3%	9	7	77.8%	C Protein (1) AH Fat (1)
Caru Pet Food Company LLP, Vero Beach, FL	1	1	100.0%	3	3	100.0%	
Castor & Pollux Pet Works, Amarillo, TX	4	4	100.0%	53	53	100.0%	
Caudill Seed - Louisville, Louisville, KY	3	3	100.0%	21	21	100.0%	
Central Aquatic, Franklin, WI	3	3	100.0%	10	10	100.0%	

**Table 10.** Report of Official Feed Samples Analyzed - 2022

Business Name	Samples			Test			Sample Violations
	Total	# Passed	% Passed	Total	# Passed	% Passed	
Central Farm Supply of KY, Inc., Louisville, KY	25	17	68.0%	199	189	95.0%	C Protein (4) Ca (1) Co (2) Cu (1) Se (1) Zn (1)
Central Farmers Supply, Inc., Greensburg, KY	6	4	66.7%	60	58	96.7%	Ca (1) Salt (1)
Champion Petfoods USA Inc, Auburn, KY	7	6	85.7%	92	91	98.9%	Ash (1)
Chicken Soup for the Pet Lover's Soul, Cos Cob, CT	5	5	100.0%	58	58	100.0%	
CHS Inc, Inver Grove Heights, MN	1	1	100.0%	4	4	100.0%	
Claudia's Canine Bakery, Maumelle, AR	6	6	100.0%	18	18	100.0%	
Clif Bar and Company, Emeryville, CA	1	1	100.0%	3	3	100.0%	
Coastwise Processors Inc, Surrey, BC	4	4	100.0%	53	53	100.0%	
Cobalt International, Rock Hill, SC	2	1	50.0%	8	6	75.0%	C Protein (1) AH Fat (1)
Commonwealth Agri-Energy LLC, Hopkinsville, KY	4	4	100.0%	16	16	100.0%	
Compana-Manna Pro dba Dinovite LLC, Crittenden, KY	6	6	100.0%	16	16	100.0%	
Consolidated Grain & Barge, Mt Vernon, IN	5	5	100.0%	15	15	100.0%	
Consumers Supply Distributing, North Sioux City, SD	4	3	75.0%	32	30	93.8%	Ca (1) P (1)
Cosmos Corporation, Wentzville, MO	1	1	100.0%	3	3	100.0%	
Costco Wholesale Corporation, Seattle, WA	3	3	100.0%	40	40	100.0%	
Country Acres Feed Co Inc, Brentwood, MO	1	1	100.0%	5	5	100.0%	
CPC Commodities LLC, Fountain Run, KY	62	48	77.4%	546	530	97.1%	C Protein (8) Fat (1) Ca (2) Cu (1) K (1) Lasalocid (1) Monensin (2)
Cub Run Milling, Cub Run, KY	6	4	66.7%	48	44	91.7%	C Protein (1) C Fiber (1) Ca (1) P (1)
Cullman Blend Mill, Cullman, AL	1	1	100.0%	7	7	100.0%	
D & D Commodities, Stephen, MN	4	3	75.0%	17	16	94.1%	Fat (1)
D & D Ingredient Dist Inc, Delphos, OH	2	2	100.0%	6	6	100.0%	
Darling International Inc, Irving, TX	11	10	90.9%	34	33	97.1%	C Fiber (1)
Dave's Pet Food, Agawam, MA	3	3	100.0%	39	39	100.0%	
Dawson Family Feed & Seed, Russellville, KY	17	13	76.5%	130	125	96.2%	C Protein (2) Fat (2) Salt (1)
Day & Day Feed Mill, Columbia, KY	5	3	60.0%	28	26	92.9%	C Protein (1) P (1)
Dechra Veterinary Products, Overland Park, KS	1	1	100.0%	3	3	100.0%	
Deer Crack LLC, HARTLAND, MI	2	2	100.0%	6	6	100.0%	
Deer:30, Madisonville, KY	2	0	0.0%	15	12	80.0%	Ca (1) Cu (1) Zn (1)
Diageo/Bulleit Distilling, Shelbyville, KY	1	1	100.0%	3	3	100.0%	
Diamond Pet Foods Co, Meta, MO	7	7	100.0%	96	96	100.0%	
Dick Van Patten's, Burbank, CA	6	4	66.7%	78	74	94.9%	AH Fat (1) Ca (1) P (1) Ca:P (1)

**Table 10.** Report of Official Feed Samples Analyzed - 2022

Business Name	Samples			Test			Sample Violations
	Total	# Passed	% Passed	Total	# Passed	% Passed	
Do-All Outdoors LLC, Nashville, TN	1	0	0.0%	10	5	50.0%	Fe (1) Mg (1) Mn (1) K (1) S (1)
Dog Treat Naturals, St. Peters, MO	1	0	0.0%	3	2	66.7%	AH Fat (1)
Dogs Love Us LLC, Naples, FL	1	1	100.0%	3	3	100.0%	
Dolgencorp LLC, Goodlettsville, TN	3	3	100.0%	28	28	100.0%	
Dr. Marty, Woodland Hills, CA	5	0	0.0%	64	58	90.6%	AH Fat (4) P (1) Ca:P (1)
E3 Ranch, Fort Scott, KS	2	0	0.0%	6	4	66.7%	C Protein (1) AH Fat (1)
Earlybird Feed & Fertilizer, Goodfield, IL	1	1	100.0%	8	8	100.0%	
Earth Animal, Westport, CT	2	1	50.0%	26	24	92.3%	AH Fat (1) P (1)
Emerald Pet Products, Oakland, CA	4	2	50.0%	14	12	85.7%	Ash (2)
Enviroflight LLC, Maysville, KY	7	7	100.0%	37	37	100.0%	
Equus Magnus, White Bear Lake, MN	1	1	100.0%	4	4	100.0%	
Evangers Dog & Cat Food Co Inc, Wheeling, IL	2	1	50.0%	16	14	87.5%	Ca (1) P (1)
Evolved Habitats, New Roads, LA	1	1	100.0%	4	4	100.0%	
Excel Equine, Louisville, KY	17	13	76.5%	159	154	96.9%	AD Fiber (2) ND Fiber (3)
Exclusively Pet Inc, Milwaukee, WI	1	1	100.0%	3	3	100.0%	
Exotic Nutrition, Newport News, VA	2	1	50.0%	12	11	91.7%	Ca (1)
F M Browns Sons Inc, Sinking Spring, PA	7	5	71.4%	39	37	94.9%	C Protein (1) Fat (1)
Faithway Feed Co Inc, Guntersville, AL	5	3	60.0%	44	41	93.2%	Ca (1) P (2)
Farm House, Milton, WV	2	0	0.0%	14	10	71.4%	Ca (2) P (2)
Farmers Choice Feed Mill, Kirksey, KY	4	0	0.0%	39	32	82.1%	C Protein (2) Ca (4) Zn (1)
Farmers Feed Mills Inc, Lexington, KY	19	19	100.0%	185	185	100.0%	
Farmina Pet Foods, New York, NY	4	3	75.0%	55	54	98.2%	Ca:P (1)
Feed Blenders Inc., Lebanon, KY	23	4	17.4%	166	108	65.1%	C Protein (14) C Fiber (14) Ca (11) P (11) Salt (2) Cu (3) Zn (3)
Feed Solutions, Arden Hills, MN	7	6	85.7%	50	49	98.0%	Zn (1)
Feeders Supply - Corporate, Louisville, KY	4	3	75.0%	40	39	97.5%	C Protein (1)
Fertrell Co, Bainbridge, PA	1	1	100.0%	4	4	100.0%	
Finley's, Eden Prairie, MN	2	2	100.0%	6	6	100.0%	
Five Star Feed Services, Guthrie, KY	11	5	45.5%	81	68	84.0%	C Protein (1) Fat (1) C Fiber (1) AD Fiber (2) P (1) Mg (3) K (2) Se (2)
Fleming County Farm Supply - Hinton Mills, Flemingsburg, KY	36	30	83.3%	279	271	97.1%	C Protein (2) Fat (1) C Fiber (1) ND Fiber (1) P (1) Salt (2)
FLP LLC, Tempe, AZ	4	4	100.0%	8	8	100.0%	
Fluker Farms Inc, Port Allen, LA	1	1	100.0%	5	5	100.0%	
Focus-On Tools, Logan, UT	1	1	100.0%	3	3	100.0%	



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Foodhold USA, LLC, Landover, MD	5	4	80.0%	49	48	98.0%	C Protein (1)
Foppers Pet Treat Bakery, Logansport, IN	4	2	50.0%	12	10	83.3%	AH Fat (2)
Formax Feeds, Danville, KY	28	21	75.0%	222	215	96.8%	C Protein (1) Salt (1) Mg (1) Se (2) S (1) Monensin (1)
Four Paws Products LTD, Neptune City, NJ	1	0	0.0%	12	9	75.0%	AH Fat (1) Mg (1) K (1)
Freely Pet LLC, Maplewood, MO	5	5	100.0%	63	63	100.0%	
Fromm Family Foods LLC, Mequon, WI	9	8	88.9%	102	100	98.0%	Ca (1) Ca:P (1)
Furst-McNess Co, Freeport, IL	1	1	100.0%	4	4	100.0%	
Gaines Family Farmstead, Hueytown, AL	2	0	0.0%	6	3	50.0%	C Protein (2) AH Fat (1)
Gangsta Dog, Louisville, KY	2	0	0.0%	18	16	88.9%	AH Fat (1) Ash (1)
Gavilon Ingredients LLC, Omaha, NE	2	2	100.0%	8	8	100.0%	
Gentle Giants Products Inc., Norco, CA	2	1	50.0%	25	24	96.0%	P (1)
GHC Milling Co, Fordsville, KY	7	7	100.0%	56	56	100.0%	
Global Harvest Birdseed, Seattle, WA	2	1	50.0%	6	5	83.3%	AH Fat (1)
Gold River Feeds, Shelbyville, TN	1	0	0.0%	8	7	87.5%	Mg (1)
Golden Rod Feeds, Liberty, KY	8	7	87.5%	54	53	98.1%	Lasalocid (1)
Gott Pet Products LLC, St Francis, WI	3	2	66.7%	9	8	88.9%	Fat (1)
Grain Processing Corp - Indiana, Washington, IN	4	2	50.0%	13	11	84.6%	C Protein (1) Moisture (1)
Gramercy Products, Secaucus, NJ	1	1	100.0%	3	3	100.0%	
Grandma Lucy's, Rancho Santa Margarita, CA	2	2	100.0%	6	6	100.0%	
Grandma Mae's Country Naturals, New York, NY	3	2	66.7%	38	34	89.5%	C Protein (1) AH Fat (1) Ca (1) P (1)
Green Coast Pet, Pasadena, CA	2	1	50.0%	5	4	80.0%	AH Fat (1)
Green River Feed Mill Inc, Morgantown, KY	14	10	71.4%	88	83	94.3%	C Protein (1) Fat (1) Ca (1) Salt (1) Zn (1)
Greenbrier International, Chesapeake, VA	4	4	100.0%	22	22	100.0%	
Greenleaf Commodities, Danville, KY	8	7	87.5%	40	39	97.5%	C Protein (1)
Gro-Tec Inc, Modoc, IN	4	4	100.0%	21	21	100.0%	
Halo-Purely for Pets, Tampa, FL	8	6	75.0%	104	102	98.1%	AH Fat (2)
Hansen-Mueller Co, Omaha, NE	7	7	100.0%	21	21	100.0%	
Happy Howies Inc, Detroit, MI	1	1	100.0%	3	3	100.0%	
Happy Jack Inc, Snow Hill, NC	1	1	100.0%	13	13	100.0%	
Hardcore Hunters, Grafton, WV	1	1	100.0%	5	5	100.0%	
Hardin County Milling Co Inc, Elizabethtown, KY	11	9	81.8%	85	83	97.6%	C Protein (2)
Harvest Lane Honey, South Salt Lake, UT	1	1	100.0%	2	2	100.0%	
Hays Feed & Seed LLC, Smiths Grove, KY	5	1	20.0%	54	46	85.2%	C Protein (2) Fat (1) AD Fiber (1) Ca (2) Salt (1) Zn (1)
Healthy Chews - Petmate, Arlington, TX	1	1	100.0%	4	4	100.0%	

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Herbsmith Inc, Hartland, WI	1	0	0.0%	3	1	33.3%	C Protein (1) AH Fat (1)
Hero Pet Brands LLC, Dallas, TX	1	1	100.0%	13	13	100.0%	
Higgins Group Corporation, Miami, FL	2	0	0.0%	8	6	75.0%	C Protein (2)
Hikari Sales USA Inc, Hayward, CA	3	3	100.0%	15	15	100.0%	
Hilander Feed Inc, Georgetown, KY	1	1	100.0%	9	9	100.0%	
Hills Pet Nutrition Inc, Topeka, KS	9	9	100.0%	96	96	100.0%	
Hillside Farms, Irvine, CA	1	0	0.0%	3	1	33.3%	C Protein (1) AH Fat (1)
Himalayan Corporation, Mukilteo, WA	2	1	50.0%	8	7	87.5%	C Protein (1)
Hirsch Feed & Farm Supply Inc., Thayer, MO	7	6	85.7%	54	53	98.1%	AD Fiber (1)
Hi-Tek Rations, Dublin, GA	1	1	100.0%	13	13	100.0%	
Hoover Feed Mill, Scottsville, KY	20	18	90.0%	140	138	98.6%	C Protein (1) Ca (1)
Horse Health Products, Phoenix, AZ	1	1	100.0%	7	7	100.0%	
Hubbard Feeds Inc, Mankato, MN	9	8	88.9%	65	64	98.5%	Zn (1)
Huron Commodities, Clinton, ON	2	2	100.0%	8	8	100.0%	
I and Love and You, Boulder, CO	1	1	100.0%	13	13	100.0%	
IAMK9 Pets, Pleasanton, CA	1	1	100.0%	3	3	100.0%	
IcelandicPlus LLC, Ft. Washington, PA	2	2	100.0%	6	6	100.0%	
IMS Pet Industries, Wood Ridge, NJ	3	1	33.3%	9	7	77.8%	AH Fat (2)
In Demand Feeds, Greensburg, IN	1	0	0.0%	8	7	87.5%	C Protein (1)
Inaba Foods (USA) Inc, Torrance, CA	1	1	100.0%	3	3	100.0%	
Incobrasa Industries LTD, Gilman, IL	1	1	100.0%	3	3	100.0%	
Inter American, Cincinnati, OH	8	7	87.5%	104	103	99.0%	Ca:P (1)
International Pet Foods Co, Miami, FL	4	3	75.0%	42	41	97.6%	AH Fat (1)
Intl Pet Supplies/Distributing, San Diego, CA	6	6	100.0%	69	69	100.0%	
iVet, Parkville, MO	3	2	66.7%	28	27	96.4%	P (1)
J & C Pet Supply, Lakewood Township, NJ	1	0	0.0%	3	2	66.7%	AH Fat (1)
J & H Feed & Tack Inc, Paintsville, KY	13	5	38.5%	90	79	87.8%	C Protein (7) Fat (1) Ca (2) Salt (1)
J E Ronicker Labs Inc, West Milton, OH	2	2	100.0%	19	19	100.0%	
J Mike Strickland Farm LLC, Pine Mt, GA	1	0	0.0%	11	10	90.9%	Fe (1)
Jabetown Mill, Ewing, KY	1	1	100.0%	1	1	100.0%	
JBS USA LLC, Souderton, PA	1	0	0.0%	5	4	80.0%	P (1)
Jeffries Feed Seed & Supply Inc, Campbellsville, KY	6	3	50.0%	35	32	91.4%	C Protein (2) Ca (1)
Jenkins Feed Service , Adams, TN	2	2	100.0%	15	15	100.0%	
Jinx Inc, Los Angeles, CA	2	2	100.0%	6	6	100.0%	
Joy Pet Foods, Pinckneyville, IL	3	3	100.0%	39	39	100.0%	
JSW Farm Supply, West Liberty, KY	4	4	100.0%	25	25	100.0%	
K9 Granola Factory, Thomasville, PA	8	4	50.0%	24	20	83.3%	C Protein (1) AH Fat (2) Moisture (1)
K9 Natural Food, Christchurch, NZ	2	2	100.0%	25	25	100.0%	

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Kalmbach Feeds Inc, Upper Sandusky, OH	32	29	90.6%	312	308	98.7%	C Protein (1) P (1) Monensin (1) Ash (1)
KAS Pet, Westbury, NY	2	0	0.0%	7	3	42.9%	Fat (1) AH Fat (1) Zn (2)
Kasel Industries, Denver, CO	3	1	33.3%	10	8	80.0%	AH Fat (2)
Kaytee Products Inc, Chilton, WI	11	10	90.9%	43	42	97.7%	AH Fat (1)
KDR Pet Treats LLC, Fresno, CA	3	0	0.0%	9	6	66.7%	C Protein (2) AH Fat (1)
Kee's Farm Service & Supply, LLC., Grayson, KY	1	1	100.0%	6	6	100.0%	
Kelly Foods Corporation, Medina, OH	6	6	100.0%	58	58	100.0%	
Kent Nutrition Group Inc, Muscatine, IA	7	6	85.7%	64	62	96.9%	Ca (1) P (1)
Kentucky Equine Research Inc, Versailles, KY	3	2	66.7%	23	21	91.3%	Cu (1) Zn (1)
Kentucky Feed & Equine Supply, Sturgis, KY	3	2	66.7%	19	18	94.7%	C Protein (1)
Kentucky Nutrition Service Inc, Nancy, KY	5	4	80.0%	50	47	94.0%	Ca (1) Mg (1) K (1)
Kentucky Organic Farm and Feed Inc, Guthrie, KY	8	6	75.0%	55	53	96.4%	C Protein (1) C Fiber (1)
Kentucky Performance Products, Versailles, KY	1	1	100.0%	5	5	100.0%	
Knifley Ag Supply & Hardware, Campbellsville, KY	2	2	100.0%	14	14	100.0%	
Koch Chinchilla Ranch, Cincinnati, OH	2	0	0.0%	12	10	83.3%	C Protein (2)
Kong Company, Golden, CO	2	2	100.0%	7	7	100.0%	
Kreamer Feed Inc, Kreamer, PA	3	3	100.0%	18	18	100.0%	
Kroger, Cincinnati, OH	17	15	88.2%	148	146	98.6%	AH Fat (2)
KY Buying Coop Intl Inc, Lexington, KY	3	3	100.0%	30	30	100.0%	
La Crosse Milling Company, Cochrane, WI	2	2	100.0%	6	6	100.0%	
Lafayette Bay Products LLC, Orono, MN	2	2	100.0%	6	6	100.0%	
Lafeber Company, Cornell, IL	3	3	100.0%	12	12	100.0%	
Lake Cumberland Feed & Farm Supply, LLC, Russell Springs, KY	3	2	66.7%	20	17	85.0%	C Protein (1) Ca (1) Cu (1)
Land O'Lakes Animal Milk Products Co., Arden Hills, MN	2	2	100.0%	12	12	100.0%	
Landus Cooperative, Ralston, IA	1	1	100.0%	5	5	100.0%	
Laroy Group, Horsham, PA	1	1	100.0%	6	6	100.0%	
Leo Gabbard, West Harrison, IN	1	0	0.0%	13	11	84.6%	Ca (1) P (1)
Lhoist North America of TN Inc, Brentwood, TN	1	1	100.0%	1	1	100.0%	
Little Dog Pawstry Shop, Simpsonville, KY	1	0	0.0%	3	2	66.7%	AH Fat (1)
Lowes Pellets & Grain Inc, Greensburg, IN	2	1	50.0%	19	18	94.7%	Monensin (1)
Lucerne Farms, Fort Fairfield, ME	1	0	0.0%	5	4	80.0%	Fat (1)
Luttrull Feeds, Inc., Pembroke, KY	6	3	50.0%	49	43	87.8%	C Protein (2) Fat (1) P (2) Se (1)
Luvtails, Naples, FL	1	0	0.0%	3	2	66.7%	C Protein (1)
M & M Farm Supply, Austin, KY	2	1	50.0%	15	13	86.7%	C Protein (1) Lasalocid (1)
M Pet Group Corp, Hallandale, FL	1	1	100.0%	3	3	100.0%	
Majesty's Animal Nutrition, Redmond, OR	1	1	100.0%	5	5	100.0%	
Manna Pro Products LLC, Chesterfield, MO	10	10	100.0%	79	79	100.0%	

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Mars Fishcare North America Inc, Chalfont, PA	2	2	100.0%	6	6	100.0%	
Mars Petcare US Inc, Franklin, TN	34	32	94.1%	373	371	99.5%	AH Fat (1) P (1)
Marshall Pet Products, Wolcott, NY	3	3	100.0%	9	9	100.0%	
Mar-Vo Mineral Co Inc, Osseo, MI	3	2	66.7%	11	10	90.9%	Salt (1)
Maximum Performance Inc, Louisville, KY	1	0	0.0%	10	9	90.0%	Fe (1)
Mazelin Feed Mill, Scottsville, KY	25	19	76.0%	207	198	95.7%	C Protein (4) Fat (1) Ca (1) Cu (1) Zn (2)
McCauley Brothers Inc, Versailles, KY	24	23	95.8%	243	242	99.6%	C Protein (1)
McRay Feed LLC, Harrodsburg, KY	23	19	82.6%	123	119	96.7%	C Protein (2) Fat (1) C Fiber (1)
Meijer Inc, Grand Rapids, MI	9	7	77.8%	52	50	96.2%	C Protein (1) Cu (1)
Menard Inc, Eau Claire, WI	6	4	66.7%	49	47	95.9%	AH Fat (2)
Menifee County Farm Supply, Frenchburg, KY	1	1	100.0%	6	6	100.0%	
Merrick Pet Care Inc, Amarillo, TX	14	10	71.4%	163	158	96.9%	AH Fat (2) Ca (1) P (1) Ash (1)
MFS Alliance Inc, Edmonton, KY	3	2	66.7%	21	19	90.5%	Salt (1) Monensin (1)
MGPI of Indiana LLC, Lawrenceburg, IN	6	6	100.0%	18	18	100.0%	
Mid America Pet Food LLC, Mt Pleasant, TX	6	6	100.0%	70	70	100.0%	
Midwestern Pet Foods Inc, Evansville, IN	9	9	100.0%	98	98	100.0%	
Midwood Brands, LLC, Chesapeake, VA	3	2	66.7%	36	35	97.2%	Fe (1)
Milo's Kitchen LLC, Pittsburgh, PA	4	1	25.0%	12	9	75.0%	AH Fat (3)
Miracle Corp Products, Dayton, OH	2	0	0.0%	6	4	66.7%	AH Fat (2)
Mississippi Lime Co, St Louis, MO	1	1	100.0%	1	1	100.0%	
Monkfield Nutrition Ltd, Mepal, Cambridgeshire, UK	2	1	50.0%	5	4	80.0%	C Protein (1)
Monnig Brothers, Ironton, OH	3	3	100.0%	23	23	100.0%	
MPM Products USA Inc, Kennesaw, GA	8	8	100.0%	38	38	100.0%	
Mrs Pastures Cookies For Horse, Walnut Creek, CA	2	2	100.0%	10	10	100.0%	
Myers Feed & Farm Supply, Corinth, KY	6	6	100.0%	52	52	100.0%	
Nacho Eats Inc, New York, NY	7	6	85.7%	67	66	98.5%	AH Fat (1)
Natural Polymer Intl Corp, Plano, TX	3	3	100.0%	13	13	100.0%	
Natures Animals Inc, Mamaroneck, NY	2	2	100.0%	6	6	100.0%	
Nature's Diet LLC, Provo, UT	5	2	40.0%	34	26	76.5%	C Protein (1) AH Fat (3) P (1) Cu (1) Zn (1) Moisture (1)
Natures Logic, Lincoln, NE	5	5	100.0%	15	15	100.0%	
Natures Recipe Pet Foods, Pittsburgh, PA	4	4	100.0%	54	54	100.0%	
Natures Variety, Lincoln, NE	7	4	57.1%	69	66	95.7%	AH Fat (3)
Nestle Purina Petcare Co, St Louis, MO	47	45	95.7%	481	479	99.6%	AH Fat (2)
New Country Organics, Waynesboro, VA	2	2	100.0%	14	14	100.0%	
Newman's Own Organics, Aptos, CA	1	0	0.0%	3	2	66.7%	AH Fat (1)
Northwest Naturals, Portland, OR	2	0	0.0%	15	13	86.7%	AH Fat (2)
Nulo Inc, Austin, TX	7	5	71.4%	69	67	97.1%	C Protein (1) AH Fat (1)

**Table 10.** Report of Official Feed Samples Analyzed - 2022

Business Name	Samples			Test			Sample Violations
	Total	# Passed	% Passed	Total	# Passed	% Passed	
Nunn Milling Company Inc, Evansville, IN	6	6	100.0%	39	39	100.0%	
Nutra Blend Corp, Neosho, MO	2	2	100.0%	7	7	100.0%	
Nutrena, Minneapolis, MN	9	7	77.8%	80	78	97.5%	Fat (2)
Nutrien Ag Solutions, Cecilia, KY	1	0	0.0%	3	2	66.7%	C Fiber (1)
Nutri-Vet LLC, Boise, ID	2	2	100.0%	6	6	100.0%	
Nylabone Products, Neptune, NJ	3	3	100.0%	10	10	100.0%	
Odom's Livestock Supply, Inc., Mayfield, KY	10	8	80.0%	70	68	97.1%	C Protein (1) S (1)
Old East Main Co, Goodlettsville, TN	12	12	100.0%	125	125	100.0%	
Omega Protein Inc, Reedville, VA	1	1	100.0%	4	4	100.0%	
Omega Sea LTD, Painsville, OH	1	1	100.0%	3	3	100.0%	
Only Natural Pet, Boulder, CO	8	3	37.5%	95	86	90.5%	C Protein (3) AH Fat (1) Ca (2) P (3)
Open Farm Inc, Toronto, ON	9	9	100.0%	91	91	100.0%	
Orscheln Farm & Home, Moberly, MO	10	9	90.0%	83	82	98.8%	C Protein (1)
Outward Hound - The Kyjen Corporation, Centennial, CO	1	1	100.0%	3	3	100.0%	
Overton-Pickett Farmers Coop, Livingston, TN	1	0	0.0%	6	5	83.3%	Ca (1)
Owensboro Grain Co LLC, Owensboro, KY	12	12	100.0%	35	35	100.0%	
Oxbow Enterprises, Murdock, NE	3	3	100.0%	16	16	100.0%	
Pacific Coast Distributing, Phoenix, AZ	7	7	100.0%	58	58	100.0%	
Pampa Beverages LLC, Miami, FL	1	0	0.0%	3	2	66.7%	C Protein (1)
Pangea Reptile LLC, Zeeland, MI	1	1	100.0%	4	4	100.0%	
Paw Prints Bakery LLC, Georgetown, KY	3	2	66.7%	9	8	88.9%	C Protein (1)
PawLove, Richmond, VA	2	1	50.0%	6	5	83.3%	AH Fat (1)
Pawsitively Gourmet, Englewood, CO	1	0	0.0%	3	1	33.3%	C Protein (1) AH Fat (1)
Penn Pak Inc, Madison, GA	1	0	0.0%	3	2	66.7%	AH Fat (1)
Pennwoods Equine Products Inc, Centre Hall, PA	1	1	100.0%	4	4	100.0%	
Performance Feeds, Caneyville, KY	19	15	78.9%	159	155	97.5%	Monensin (4)
Performance Feeds, Red Boiling Springs, TN	14	7	50.0%	103	95	92.2%	C Protein (1) C Fiber (1) K (1) Monensin (5)
Performance Seed, St. Cloud, MN	1	1	100.0%	3	3	100.0%	
Pet Brands, Columbus, OH	3	2	66.7%	9	8	88.9%	C Protein (1)
Pet Jerky Factory, Colton, CA	1	0	0.0%	3	2	66.7%	AH Fat (1)
Pet Retail Brands, Toronto, ON	11	7	63.6%	132	128	97.0%	AH Fat (1) Ca:P (3)
Pet Wants, Cincinnati, OH	3	3	100.0%	39	39	100.0%	
Pet-Ag Inc, Hampshire, IL	5	5	100.0%	14	14	100.0%	
Petkind, White Rock, BC	2	1	50.0%	7	5	71.4%	AH Fat (1) Ash (1)
Petland, Chillicothe, OH	5	4	80.0%	54	52	96.3%	Ca (1) P (1)
Pet's Best Life LLC, Kansas City, MO	2	1	50.0%	17	16	94.1%	P (1)
Pets Global Inc, Gardena, CA	11	11	100.0%	141	141	100.0%	
Petsense, Brentwood, TN	2	1	50.0%	8	7	87.5%	Zn (1)

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Phelps Industries LLC, Rockford, IL	4	2	50.0%	12	10	83.3%	AH Fat (2)
PMI Nutrition International LLC, Brentwood, MO	4	3	75.0%	23	22	95.7%	C Protein (1)
PMI Nutrition LLC, Arden Hills, MN	2	2	100.0%	16	16	100.0%	
Poet Biorefining, Shelbyville, IN	1	1	100.0%	4	4	100.0%	
Poet Nutrition Inc, Sioux Falls, SD	1	1	100.0%	4	4	100.0%	
Premium Nutritional Products, Mission, KS	5	4	80.0%	30	29	96.7%	AH Fat (1)
Preppy Puppy Bakery, New Wareham, MA	2	0	0.0%	8	5	62.5%	C Protein (1) AH Fat (2)
Pretty Bird Intl Inc, Stacy, MN	1	1	100.0%	6	6	100.0%	
Prewitt Farm Supply, Inc., Williamsburg, KY	4	4	100.0%	24	24	100.0%	
Primal Pet Foods Inc, San Francisco, CA	1	0	0.0%	4	3	75.0%	AH Fat (1)
Primos Hunting Calls, Flora, MS	1	1	100.0%	5	5	100.0%	
Prince Corporation, Marshfield, WI	1	0	0.0%	5	4	80.0%	Ca (1)
Pro Solutions, Hiseville, KY	1	1	100.0%	10	10	100.0%	
Professional Nutrition Services, Flemingsburg, KY	1	1	100.0%	2	2	100.0%	
Professional Pet Co, Meta, MO	1	1	100.0%	14	14	100.0%	
Pro-Pet LLC, St Marys, OH	1	1	100.0%	12	12	100.0%	
Protrition Feeds, Lavergne, TN	35	32	91.4%	294	291	99.0%	C Protein (1) Cu (1) Se (1)
Provimi North America Inc, Brookville, OH	3	3	100.0%	21	21	100.0%	
PSP Distribution LLC , Seymour, IN	12	6	50.0%	135	126	93.3%	AH Fat (3) Ca (2) P (2) Ca:P (2)
Pupford, Lehi, UT	1	0	0.0%	3	2	66.7%	AH Fat (1)
Puppy Cake LLC, Evans City, PA	3	2	66.7%	6	5	83.3%	C Protein (1)
Pure Treats Inc, Vaudreuil Dorion, QC	2	2	100.0%	6	6	100.0%	
Purina Animal Nutrition LLC, Shoreview, MN	75	63	84.0%	684	668	97.7%	C Protein (4) Fat (1) P (1) Salt (1) Cu (1) Mg (1) K (4) Zn (1) Monensin (1) Ash (1)
Qingcloud Trade Inc., Glendale, CA	1	1	100.0%	4	4	100.0%	
Quality Feeds, Farm, and Pet Inc., Versailles, KY	1	0	0.0%	6	5	83.3%	C Protein (1)
Ralco Nutrition Inc, Marshall, MN	1	1	100.0%	3	3	100.0%	
Raw Basics LLC, Pleasant Prairie, WI	3	0	0.0%	39	32	82.1%	C Protein (1) Fat (1) AH Fat (2) Ca (1) P (1) Na (1)
Real World Wildlife Products, Mattoon, IL	1	0	0.0%	9	8	88.9%	Fat (1)
Reconserve of Michigan, Inc., Battle Creek, MI	1	1	100.0%	3	3	100.0%	
Red Cedar LLC, Lawrenceburg, KY	5	3	60.0%	32	30	93.8%	C Protein (1) Fe (1)
Red Collar Pet Foods, Franklin, TN	3	3	100.0%	29	29	100.0%	
Red River Commodities, Fargo, ND	3	3	100.0%	9	9	100.0%	
Redbarn Pet Products LLC, Great Bend, KS	1	1	100.0%	3	3	100.0%	
Redmond Minerals Inc, Redmond, UT	3	2	66.7%	21	20	95.2%	P (1)
Rep Cal Research Labs, Los Gatos, CA	1	1	100.0%	3	3	100.0%	

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Repashy Ventures Inc, La Jolla, CA	7	4	57.1%	35	32	91.4%	Ash (3)
Resolve Sustainable Solutions, Fort Dodge, IA	3	1	33.3%	15	13	86.7%	Fat (1) AH Fat (1)
Ridley Block Operations, Mankato, MN	23	13	56.5%	227	206	90.7%	C Protein (6) AD Fiber (2) Ca (1) P (2) Co (2) Cu (2) Mg (1) Mn (1) Se (3) Zn (1)
Ridley Feed Ingredient, Mendota, IL	1	1	100.0%	4	4	100.0%	
Ridley USA Inc, Mankato, MN	4	4	100.0%	33	33	100.0%	
Riley's Organics, St Louis, MO	1	0	0.0%	3	2	66.7%	AH Fat (1)
Rip's Farm Center, Tollesboro, KY	31	24	77.4%	182	175	96.2%	C Protein (4) Fat (1) Monensin (2)
Riverside Feeds, Riceville, IA	1	0	0.0%	9	8	88.9%	Ca (1)
RNF Pet Products Inc., Vaughan, ON	3	3	100.0%	12	12	100.0%	
Rolf C Hagen (USA) Corp, Mansfield, MA	2	2	100.0%	17	17	100.0%	
Rosewood Pet Products Ltd., Shropshire, UK	1	1	100.0%	4	4	100.0%	
Roudybush Inc, Woodland, CA	2	2	100.0%	8	8	100.0%	
Royal Canin USA Inc, St Charles, MO	14	13	92.9%	178	176	98.9%	Ca (1) P (1)
Rural King Supply - Mattoon, Mattoon, IL	6	5	83.3%	36	35	97.2%	C Protein (1)
Rush Direct Inc, Wood Dale, IL	4	4	100.0%	12	12	100.0%	
Russell County Feed Mill Inc, Russell Springs, KY	10	6	60.0%	73	67	91.8%	C Protein (2) Ca (3) P (1)
Sams West Inc, Bentonville, AR	2	2	100.0%	28	28	100.0%	
San Francisco Bay Brand Inc, newark, CA	1	1	100.0%	5	5	100.0%	
Savory Prime, Ventura, CA	2	2	100.0%	6	6	100.0%	
SB Metals, McKenzie, AL	1	0	0.0%	11	10	90.9%	Fe (1)
Schell & Kampeter Inc, Meta, MO	1	1	100.0%	12	12	100.0%	
Schrock's Feed & Harness, Topeka, IN	1	0	0.0%	10	9	90.0%	C Protein (1)
Science Hill Milling Co, Science Hill, KY	18	15	83.3%	134	131	97.8%	P (1) Cu (1) Zn (1)
Scott Pet Products, Rockville, IN	4	3	75.0%	22	20	90.9%	C Protein (1) Cu (1)
Seeds, Inc., Memphis, TN	1	1	100.0%	13	13	100.0%	
Seiter Farms Inc, California, KY	7	6	85.7%	20	19	95.0%	C Protein (1)
Seventy Feeds LLC, Eubank, KY	6	6	100.0%	38	38	100.0%	
Shameless Pets, Chicago, IL	8	5	62.5%	24	21	87.5%	C Protein (1) Fat (2)
Shucks Fence Co, Inc., Shelbyville, KY	1	1	100.0%	10	10	100.0%	
Simmons Pet Food Inc, Pennsauken, NJ	2	2	100.0%	26	26	100.0%	
Simply Nourish Pet Food Co, Phoenix, AZ	11	10	90.9%	129	128	99.2%	AH Fat (1)
Simply Protein for Pets, Atlanta, GA	2	2	100.0%	6	6	100.0%	
Sligo Feed Mill, Pendleton, KY	7	7	100.0%	60	60	100.0%	
Smallbatch Pets, Midway, UT	2	0	0.0%	26	19	73.1%	C Protein (1) AH Fat (1) Mn (1) Zn (2) Ash (1) Ca:P (1)
Smart Cookie Bakery, Golden, CO	1	1	100.0%	3	3	100.0%	

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	Total	# Passed	% Passed	Total	# Passed	% Passed	
Smarter Paw LLC, Lenexa, KS	4	4	100.0%	12	12	100.0%	
Solid Gold Pet LLC, Greenville, SC	6	6	100.0%	66	66	100.0%	
Soulistic, Natick, MA	2	2	100.0%	26	26	100.0%	
Source Inc, N Branford, CT	1	0	0.0%	7	6	85.7%	Fat (1)
Southern Kentucky Feed & Grain, Bowling Green, KY	12	9	75.0%	68	65	95.6%	C Fiber (1) P (1) Salt (1)
Southern States, Bowling Green, KY	2	2	100.0%	11	11	100.0%	
Southern States, Danville, KY	2	2	100.0%	7	7	100.0%	
Southern States, Elizabethtown, KY	1	1	100.0%	7	7	100.0%	
Southern States, Flemingsburg, KY	10	10	100.0%	71	71	100.0%	
Southern States, Georgetown, KY	1	1	100.0%	10	10	100.0%	
Southern States, London, KY	6	1	16.7%	40	32	80.0%	C Protein (5) Ca (3)
Southern States, Owingsville, KY	1	0	0.0%	3	2	66.7%	AD Fiber (1)
Southern States, Somerset, KY	2	1	50.0%	14	13	92.9%	AD Fiber (1)
Specialty Feeds Inc, Memphis, TN	6	4	66.7%	78	76	97.4%	Ca (1) P (1)
Specialty Products Resources Inc, Waltham, MA	3	1	33.3%	11	9	81.8%	AH Fat (2)
Spectrum Brands Pet, LLC, Blacksburg, VA	10	8	80.0%	45	42	93.3%	C Protein (1) AH Fat (1) P (1)
Square Pet Nutrition LLC, Austin, TX	4	3	75.0%	52	50	96.2%	Cu (1) Zn (1)
Standlee Hay Co Inc, Eden, ID	5	1	20.0%	44	36	81.8%	C Protein (3) Fat (2) AD Fiber (1) Zn (1) Ash (1)
Stella & Chewy's LLC, Oak Creek, WI	9	8	88.9%	95	94	98.9%	Ca (1)
Strite Custom Feeds LLC, Crab Orchard, KY	10	9	90.0%	63	62	98.4%	Fat (1)
Stutzman's Feed Mill, Marion, KY	6	4	66.7%	42	40	95.2%	C Protein (1) P (1)
Sugar Creek Pet Products LLC, Meta, MO	1	1	100.0%	3	3	100.0%	
Summersville Feed Mill, Summersville, KY	1	1	100.0%	7	7	100.0%	
Sun Seed Company, Bowling Green, OH	3	3	100.0%	19	19	100.0%	
Sunbird Inc., Huron, SD	2	2	100.0%	8	8	100.0%	
Sunny Pastures Feed, Harrodsburg, KY	5	4	80.0%	21	20	95.2%	Salt (1)
Sunshine Mills Inc, Red Bay, AL	24	21	87.5%	201	197	98.0%	AH Fat (1) Ca (2) P (1)
Supreme Petfoods LTD, Ipswich Suffolk,	2	1	50.0%	12	11	91.7%	C Protein (1)
Supreme Rice, Crawfordsville, AR	1	1	100.0%	3	3	100.0%	
Sustainable Aquatics, Jefferson City, TN	1	0	0.0%	4	0	0.0%	C Protein (1) AH Fat (1) Ash (1) Moisture (1)
T & H Feed Service, Inc., Lebanon, KY	1	0	0.0%	7	5	71.4%	C Fiber (1) AD Fiber (1)
T & T Feed and Seed, Bardstown, KY	2	2	100.0%	6	6	100.0%	
Tailbangers, Millsboro, DE	1	1	100.0%	3	3	100.0%	
Tailspring, Turlock, CA	1	1	100.0%	3	3	100.0%	
Taplow Ventures Ltd, North Vancouver, BC	3	2	66.7%	43	40	93.0%	Ca (1) P (1) Ash (1)
Targeted Pet Treats LLC, Warren	2	2	100.0%	6	6	100.0%	
Taste of the Wild, Meta, MO	10	10	100.0%	130	130	100.0%	



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	Total	# Passed	% Passed	Total	# Passed	% Passed	
Tate & Lyle Ingredients Americas, Decatur, IL	2	2	100.0%	6	6	100.0%	
Tender & True Pet Nutrition, Omaha, NE	4	4	100.0%	52	52	100.0%	
Tennessee Farmers Coop - Lavergne, Lavergne, TN	1	1	100.0%	5	5	100.0%	
The Bramton Co., LLC, Dallas, TX	1	0	0.0%	13	11	84.6%	K (1) Vit A (1)
The High Hopes Pets Co. LLC., Lincolnwood, IL	4	0	0.0%	12	8	66.7%	C Protein (3) AH Fat (1)
The Honest Kitchen Inc, San Diego, CA	5	4	80.0%	44	42	95.5%	C Protein (1) P (1)
The Hyland Company Inc, Ashland, KY	17	13	76.5%	215	210	97.7%	C Protein (1) Ca (1) P (3)
The Lazy Dog Cookie Co Inc, Ballston Spa, NY	1	0	0.0%	3	2	66.7%	Fat (1)
The Phoenix Company, Willows, CA	2	2	100.0%	8	8	100.0%	
The Pound Bakery, Harvard, IL	1	1	100.0%	3	3	100.0%	
Three Dog Bakery LLC, Kansas City, MO	2	1	50.0%	6	5	83.3%	AH Fat (1)
Three Ring LLC, Secaucus, NJ	1	1	100.0%	3	3	100.0%	
Tomlyn Products, Fort Worth, TX	1	1	100.0%	9	9	100.0%	
Topco Associates, Elk Grove Village, IL	23	21	91.3%	225	223	99.1%	Fat (1) P (1)
Tractor Supply Company - Brentwood, Brentwood, TN	59	41	69.5%	541	515	95.2%	C Protein (4) Fat (1) AH Fat (5) Ca (1) P (1) Cu (1) K (7) Se (2) Na (1) Zn (1) Ash (1) Ca:P (1)
Trader Joe's, Monsey, NY	4	4	100.0%	33	33	100.0%	
Treat Planet, Maryland Heights, MO	1	0	0.0%	3	1	33.3%	AH Fat (1) Moisture (1)
Tri State Packaging Co, Van Wert, OH	2	2	100.0%	4	4	100.0%	
Tri-County Fertilizer Co., Inc., Richmond, KY	2	2	100.0%	12	12	100.0%	
Triumph Pet Food Industries, Red Bay, AL	1	1	100.0%	5	5	100.0%	
Tucker Milling LLC, Guntersville, AL	5	3	60.0%	47	44	93.6%	C Protein (1) P (1) Zn (1)
Tuffys Pet Foods Inc, Perham, MN	8	6	75.0%	106	103	97.2%	Ca (1) P (1) Ca:P (1) Ash (1)
Tyson Foods Feed Mill, Sebree, KY	1	0	0.0%	4	3	75.0%	AH Fat (1)
Tyson Pet Products, Independence, IA	4	3	75.0%	12	11	91.7%	
Izumi Innovations, New York, NY	3	3	100.0%	9	9	100.0%	
Under the Weather, South Burlington, VT	2	1	50.0%	10	9	90.0%	K (1)
United Livestock Commodities, Mayfield, KY	6	1	16.7%	52	46	88.5%	C Protein (1) Ca (2) P (2) K (1)
United Pet Group Inc, Blacksburg, VA	1	1	100.0%	2	2	100.0%	
Valley View Feeds/Brubaker Grn, Farmersville, OH	1	0	0.0%	3	2	66.7%	C Protein (1)
Versele-Laga, Miami, FL	1	1	100.0%	7	7	100.0%	
Vets Plus Inc, Menomonie, WI	2	2	100.0%	7	7	100.0%	
Vetscience LLC, Dallas, TX	3	1	33.3%	8	6	75.0%	AH Fat (2)
Virbac Ah Inc, Fort Worth, TX	5	5	100.0%	49	49	100.0%	
Vitakraft Sun Seed Co Inc, Bowling Green, OH	4	4	100.0%	19	19	100.0%	
Walgreen Co, Deerfield, IL	2	1	50.0%	6	5	83.3%	Fat (1)

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Wal-Mart Stores Inc, Bentonville, AR	12	11	91.7%	120	119	99.2%	C Protein (1)
Ware Milling, Houston, MS	3	3	100.0%	22	22	100.0%	
Wellness Pet LLC, Tewksbury, MA	17	15	88.2%	178	175	98.3%	AH Fat (1) Ca (1) P (1)
Weruva International Inc, Natick, MA	8	7	87.5%	106	105	99.1%	AH Fat (1)
West Feeds, Barbourville, KY	1	1	100.0%	6	6	100.0%	
West Paw, Bozeman, MT	1	1	100.0%	3	3	100.0%	
Wet Noses Natural Dog Treat Co, Monroe, WA	1	1	100.0%	3	3	100.0%	
Whitebridge Pet Products, Chesterfield, MO	18	16	88.9%	118	115	97.5%	C Protein (1) AH Fat (2)
Whitetail Heaven Elite Outdoor Superstore, Nicholasville, KY	2	2	100.0%	22	22	100.0%	
Whitetail Mash LLC, Versailles, KY	1	1	100.0%	6	6	100.0%	
Whole Foods Market, Austin, TX	3	3	100.0%	38	38	100.0%	
Whole Life Pet Products, Pittsfield, ME	1	0	0.0%	3	0	0.0%	C Protein (1) AH Fat (1) Moisture (1)
Wholesale Merchandisers, Grand Rapids, MI	1	1	100.0%	4	4	100.0%	
Wigglewow, Crestwood, KY	1	1	100.0%	3	3	100.0%	
Wild Meadows Farms, Salunga, PA	1	0	0.0%	3	2	66.7%	AH Fat (1)
Wildgame Innovations LLC, Baton Rouge, LA	5	4	80.0%	25	24	96.0%	Ca (1)
Willard Milling, Inc., Grayson, KY	27	26	96.3%	252	251	99.6%	AH Fat (1)
William Connolly & Sons, Kilkenny, IR	1	1	100.0%	8	8	100.0%	
Winchester Feeds Inc, Winchester, KY	5	4	80.0%	50	49	98.0%	Fat (1)
Woodford Feed Co Inc, Versailles, KY	10	8	80.0%	88	86	97.7%	P (1) Cu (1)
Woofables, Coralville, IA	2	1	50.0%	6	5	83.3%	C Protein (1)
Yellow Yak, Everett, WA	1	1	100.0%	4	4	100.0%	
Ziwipeak LTD, Carmel, CA	3	2	66.7%	41	40	97.6%	AH Fat (1)
Zoetis Inc., Portage, MI	1	1	100.0%	1	1	100.0%	
Zoo Med Laboratories Inc., San Luis Obispo, CA	4	3	75.0%	17	16	94.1%	AH Fat (1)
Zukes, Durango, CO	2	2	100.0%	5	5	100.0%	
<b>Totals</b>	<b>2,754</b>	<b>2,120</b>	<b>77%</b>	<b>21,592</b>	<b>20,703</b>	<b>96%</b>	



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