

**2019 ANNUAL REPORT**  
**COMMERCIAL FEEDS & ANIMAL REMEDIES**

January 1, 2019 through December 31, 2019

**SECRETARY OF AGRICULTURE – Hunter Roberts**

**FEED & ANIMAL REMEDY PROGRAM**

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**LABORATORY**

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**QUESTIONS**

Questions regarding the publication may be directed to the Department of Agriculture & Natural Resources at 605-773-4332. DANR also maintain an internet site, which contains a copy of this report, as well as other information including the commercial feed and animal remedy regulations, license application, feed tonnage and small package report forms, and email addresses for Department personnel. The address for the website is:

<https://danr.sd.gov/>

**DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES  
COMMERCIAL FEED TONNAGE REPORT  
2019 -- 3,733,364.1 TONS**

<b>FORMULA FEED</b>	<b>TONS COMPLETE</b>	<b>TONS SUPPLEMENT</b>	<b>FEED INGREDIENTS</b>	<b>TONS</b>
Starter-Grower	5399.8	368.1	Alfalfa Products	5555.5
Broiler	1038.1	394.9	Animal Products	10255.5
Layer-Breeder	64998.2	327.4	Bakery Products	9802.0
Turkey	1082.2	5877.4	Barley Products	348.9
Beef	80460.9	198171.4	Beet Products	1452.1
Dairy	16056.9	50326.7	Brewery Products	15214.5
Swine	77916.7	26934.0	Citrus Products	0.0
Sheep	3955.9	5078.1	Corn Products	314482.7
Mineral		23582.9	Cottonseed Products	2730.8
Vitamins		2024.0	Distillers Products	1848670.6
Vitamins Minerals		4646.6	Drugs	3627.6
Calf Feeds	23167.4		Fats Oils Products	43481.7
Pet Foods	24682.1		Grain Sorghum Products	1.0
Horse Mule	6451.2		Lespedeza Products	0.0
Scratch	542.7		Linseed Flax Products	642.6
Liquid Feeds		81145.9	Marine Products	355.9
Mink Chinchilla	0.0		Milk Products	794.6
Silage Additive		207.9	Minerals	101724.3
Miscellaneous	22649.5	1126.4	Molasses	2357.8
<b>TOTAL FORMULA FEED</b>	<b>328401.7</b>	<b>400211.8</b>	Oat Products	3311.9
			Peanut Products	36.0
			Rice Products	215.1
			Rye Products	2.5
			Soybean Products	462573.5
			Urea	4201.8
			Vitamins	2665.6
			Wheat Products	36782.0
			Yeast Products	92270.6
			Miscellaneous	41193.4
			<b>TOTAL INGREDIENTS</b>	<b>3004750.6</b>

Performed By:



Collected By:  
Division of Agricultural Services  
Foss Building 523 E. Capitol  
Pierre, SD 57501-3182  
Phone: (605) 773-3724  
Fax: (605) 773-3481

## 2019 Feed Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
ADF	%	7.00
Amprolium	%	1.00
Ash	%	1.00
Ash Total	%	1.00
Ash, Total	%	16.00
Calcium	%	118.00
Cobalt	ppm	4.00
Copper	ppm	38.00
Crude Fat, Acid Hydrolysis	%	26.00
Crude Fat, Base Hydrolysis	%	2.00
Crude Fat, Diethyl Ether	%	22.00
Crude Fat, Diethyl Ether Extracti	%	7.00
Crude Fat, Petroleum Ether		1.00
Crude Fiber	%	148.00
CTC	g/lb	1.00
Decoquate	g/ton	1.00
Decoquate	mg/lb	2.00
Dextrose	%	1.00
Equivalent Crude Protein	%	5.00
Fenbendazole	%	2.00
Glucose	%	1.00
Glycine	%	1.00
Iron	mg/kg	1.00
Iron	ppm	4.00
Lasalocid	g/ton	8.00
Lysine	%	28.00
Magnesium	%	27.00

## 2019 Feed Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
Manganese	ppm	27.00
Methionine	%	23.00
Moisture (Karl Fischer Titration)	%	1.00
Moisture (Loss on Drying)	%	94.00
Monensin	g/ton	13.00
NDF	%	1.00
Non Protein, Nitrogen	%	2.00
Omega 3 Fatty Acids	%	10.00
Omega-3 Fatty Acids	%	3.00
Omega 6 Fatty Acids	%	9.00
Omega-6 Fatty Acids	%	4.00
pH	%	1.00
Phosphorus	%	114.00
Potassium	%	46.00
Potassium Citrate	%	1.00
Potassium Phosphate	%	1.00
Protein, Crude	%	202.00
Salt (Sodium x 2.54)	%	61.00
Selenium	ppm	118.00
Sodium	%	20.00
Sodium Chloride	%	1.00
Sulfur	%	10.00
Taurine	%	4.00
Thiamine	mg/lb	3.00
Total Sugars (Invert)	%	19.00
Vitamin A	IU/kg	2.00
Vitamin A	IU/Kg	3.00
Vitamin A	IU/lb	99.00
Vitamin A	IU/Lb	2.00
Vitamin E	IU/Kg	9.00
Vitamin E	IU/lb	60.00
Zinc	ppm	50.00
<b>Total Feed Analyses:</b>		<b>1,487.00</b>

Performed By:



Collected By:  
 Division of Agricultural Services  
 Foss Building 523 E. Capitol  
 Pierre, SD 57501-3182  
 Phone: (605) 773-3724  
 Fax: (605) 773-3481

## 2019 Feed Manufacturer Sample Totals

Manufacturer:

<b>Nulo, Inc</b>	<b>Austin</b>		<b>TX</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	1.00	0.00	0.00	3	1
<b>2018 Farnam Companies, Inc.</b>	<b>Phoenix</b>		<b>AZ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	2.00	0.00	0.00	12	1
<b>ADM Animal Nutrition - Quincy</b>	<b>Quincy</b>		<b>IL</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	1
<b>AGP Ag Processing-Omaha</b>	<b>Omaha</b>		<b>NE</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	2
<b>Ainsworth Pet Nutrition, LLC</b>	<b>Meadville</b>		<b>PA</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	0.00	0.00	2.00	12	1
<b>Authority Pet Food Company</b>	<b>Phoenix</b>		<b>AZ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	1
<b>Barnes Hay &amp; Feed Co.</b>	<b>Gayville</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
<b>Biozyme Incorporated</b>	<b>St. Joseph</b>		<b>MO</b>			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	24.00	0.00	0.00	0.00	24	2
<b>Blue Buffalo Company</b>	<b>Wilton</b>		<b>CT</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	0.00	7	2
<b>Cargill Inc</b>	<b>Minneapolis</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	1
<b>Cargill Inc. - Minneapolis</b>	<b>Minneapolis</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	2.00	8	2
<b>Cargill, INC</b>	<b>Minneapolis</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
<b>Castlewood Farmers Elevator</b>	<b>Castlewood</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	16.00	1.00	0.00	0.00	17	4
<b>Chicken Soup for the Pet Lover's Soul, LLC</b>	<b>Cos Cob</b>		<b>CT</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	24.00	0.00	0.00	3.00	27	3
<b>CHS - Sioux Falls Ellis Rd</b>	<b>Sioux Falls</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	30.00	8.00	0.00	1.00	39	4
<b>CHS Nutrition</b>	<b>SF</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	223.00	10.00	0.00	3.00	236	29
<b>CHS Nutrition -Gettysburg</b>	<b>Gettysburg</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	28.00	1.00	0.00	0.00	29	4
<b>Compass Minerals America Inc.</b>	<b>Overland Park</b>		<b>KS</b>			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	0.00	7	2
<b>Consumers Supply</b>	<b>North Sioux City</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	1.00	0.00	0.00	2	1
<b>Cotton Seed Coop-Corporation</b>	<b>Jonestown</b>		<b>MS</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	1
<b>Country Acres Feed Company</b>	<b>Brentwood</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	0.00	7	1
<b>Dakota Land Feeds-Huron</b>	<b>Huron</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	9.00	1.00	0.00	0.00	10	1
<b>Diamond Pet Foods</b>	<b>Meta</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	0.00	7	2
<b>F.M. Brown's Sons, Inc.</b>	<b>Sinking Springs</b>		<b>PA</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	16.00	0.00	0.00	0.00	16	4
<b>Furst-McNess Company</b>	<b>Freeport</b>		<b>IL</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	30.00	3.00	0.00	0.00	33	3
<b>Hill's Pet Nutrition-Topeka</b>	<b>Topeka</b>		<b>KS</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	23.00	0.00	0.00	2.00	25	9
<b>Hubbard Feed Inc.-Mankato</b>	<b>Mankato</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	26.00	0.00	0.00	0.00	26	3
<b>Hubbard Feeds</b>	<b>Mankato</b>		<b>MN</b>			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	8.00	1.00	0.00	3.00	12	1
<b>Hubbard Feeds General Offices</b>	<b>Mankato</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	0.00	0.00	0.00	10	1
<b>Hubbard Feeds Inc</b>	<b>Mankato</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	9.00	0.00	0.00	0.00	9	1
<b>Intervet Inc.</b>	<b>Summit</b>		<b>NJ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	0.00	7	1
<b>Kaytee Products Inc.-Chilton</b>	<b>Chilton</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	11.00	0.00	0.00	0.00	11	3
<b>Kaytee Products, Inc</b>	<b>Chilton</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	2
<b>Mann Lake Ltd.</b>	<b>Hackensack</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	0.00	5	1
<b>Manna Pro Products, LLC</b>	<b>St. Louis</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	124.00	1.00	0.00	0.00	125	18
<b>Mars Petcare US</b>	<b>Franklin</b>		<b>TN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	3.00	10	3
<b>Masterfeeds</b>	<b>London</b>		<b>On</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	0.00	0.00	0.00	10	1
<b>Merrick Pet Care</b>	<b>Amarillo</b>		<b>TX</b>			



Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	1
<b>Mid-States Distributing Company</b>	<b>Mendota Heights</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	9.00	0.00	0.00	0.00	9	1
<b>Midwest Ag Supplement</b>	<b>Marshall</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	34.00	0.00	0.00	0.00	34	3
<b>Midwest Agri Commodities</b>	<b>San Rafael</b>		<b>CA</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
<b>Milk Products LLC-Chilton</b>	<b>Chilton</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	1
<b>Mills Fleet Farm</b>	<b>Appleton</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	0.00	5	1
<b>Mullins Whey Inc</b>	<b>Moisinee</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	1.00	0.00	0.00	2	1
<b>Natural Balance Pet Foods, Inc.</b>	<b>San Francisco</b>		<b>CA</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	1.00	4	1
<b>Nature's Variety</b>	<b>St. Louis</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	1.00	4	1
<b>Nestle Purina Pet Care</b>	<b>St. Louis</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
<b>Nestle Purina Petcare Company</b>	<b>St. Louis</b>		<b>MO</b>			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	1
<b>Nurtri-Vet Wellness, LLC</b>	<b>Boise</b>		<b>ID</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	1
<b>Nutrena-Minneapolis</b>	<b>Minneapolis</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	20.00	0.00	0.00	0.00	20	2
<b>Nylabone</b>	<b>Neptune</b>		<b>NJ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	2
<b>Omega Protein Corp</b>	<b>Houston</b>		<b>TX</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	1
<b>Oxbow Enterprises, Inc - Murdock</b>	<b>Murdock</b>		<b>NE</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	13.00	0.00	0.00	0.00	13	3
<b>Pacific Coast Distribution</b>	<b>Phoenix</b>		<b>AZ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	8.00	0.00	0.00	1.00	9	2
<b>Poet Nutrition-SFalls</b>	<b>Sioux Falls</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	0.00	0.00	1.00	11	3
<b>Pur Luv</b>	<b>Omaha</b>		<b>NE</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	1
<b>Purina Animal Nutrition</b>	<b>Arden Hills</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	17.00	0.00	0.00	0.00	17	2
<b>Purina Animal Nutrition LLC</b>	<b>Shoreview</b>		<b>MN</b>			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	93.00	3.00	0.00	1.00	97	10
<b>Purina Mills-St. Louis</b>	<b>St. Louis</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	1
<b>QLF-Dodgeville</b>	<b>Dodgeville</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	9.00	0.00	0.00	0.00	9	1
<b>Quality Liquid Feeds Inc.</b>	<b>Dodgeville</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	62.00	8.00	0.00	0.00	70	9
<b>Red River Commodities</b>	<b>Fargo</b>		<b>ND</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	1.00	0.00	0.00	2	2
<b>Resolve Sustainable Solutions</b>	<b>Ft. Dodge</b>		<b>IA</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	29.00	0.00	0.00	0.00	29	5
<b>Scott Pet</b>	<b>Rockville</b>		<b>IN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
<b>SDSP-Volga</b>	<b>Volga</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	2
<b>Solid Gold Pet, LLC</b>	<b>Chesterfield</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	5.00	0.00	0.00	1.00	6	1
<b>Standlee Hay Company</b>	<b>Eden</b>		<b>ID</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	0.00	7	2
<b>Sunbird Inc</b>	<b>Huron</b>		<b>SD</b>			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	1
<b>Sunshine Mills Inc.</b>	<b>Red Bay</b>		<b>AL</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	0.00	7	1
<b>Taste of The Wild</b>	<b>Meta</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	0.00	6	3
<b>Tractor Supply Company- Brentwood</b>	<b>Brentwood</b>		<b>TN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	83.00	5.00	0.00	0.00	88	15
<b>Travis Madsen</b>	<b>New Underwood</b>		<b>SD</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
<b>Tuffy's Pet Foods, Inc.</b>	<b>Perham</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	12.00	0.00	0.00	0.00	12	2
<b>Uncle Jimmy's Brand Products, LLC</b>	<b>New Castle</b>		<b>PA</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	1.00	0.00	0.00	3	1
<b>Valero Marketing and Supply Co.</b>	<b>San Antonio</b>		<b>TX</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	14.00	0.00	0.00	1.00	15	3
<b>Vet Science LLC</b>	<b>Dallas</b>		<b>TX</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	1.00	0.00	0.00	3	1
<b>Vitakraft Sunseed, Inc.</b>	<b>Bowling Green</b>		<b>OH</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	8.00	0.00	0.00	0.00	8	1
<b>Westminster Pet Products</b>	<b>Cumberland</b>		<b>RI</b>			



Performed By:



Collected By:  
 Division of Agricultural Services  
 Foss Building 523 E. Capitol  
 Pierre, SD 57501-3182  
 Phone: (605) 773-3724  
 Fax: (605) 773-3481

## 2019 Feed Individual Samples

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Manufacturer: Nulo, Inc</b>					
<b>Product: Nulo Medal Series Turkey Recipe</b>					
<b>Sample No: 19F009329</b>					
		Crude Fat, Acid Hydrolysis	34.0	21.79 %	<b>Deficient</b>
		Moisture (Loss on Drying)	5.0	4.49 %	<b>Pass</b>
		Protein, Crude	45.0	65.52 %	<b>Pass</b>
<b>Manufacturer: 2018 Farnam Companies, Inc.</b>					
<b>Product: Farnam OTC Jug</b>					
<b>Sample No: 19F007318</b>					
		Ash, Total	28.00	23.15 %	<b>Pass</b>
		Calcium	0.50-0.70	0.94 %	<b>Excessive</b>
		Copper	350	357.00 ppm	<b>Pass</b>
		Iron	3500	3,046.00 ppm	<b>Pass</b>
		Magnesium	0.50	0.49 %	<b>Pass</b>
		Manganese	350	449.00 ppm	<b>Pass</b>
		Moisture (Loss on Drying)	50.00	46.41 %	<b>Pass</b>
		Phosphorus	0.40	1.05 %	<b>Pass</b>
		Potassium	1.40	1.91 %	<b>Pass</b>
		Protein, Crude	3.00	1.43 %	<b>Deficient</b>
		Sodium	5.00-6.00	7.02 %	<b>Pass</b>
		Zinc	1000	1,023.00 ppm	<b>Pass</b>
<b>Manufacturer: ADM Animal Nutrition - Quincy</b>					
<b>Product: Safe-Guard Medicated Alfalfa-Base</b>					
<b>Sample No: 19F007326</b>					
		ADF	28	28.10 %	<b>Pass</b>
		Ash, Total	15	9.80 %	<b>Pass</b>

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Crude Fiber	30	22.16 %	Pass
Fenbendazole	0.5	0.48 %	Pass
NDF	42	36.00 %	Pass
Protein, Crude	15	16.71 %	Pass

**Manufacturer:** AGP Ag Processing-Omaha  
**Product:** High Protein Soybean Meal

**Sample No:** 19F002149

Ash, Total	8.0	6.63 %	Pass
Crude Fiber	4.0	3.89 %	Pass
Protein, Crude	46.0	45.84 %	Pass

**Product:** Soybean Meal

**Sample No:** 19F009295

Ash, Total	8.0	6.52 %	Pass
Crude Fiber	4.0	4.46 %	Pass
Protein, Crude	46.0	45.55 %	Pass

**Manufacturer:** Ainsworth Pet Nutrition, LLC  
**Product:** Nutrish Peak Open Range Recipe

**Sample No:** 19F009318

Calcium	1.2-1.5	1.49 %	Pass
Crude Fat, Acid Hydrolysis	15.0	15.54 %	
Crude Fiber	5.0	3.64 %	Pass
Iron	200	367.00 mg/kg	
Moisture (Loss on Drying)	10.0	7.73 %	Pass
Omega-3 Fatty Acids	0.5	1.07 %	Pass
Omega-6 Fatty Acids	2.2	1.92 %	Pass
Phosphorus	1.0	1.07 %	Pass
Protein, Crude	30.0	32.38 %	Pass
Vitamin E	225	315.66 IU/Kg	Pass
Zinc	250	249.28 ppm	Pass
Vitamin A	10000	7,082.39 IU/Kg	Pass

**Manufacturer:** Authority Pet Food Company  
**Product:**

**Sample No:** 19F009319

Moisture (Loss on Drying)	80.0	75.31 %	Pass
Omega 3 Fatty Acids	0.05	0.06 %	Pass
Omega 6 Fatty Acids	0.5	0.97 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Manufacturer: Barnes Hay &amp; Feed Co.</b>		Protein, Crude	8.0	9.15 %	Pass
<b>Product: Bulk Alfalfa Pellets</b>					
<b>Sample No: 19F003326</b>					
		Crude Fiber	30.0	29.72 %	Pass
		Protein, Crude	15	15.30 %	Pass
<b>Manufacturer: Biozyme Incorporated</b>					
<b>Product: Concept-Aid 5/S Vitaform (Vitamin</b>					
<b>Sample No: 19F002569</b>					
		Calcium	10.0 - 12.0	11.34 %	Pass
		Cobalt	40	47.74 ppm	Pass
		Copper	2500	1,971.00 ppm	Pass
		Magnesium	3.0	2.96 %	Pass
		Manganese	3750	3,449.00 ppm	Pass
		Phosphorus	5.0	4.96 %	Pass
		Potassium	2.0	2.22 %	Pass
		Salt (Sodium x 2.54)	15.0 - 18.0	17.89 %	Pass
		Selenium	26.4	24.58 ppm	Pass
		Vitamin E	800	693.83 IU/lb	Pass
		Zinc	5000	4,526.00 ppm	Pass
		Vitamin A	400000	335,318.71 IU/lb	Pass
<b>Product: Vitaferm HEAT Mineral</b>					
<b>Sample No: 19F002570</b>					
		Calcium	10.0 - 12.0	12.71 %	Pass
		Cobalt	30	44.11 ppm	Pass
		Copper	1500	1,490.00 ppm	Pass
		Magnesium	3.0	3.63 %	Pass
		Manganese	2250	2,629.00 ppm	Pass
		Phosphorus	5.0	5.25 %	Pass
		Potassium	2.0	2.97 %	Pass
		Salt (Sodium x 2.54)	15.0 - 18.0	19.13 %	Pass
		Selenium	26.4	27.22 ppm	Pass
		Vitamin E	200	225.87 IU/lb	Pass
		Zinc	3000	3,658.00 ppm	Pass
		Vitamin A	300000	438,645.81 IU/lb	Pass
<b>Manufacturer: Blue Buffalo Company</b>					



<b>Product:</b>		<b>Analyte</b>	<b>Claim</b>	<b>Found Unit</b>	<b>Disposition</b>
<b>Sample No:</b>	19F009312				
		Crude Fiber	6.5	2.91 %	Pass
		Moisture (Loss on Drying)	11.0	5.75 %	Pass
		Protein, Crude	12	13.49 %	Pass
<b>Product:</b>					
	Blue Wilderness Wild bits Training T				
<b>Sample No:</b>	19F007345				
		Crude Fat, Acid Hydrolysis	6	8.22 %	Pass
		Moisture (Karl Fischer Titration)	28.00	30.76 %	Pass
		Omega 3 Fatty Acids	0.3	0.31 %	Pass
		Protein, Crude	20.0	23.62 %	Pass
<b>Manufacturer:</b>					
	Cargill Inc				
<b>Product:</b>					
	Champions Choice Trace Mineral S				
<b>Sample No:</b>	19F004096				
		Cobalt	50	73.50 ppm	Pass
		Copper	300	623.00 ppm	Pass
		Iron	2000	6,004.00 ppm	Pass
		Manganese	2000	3,820.00 ppm	Pass
		Salt (Sodium x 2.54)	94.0-99.0	95.73 %	Pass
		Zinc	3500	3,737.00 ppm	Pass
<b>Manufacturer:</b>					
	Cargill Inc. - Minneapolis				
<b>Product:</b>					
	20% AN Supplement				
<b>Sample No:</b>	19F009573				
		Lasalocid	0	0.00 g/ton	Pass
		Monensin	0	0.00 g/ton	Pass
		Non Protein, Nitrogen	0	0.30 %	
		Protein, Crude	20.00	19.86 %	Pass
<b>Sample No:</b>	19F009574				
		Lasalocid	0	0.00 g/ton	Pass
		Monensin	0	0.00 g/ton	Pass
		Non Protein, Nitrogen	0	0.30 %	
		Protein, Crude	20.00	19.63 %	Pass
<b>Manufacturer:</b>					
	Cargill, INC				
<b>Product:</b>					
<b>Sample No:</b>	19F009296				
		Crude Fiber	3.9	4.04 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Manufacturer: Castlewood Farmers Elevator</b>		Protein, Crude	43.5	43.38 %	<b>Pass</b>
<b>Product: Castlewood Mixer R114 DBZ13.1 M</b>					
<b>Sample No:</b>	19F002152				
		ADF	11.00	7.90 %	<b>Pass</b>
		Calcium	1.75-2.25	1.66 %	<b>Pass</b>
		Copper	38.00	32.40 ppm	<b>Pass</b>
		Crude Fiber	8.00	5.01 %	<b>Pass</b>
		Magnesium	0.50	0.47 %	<b>Pass</b>
		Monensin	114.00	96.69 g/ton	<b>Pass</b>
		Phosphorus	0.90	0.88 %	<b>Pass</b>
		Potassium	1.50	2.02 %	<b>Pass</b>
		Protein, Crude	38.00	38.36 %	<b>Pass</b>
		Salt (Sodium x 2.54)	0.75 - 1.25	1.47 %	<b>Pass</b>
		Selenium	0.80	1.69 ppm	<b>Pass</b>
		Vitamin E	40	33.27 IU/lb	<b>Pass</b>
		Zinc	168.00	275.00 ppm	<b>Pass</b>
		Vitamin A	10000	8,922.60 IU/lb	<b>Pass</b>
<b>Product: Custom Blend Feed</b>					
<b>Sample No:</b>	19F002154				
		Monensin	40	35.26 g/ton	<b>Pass</b>
<b>Product: Customer Blend Feed</b>					
<b>Sample No:</b>	19F002153				
		Monensin	40	24.34 g/ton	<b>Deficient</b>
<b>Product: Customer Blend Feed - Medicated</b>					
<b>Sample No:</b>	19F002157				
		Monensin	22.7	28.10 g/ton	<b>Pass</b>
<b>Manufacturer: Chicken Soup for the Pet Lover</b>					
<b>Product: Chicken Soup for the Soul Classic #</b>					
<b>Sample No:</b>	19F007349				
		Crude Fat, Acid Hydrolysis	13.0	14.87 %	<b>Pass</b>
		Crude Fiber	4.5	2.07 %	<b>Pass</b>
		Moisture (Loss on Drying)	10.0	7.50 %	<b>Pass</b>
		Omega 3 Fatty Acids	0.3	0.51 %	<b>Pass</b>
		Omega 6 Fatty Acids	2.0	2.37 %	<b>Pass</b>
		Protein, Crude	25.0	26.68 %	<b>Pass</b>

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Selenium	0.35	0.56	ppm	Pass
Vitamin E	125	690.57	IU/Kg	
Zinc	100	153.00	ppm	Pass

**Product:** Chicken Soup for the Soul Classic F

**Sample No:** 19F007359

Crude Fat, Acid Hydrolysis	18.0	18.87	%	Pass
Crude Fiber	5.0	2.34	%	Pass
Moisture (Loss on Drying)	10.0	7.47	%	Pass
Omega 3 Fatty Acids	0.6	1.55	%	Pass
Omega 6 Fatty Acids	3.0	3.12	%	Pass
Protein, Crude	30.0	31.53	%	Pass
Selenium	0.35	0.76	ppm	Pass
Vitamin E	100	162.85	IU/Kg	
Zinc	120	159.00	ppm	Pass

**Product:** Chicken Soup for the Soul Small Bit

**Sample No:** 19F007358

Crude Fat, Acid Hydrolysis	13.0	14.21	%	Pass
Crude Fiber	4.5	2.81	%	Pass
Moisture (Loss on Drying)	10.0	7.28	%	Pass
Omega 3 Fatty Acids	0.3	0.46	%	Pass
Omega 6 Fatty Acids	2.0	2.24	%	Pass
Protein, Crude	25.0	27.43	%	Pass
Selenium	0.35	0.57	ppm	Pass
Vitamin E	125	168.65	IU/Kg	
Zinc	100	165.00	ppm	Pass

**Manufacturer:** CHS - Sioux Falls Ellis Rd

**Product:** Bull Challenger Thiamine R40 Medi

**Sample No:** 19F008711

Calcium	0.75-1.25	0.96	%	Pass
Crude Fiber	15	15.72	%	Pass
Monensin	40	37.22	g/ton	Pass
Phosphorus	0.5	0.79	%	Pass
Potassium	0.9	1.45	%	Pass
Protein, Crude	14.0	14.05	%	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.95	%	Pass
Selenium	0.25	0.66	ppm	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
<b>Product:</b> Distiller's Pro Balancer					
<b>Sample No:</b> 19F008687					
	Thiamine	12.5	12.89	mg/lb	Pass
	Vitamin E	4	9.14	IU/lb	Pass
	Vitamin A	4000	1,392.11	IU/lb	Deficient
	Calcium	26-28	26.24	%	Pass
	Copper	900	805.00	ppm	Pass
	Manganese	1200	1,147.00	ppm	Pass
	Salt (Sodium x 2.54)	13-15	12.21	%	Pass
	Selenium	8.0	7.46	ppm	Pass
	Thiamine	250	259.73	mg/lb	Pass
	Vitamin E	250	283.06	IU/lb	
	Zinc	3200	3,118.00	ppm	Pass
	Vitamin A	100000	45,628.34	IU/lb	Deficient
<b>Product:</b> High mag mineral					
<b>Sample No:</b> 19F003453					
	Calcium	12.0-13.5	12.36	%	Pass
	Copper	2200	919.00	ppm	Deficient
	Magnesium	10.0	8.04	%	Pass
	Manganese	3400	1,617.50	ppm	Deficient
	Phosphorus	6.0	6.68	%	Pass
	Salt (Sodium x 2.54)	12.0-13.5	14.60	%	Pass
	Selenium	26.4	15.17	ppm	Deficient
	Vitamin E	250	366.72	IU/lb	Pass
	Zinc	7500	3,712.50	ppm	Deficient
	Vitamin A	250000	119,760.34	IU/lb	Deficient
<b>Product:</b> Lamb creep B90					
<b>Sample No:</b> 19F003454					
	Calcium	1.0-1.5	1.14	%	Pass
	Crude Fiber	14.0	16.60	%	Excessive
	Lasalocid	90	85.73	g/ton	Pass
	Phosphorus	0.5	0.65	%	Pass
	Protein, Crude	15.0	16.10	%	Pass
	Salt (Sodium x 2.54)	0.5-1.0	0.60	%	Pass
	Selenium	0.2	0.71	ppm	Pass
	Vitamin E	20	23.52	IU/lb	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Manufacturer: CHS Nutrition</b>		Vitamin A	8000	6,233.82 IU/lb	Pass
<b>Product: 15-10 Cattle Mineral</b>					
<b>Sample No:</b>	19F008819				
		Calcium	15.0-17.0	15.00 %	Pass
		Copper	900	978.00 ppm	Pass
		Magnesium	3.0	2.94 %	Pass
		Manganese	1500	1,840.00 ppm	Pass
		Phosphorus	10.0	9.26 %	Pass
		Salt (Sodium x 2.54)	3.15-4.15	3.83 %	Pass
		Zinc	3000	3,490.00 ppm	Pass
<b>Product: Aureo 10G</b>					
<b>Sample No:</b>	19F008824				
		Crude Fiber	16.0	9.02 %	Pass
		Protein, Crude	12.0	17.26 %	Pass
		CTC	10	8.15 g/lb	Pass
<b>Product: Beef Grower 38</b>					
<b>Sample No:</b>	19F008828				
		Calcium	5.0-6.0	5.54 %	Pass
		Crude Fiber	15.0	6.82 %	Pass
		Phosphorus	0.3	0.73 %	Pass
		Potassium	0.75	1.38 %	Pass
		Protein, Crude	38.0	37.15 %	Pass
		Salt (Sodium x 2.54)	3.5-4.5	4.49 %	Pass
		Selenium	5.4-6.4	4.89 ppm	Pass
		Vitamin E	100	92.09 IU/lb	Pass
		Vitamin A	40000	28,058.52 IU/lb	Pass
<b>Product: Beef Mix H 1.0 Medicated</b>					
<b>Sample No:</b>	19F008787				
		Calcium	3.0-4.0	3.44 %	Pass
		Crude Fiber	12.0	11.25 %	Pass
		Phosphorus	0.35	0.76 %	Pass
		Protein, Crude	10	16.71 %	Pass
		Salt (Sodium x 2.54)	1.0-1.5	1.50 %	Pass
<b>Product: Beef Mix H-1.0 Medicated</b>					
<b>Sample No:</b>	19F008708				

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Calcium	3.0-4.0	3.47 %	Pass
Crude Fiber	12.0	12.89 %	Pass
Phosphorus	0.35	0.75 %	Pass
Protein, Crude	10.0	12.25 %	Pass
Salt (Sodium x 2.54)	1.0-1.5	1.50 %	Pass

**Product:** Calf Creep

**Sample No:** 19F008707

Calcium	0.5-1.0	0.45 %	Pass
Crude Fiber	18.0	15.43 %	Pass
Phosphorus	0.5	0.86 %	Pass
Potassium	0.9	1.52 %	Pass
Protein, Crude	15.0	15.18 %	Pass
Salt (Sodium x 2.54)	0.75-1.25	1.21 %	Pass
Selenium	0.2	0.60 ppm	Pass
Vitamin E	6	11.49 IU/lb	Pass
Vitamin A	6000	4,809.43 IU/lb	Pass

**Sample No:** 19F008822

Calcium	0.5-1.0	0.68 %	Pass
Crude Fiber	18.0	17.75 %	Pass
Phosphorus	0.5	0.86 %	Pass
Potassium	0.9	1.27 %	Pass
Protein, Crude	15.0	16.83 %	Pass
Salt (Sodium x 2.54)	0.75-1.25	0.87 %	Pass
Selenium	0.2	1.20 ppm	Pass
Vitamin E	5	56.07 IU/lb	
Vitamin A	6000	4,463.71 IU/lb	Pass

**Product:** Calf Creep R68 Medicated

**Sample No:** 19F008709

Calcium	0.5-1.0	0.48 %	Pass
Crude Fiber	18.0	15.59 %	Pass
Monensin	68	55.19 g/ton	Pass
Phosphorus	0.5	0.92 %	Pass
Potassium	0.9	1.53 %	Pass
Protein, Crude	15.0	15.39 %	Pass
Salt (Sodium x 2.54)	0.75-1.25	1.05 %	Pass
Selenium	0.2	0.63 ppm	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Calf Milk Replacer- Medicated				
<b>Sample No:</b> 19F008823				
	Vitamin E	6	15.44 IU/lb	Pass
	Vitamin A	6000	4,337.00 IU/lb	Pass
<b>Product:</b> Dairy Elite Calf Mixer B120				
<b>Sample No:</b> 19F008826				
	Calcium	0.75-1.25	1.11 %	Pass
	Crude Fat, Base Hydrolysis	20.00	19.92 %	Pass
	Lasalocid	72.6	77.41 g/ton	Pass
	Phosphorus	0.70	0.67 %	Pass
	Protein, Crude	20.00	20.20 %	Pass
	Vitamin E	150	314.62 IU/lb	Pass
	Vitamin A	35000	25,118.00 IU/lb	Pass
<b>Product:</b> Distiller's Pro Balancer R1200 Medi				
<b>Sample No:</b> 19F008688				
	ADF	11.0	9.90 %	Pass
	Calcium	1.75-2.25	1.68 %	Pass
	Crude Fiber	8.0	7.92 %	Pass
	Lasalocid	120	108.95 g/ton	Pass
	Phosphorus	0.9	0.94 %	Pass
	Protein, Crude	37.0	37.79 %	Pass
	Salt (Sodium x 2.54)	0.75-1.25	0.90 %	Pass
	Selenium	0.8	1.55 ppm	Pass
	Vitamin E	100	85.36 IU/lb	Pass
	Vitamin A	15000	11,545.58 IU/lb	Pass
<b>Product:</b> Flax				
	Calcium	25-30	25.77 %	Pass
	Copper	900	948.00 ppm	Pass
	Manganese	1200	1,131.00 ppm	Pass
	Monensin	1200	1,073.69 g/ton	Pass
	Potassium	0.2	1.61 %	Pass
	Salt (Sodium x 2.54)	13.25-15.75	15.26 %	Pass
	Selenium	8.0	8.07 ppm	Pass
	Vitamin E	250	243.57 IU/lb	Pass
	Zinc	3200	3,243.00 ppm	Pass
	Vitamin A	100000	62,593.50 IU/lb	Deficient

<u>Sample No:</u>	<u>19F008789</u>	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
		Crude Fat, Diethyl Ether Extract	35.0	36.37 %	Pass
		Crude Fiber	4.0	3.08 %	Pass
		Protein, Crude	23.0	22.57 %	Pass
<b>Product:</b>	GPS Cow Essentials Organic				
<b>Sample No:</b>	19F008821				
		Calcium	9.0-9.5	10.54 %	Pass
		Selenium	279	258.03 ppm	Pass
		Vitamin E	10000	10,011.35 IU/lb	Pass
		Vitamin A	1833333	1,364,800.77 IU/lb	Pass
<b>Product:</b>	GPS Dry Essentials I				
<b>Sample No:</b>	19F008820				
		Calcium	16.0-16.5	14.46 %	Pass
		Selenium	150	161.03 ppm	Pass
		Vitamin E	16667	13,395.02 IU/lb	Pass
		Vitamin A	1500000	657,445.18 IU/lb	Deficient
<b>Product:</b>	Head Start				
<b>Sample No:</b>	19F008710				
		Calcium	0.5-1.0	0.83 %	Pass
		Crude Fiber	22.0	20.77 %	Pass
		Phosphorus	0.4	0.59 %	Pass
		Potassium	1.0	1.51 %	Pass
		Protein, Crude	13.0	13.59 %	Pass
		Salt (Sodium x 2.54)	0.25-0.75	0.93 %	Pass
		Selenium	0.25	0.56 ppm	Pass
		Vitamin E	40	160.66 IU/lb	Pass
		Vitamin A	6500	5,000.00 IU/lb	Pass
<b>Product:</b>	Heifers Edge Supplement DQ- Med				
<b>Sample No:</b>	19F008825				
		ADF	8.00	6.50 %	Pass
		Calcium	1.80-2.30	2.36 %	Pass
		Crude Fiber	6.00	4.89 %	Pass
		Decoquinat	65	51.34 mg/lb	Deficient
		Decoquinat	65	55.67 mg/lb	Pass
		Phosphorus	1.15	1.39 %	Pass
		Protein, Crude	38.00	39.12 %	Pass



	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Salt (Sodium x 2.54)	2.30-2.80	2.99 %	Pass
	Selenium	2.00	2.40 ppm	Pass
	Vitamin E	145	294.74 IU/lb	
	Vitamin A	36250	14,815.91 IU/lb	Deficient
<b>Product:</b> Lamb Creep B90 Medicated				
<b>Sample No:</b> 19F008788				
	Calcium	1.0-1.5	1.26 %	Pass
	Crude Fiber	14.0	14.99 %	Pass
	Lasalocid	90	89.14 g/ton	Pass
	Phosphorus	0.5	0.66 %	Pass
	Protein, Crude	15.0	15.18 %	Pass
	Salt (Sodium x 2.54)	0.5-1.0	0.91 %	Pass
	Selenium	0.2	1.17 ppm	Pass
	Vitamin E	20	51.27 IU/lb	Pass
	Vitamin A	8000	7,532.18 IU/lb	Pass
<b>Product:</b> Market Lamb Supplement 38-10 B1				
<b>Sample No:</b> 19F008827				
	Calcium	4.25-4.75	4.27 %	Pass
	Crude Fiber	9.0	7.73 %	Pass
	Lasalocid	136	130.66 g/ton	Pass
	Phosphorus	0.6	0.63 %	Pass
	Protein, Crude	38.0	38.11 %	Pass
	Salt (Sodium x 2.54)	3.75-4.25	3.66 %	Pass
	Selenium	1.5	1.95 ppm	Pass
	Vitamin E	75	55.39 IU/lb	Pass
	Vitamin A	12000	5,198.89 IU/lb	Deficient
<b>Product:</b> Payback Egg Layer Ration				
<b>Sample No:</b> 19F008786				
	Calcium	3.5-4.5	4.21 %	Pass
	Crude Fiber	5.0	3.68 %	Pass
	Lysine	0.85	0.87 %	Pass
	Methionine	0.4	0.39 %	Pass
	Phosphorus	0.6	0.68 %	Pass
	Protein, Crude	17.0	16.81 %	Pass
	Salt (Sodium x 2.54)	0.25-0.75	0.64 %	Pass
<b>Product:</b> Payback Optimizer 30-12-R125				

<b>Sample No:</b>		<b>Analyte</b>	<b>Claim</b>	<b>Found Unit</b>	<b>Disposition</b>
19F008706		Calcium	2.0-2.5	1.76 %	Pass
		Crude Fiber	12.0	12.24 %	Pass
		Monensin	125	116.46 g/ton	Pass
		Phosphorus	0.25	0.59 %	Pass
		Potassium	1.6	1.68 %	Pass
		Protein, Crude	30.0	29.49 %	Pass
		Salt (Sodium x 2.54)	19.0-21.0	18.90 %	Pass
		Selenium	0.65	1.28 ppm	Pass
		Vitamin E	20	26.73 IU/lb	Pass
		Vitamin A	9000	4,677.95 IU/lb	Deficient
<b>Product:</b> Sheep Range Mineral					
<b>Sample No:</b>	19F008817				
		Calcium	12.0-14.0	11.18 %	Pass
		Magnesium	3.0	2.54 %	Pass
		Manganese	4200	2,984.00 ppm	Pass
		Phosphorus	12.0	11.60 %	Pass
		Salt (Sodium x 2.54)	11.0-13.0	10.76 %	Pass
		Selenium	35	35.24 ppm	Pass
		Vitamin E	500	396.19 IU/lb	Pass
		Zinc	5000	5,714.00 ppm	Pass
		Vitamin A	250000	259,349.37 IU/lb	Pass
<b>Product:</b> Silver Springs Smartlic Pasture 21 E					
<b>Sample No:</b>	19F008794				
		Calcium	2.5-3.5	2.66 %	Pass
		Copper	865	932.00 ppm	Pass
		Crude Fiber	5.0	4.86 %	Pass
		Phosphorus	2.7	3.01 %	Pass
		Potassium	1.0	1.23 %	Pass
		Protein, Crude	55.0	55.17 %	Pass
		Selenium	19	21.29 ppm	Pass
		Vitamin E	230	295.82 IU/lb	Pass
		Zinc	3490	3,512.00 ppm	Pass
		Vitamin A	240600	213,360.00 IU/lb	Pass
<b>Product:</b> Silver Springs Smartlic Purina All St					
<b>Sample No:</b>	19F008795				

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Calcium	4.5-5.5	4.16	%	Pass
Copper	10	29.00	ppm	Pass
Phosphorus	4.4	4.09	%	Pass
Potassium	3.75	3.50	%	Pass
Protein, Crude	37.0	36.54	%	Pass
Selenium	14.1	15.84	ppm	Pass
Zinc	2650	495.00	ppm	Deficient
Zinc	2650	505.00	ppm	
Vitamin A	233800	189,780.00	IU/lb	Pass

**Product:** Silver Springs Smartlic Purina Rang

**Sample No:** 19F008792

Calcium	4.5-5.5	3.99	%	Pass
Copper	825	752.00	ppm	Pass
Magnesium	2.0	1.81	%	Pass
Phosphorus	4.4	3.49	%	Deficient
Potassium	4.0	3.58	%	Pass
Protein, Crude	55.0	54.81	%	Pass
Selenium	16	15.95	ppm	Pass
Vitamin E	145	179.40	IU/lb	Pass
Zinc	2925	2,657.00	ppm	Pass
Vitamin A	233800	165,000.00	IU/lb	Pass

**Product:** Silver Springs Smartlic Purina Rang

**Sample No:** 19F008791

Calcium	4.5-5.5	5.05	%	Pass
Copper	840	834.00	ppm	Pass
Magnesium	2.0	1.86	%	Pass
Phosphorus	4.3	4.29	%	Pass
Potassium	3.75	3.73	%	Pass
Protein, Crude	81.0	81.04	%	Pass
Selenium	14.5	14.58	ppm	Pass
Vitamin E	145	202.27	IU/lb	Pass
Zinc	2920	2,767.00	ppm	Pass
Vitamin A	231500	115,000.00	IU/Lb	Deficient

**Product:** Smartlic Pasture 21 Base

**Sample No:** 19F008793

Calcium	4.5-5.5	5.79	%	Pass
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<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Copper	1000	1,114.00 ppm	Pass
Crude Fiber	5	4.68 %	Pass
Magnesium	2.5	2.17 %	Pass
Phosphorus	3.3	3.59 %	Pass
Protein, Crude	51.0	48.50 %	Deficient
Selenium	21.7	25.74 ppm	Pass
Vitamin E	260	383.33 IU/lb	Pass
Zinc	4000	3,634.00 ppm	Pass
Vitamin A	272400	190,760.00 IU/lb	Pass

**Product:** Triple 12 Cattle Mineral

**Sample No:** 19F008816

Calcium	12.0-14.0	12.94 %	Pass
Copper	2200	2,443.00 ppm	Pass
Magnesium	2.75	3.01 %	Pass
Manganese	3400	3,801.00 ppm	Pass
Phosphorus	12.0	12.10 %	Pass
Salt (Sodium x 2.54)	12.0-14.0	14.80 %	Pass
Vitamin E	250	282.77 IU/lb	Pass
Zinc	7500	8,324.00 ppm	Pass
Vitamin A	250000	176,878.20 IU/lb	Pass

**Product:** Ultramin 12-6 NO Se

**Sample No:** 19F008796

Calcium	12.0-14.0	11.12 %	Pass
Copper	2500	2,135.00 ppm	Pass
Magnesium	3.0	2.45 %	Pass
Manganese	3500	3,051.00 ppm	Pass
Phosphorus	6.0	5.66 %	Pass
Salt (Sodium x 2.54)	3.0-4.0	4.02 %	Pass
Vitamin E	500	569.22 IU/lb	Pass
Zinc	7500	7,313.00 ppm	Pass
Vitamin A	300000	220,159.50 IU/lb	Pass

**Product:** Ultramin 12-6 Plus

**Sample No:** 19F008818

Calcium	12.0-14.0	11.40 %	Pass
Copper	2500	2,588.00 ppm	Pass
Magnesium	3.0	2.68 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manganese	3500	3,611.00 ppm	Pass
Phosphorus	6.0	5.66 %	Pass
Salt (Sodium x 2.54)	3.0-4.0	3.77 %	Pass
Selenium	36.0	37.39 ppm	Pass
Vitamin E	500	407.82 IU/lb	Pass
Zinc	7500	7,660.00 ppm	Pass
Vitamin A	300000	220,342.01 IU/lb	Pass

**Manufacturer:** CHS Nutrition -Gettysburg

**Product:** Head Start

**Sample No:** 19F003455

Calcium	0.5-1.0	0.75 %	Pass
Crude Fiber	22.0	19.71 %	Pass
Phosphorus	0.4	0.59 %	Pass
Potassium	1.0	1.24 %	Pass
Protein, Crude	13.0	13.83 %	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.44 %	Pass
Selenium	0.25	0.72 ppm	Pass
Vitamin E	40	75.79 IU/lb	Pass
Vitamin A	6500	8,537.80 IU/lb	Pass

**Product:** Payback Hatch to Hen A/B

**Sample No:** 19F003457

Amprolium	0.0125	0.01 %	Pass
Calcium	0.75-1.25	1.10 %	Pass
Crude Fiber	5.0	5.22 %	Pass
Lysine	1.15	1.10 %	Pass
Methionine	0.4	0.46 %	Pass
Phosphorus	0.6	0.66 %	Pass
Protein, Crude	18	18.82 %	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.30 %	Pass

**Product:** Soybean meal solvent dehulled

**Sample No:** 19F003458

Ash, Total	8.0	5.98 %	Pass
Crude Fiber	3.5	5.36 %	Excessive
Protein, Crude	46.0	45.39 %	Pass

**Product:** Sutton Horse Feed

**Sample No:** 19F003456

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Calcium	0.75-1.25	1.01	%	Pass
Crude Fiber	21.0	20.12	%	Pass
Phosphorus	0.4	0.57	%	Pass
Potassium	1.0	1.19	%	Pass
Protein, Crude	13.0	13.30	%	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.46	%	Pass
Selenium	.25	0.53	ppm	Pass
Vitamin E	45	80.00	IU/lb	Pass
Vitamin A	8000	12,253.16	IU/lb	Pass

**Manufacturer:** Compass Minerals America Inc  
**Product:** American Stockman Trace Mineraliz

**Sample No:** 19F007319

Cobalt	60	62.90	ppm	Pass
Copper	280-420	315.00	ppm	Pass
Iron	2000	1,704.00	ppm	Pass
Manganese	1800	1,310.00	ppm	Pass
Salt (Sodium x 2.54)	95.5-98.5	97.10	%	Pass
Zinc	3500	2,872.00	ppm	Pass

**Product:** American Stockman White Salt

**Sample No:** 19F007331

Salt (Sodium x 2.54)	98.0-99.9	99.34	%	Pass
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**Manufacturer:** Consumers Supply  
**Product:** Dehydrated Alfalfa Meal

**Sample No:** 19F007085

Crude Fiber	38.0	22.93	%	Pass
Protein, Crude	17	14.36	%	Deficient

**Manufacturer:** Cotton Seed Coop-Corporation  
**Product:** Cotton Seed Hulls

**Sample No:** 19F007084

Crude Fiber	45.0	38.53	%	Pass
Moisture (Loss on Drying)	12.0	11.25	%	Pass
Protein, Crude	3.0	7.50	%	Pass

**Manufacturer:** Country Acres Feed Company  
**Product:** Home Grown Multi-Purpose Poultry

**Sample No:** 19F002155

Calcium	2.50 - 3.50	2.63	%	Pass
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<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Crude Fiber	5.50	5.53	%	Pass
Lysine	2	2.04	%	Pass
Methionine	0.85	0.81	%	Pass
Phosphorus	1.35	1.29	%	Pass
Protein, Crude	36	35.96	%	Pass
Salt (Sodium x 2.54)	0.90 - 1.40	1.14	%	Pass

**Manufacturer:** Dakota Land Feeds-Huron  
**Product:** A&B Feed Lot45 [9.5] DD R500 Me

**Sample No:** 19F001196

Calcium	6.55-10.26	9.38	%	Pass
Equivalent Crude Protein	44	40.70	%	Pass
Moisture (Loss on Drying)	36.00	36.76	%	Pass
Monensin	500.00	424.62	g/ton	Pass
pH	4.3-7.1	5.77	%	Pass
Phosphorus	.25	0.23	%	Pass
Potassium	1.00	0.87	%	Pass
Protein, Crude	45.00	44.81	%	Pass
Salt (Sodium x 2.54)	3.01-4.01	4.27	%	Pass
Vitamin A	21000	1,425.71	IU/lb	Deficient

**Manufacturer:** Diamond Pet Foods  
**Product:** Diamond Naturals Adult Dog Biscuit

**Sample No:** 19F008804

Crude Fiber	6.0	3.92	%	Pass
Moisture (Loss on Drying)	12.0	7.10	%	Pass
Protein, Crude	15.0	18.25	%	Pass

**Product:** Diamond Naturals Adult Dog Biscuit

**Sample No:** 19F008803

Crude Fat, Acid Hydrolysis	6.0	9.83	%	Pass
Crude Fiber	6.0	3.91	%	Pass
Moisture (Loss on Drying)	12.0	5.92	%	Pass
Protein, Crude	15	19.31	%	Pass

**Manufacturer:** F.M. Brown's Sons, Inc.  
**Product:**

**Sample No:** 19F009499

Calcium	0.10	0.15	%	Pass
Crude Fat, Diethyl Ether Extract	7.0	10.79	%	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
		Crude Fiber	10.0	10.27 %	Pass
		Moisture (Loss on Drying)	12.0	9.32 %	Pass
		Phosphorus	0.30	0.39 %	Pass
		Protein, Crude	13.0	13.17 %	Pass
<b>Sample No:</b>	19F009500				
		Calcium	0.10-0.60	0.15 %	Pass
		Crude Fiber	8.0	8.58 %	Pass
		Moisture (Loss on Drying)	12.0	10.00 %	Pass
		Phosphorus	0.30	0.35 %	Pass
		Protein, Crude	12.0	11.81 %	Pass
<b>Sample No:</b>	19F009506				
		Crude Fiber	5.0	5.48 %	Pass
		Moisture (Loss on Drying)	20	13.94 %	Pass
<b>Sample No:</b>	19F009507				
		Crude Fiber	10.0	10.33 %	Pass
		Moisture (Loss on Drying)	12.0	10.64 %	Pass
		Protein, Crude	8.0	10.33 %	Pass

**Manufacturer:** Furst-McNess Company  
**Product:** Custom Beef Range Mineral - 6 NS

**Sample No:** 19F001228

Calcium	21.6	22.37 %	Pass
Copper	3000	1,991.50 ppm	Deficient
Magnesium	0.3	0.40 %	Pass
Manganese	5735	4,113.00 ppm	Pass
Phosphorus	6.0	5.62 %	Pass
Potassium	0.5	0.61 %	Pass
Sulfur	0.6	0.41 %	Pass
Vitamin E	350	225.58 IU/lb	Deficient
Zinc	8081	5,066.50 ppm	Deficient
Vitamin A	350000	254,332.57 IU/lb	Pass

**Product:** Custom Bova Min 6 NoSE

**Sample No:** 19F001229

Calcium	13.7-16.8	13.84 %	Pass
Copper	5000	4,554.00 ppm	Pass
Magnesium	2.5	2.42 %	Pass
Manganese	6502	5,731.00 ppm	Pass



<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Phosphorus	6.0	5.88	%	Pass
Potassium	0.2	0.32	%	Pass
Salt (Sodium x 2.54)	17.9-21.9	23.42	%	Pass
Sulfur	0.4	0.37	%	Pass
Vitamin E	300	240.65	IU/lb	Pass
Zinc	10000	8,224.00	ppm	Pass
Vitamin A	300000	222,275.25	IU/lb	Pass

**Product:** Custom Dakota Range Mineral - NS

**Sample No:** 19F001227

Calcium	12.7-15.6.	12.84	%	Pass
Copper	5001.	4,065.00	ppm	Pass
Crude Fiber	7.3	4.33	%	Pass
Magnesium	1.0.	1.27	%	Pass
Manganese	5003	4,458.00	ppm	Pass
Phosphorus	7.0	7.56	%	Pass
Potassium	0.5	0.72	%	Pass
Protein, Crude	6.6	9.70	%	Pass
Sulfur	0.3	0.45	%	Pass
Vitamin E	500	488.38	IU/lb	Pass
Zinc	10000	8,427.00	ppm	Pass
Vitamin A	300000	243,336.12	IU/lb	Pass

**Manufacturer:** Hill's Pet Nutrition-Topeka

**Product:**

**Sample No:** 19F002143

Moisture (Loss on Drying)	82	79.85	%	Pass
Protein, Crude	4	6.24	%	Pass

**Sample No:** 19F009327

Crude Fat, Acid Hydrolysis	16.5	19.83	%	
Crude Fiber	3.5	1.23	%	Pass
Moisture (Loss on Drying)	8	4.66	%	Pass
Protein, Crude	33.5	36.78	%	Pass
Vitamin E	525	1,380.35	IU/Kg	Pass

**Product:** Healthy Cuisine Braised Beef, Carr

**Sample No:** 19F009555

Moisture (Loss on Drying)	84	77.57	%	Pass
Protein, Crude	4	6.05	%	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Hills Savory Stew with Beef & Vegetables				
<b>Sample No:</b> 19F008805				
	Moisture (Loss on Drying)	82	76.71 %	Pass
	Protein, Crude	3.5	6.84 %	Pass
<b>Product:</b> Hill's Science Diet Chicken & Barley				
<b>Sample No:</b> 19F008810				
	Moisture (Loss on Drying)	78	75.07 %	Pass
	Protein, Crude	5.2	6.16 %	Pass
<b>Product:</b> Hill's Science Diet Liver & Chicken Entrée				
<b>Sample No:</b> 19F008811				
	Moisture (Loss on Drying)	78	74.83 %	Pass
	Protein, Crude	8.5	10.03 %	Pass
<b>Product:</b> Hills Science Diet small Paws Adult				
<b>Sample No:</b> 19F009554				
	Crude Fat, Acid Hydrolysis	10	12.55 %	
	Crude Fiber	6	4.65 %	Pass
	Moisture (Loss on Drying)	10	6.86 %	Pass
	Omega 6 Fatty Acids	2.5	2.47 %	Pass
	Protein, Crude	15.5	18.57 %	Pass
	Vitamin E	700	962.30 IU/Kg	Pass
<b>Product:</b> Science Diet - Turkey & Barley				
<b>Sample No:</b> 19F002144				
	Moisture (Loss on Drying)	78.0	75.58 %	Pass
	Protein, Crude	3.5	4.66 %	Pass
<b>Product:</b> Science Diet Savory Turkey Entree				
<b>Sample No:</b> 19F007360				
	Moisture (Loss on Drying)	78	72.39 %	Pass
	Protein, Crude	7	9.58 %	Pass
<b>Manufacturer:</b> Hubbard Feed Inc.-Mankato				
<b>Product:</b> HE-20% MAG				
<b>Sample No:</b> 19F002490				
	Calcium	1.0. - 1.5	1.17 %	Pass
	Copper	250	218.00 ppm	Pass
	Crude Fiber	3.0	2.51 %	Pass
	Magnesium	2.0	1.66 %	Pass
	Manganese	1000	1,033.00 ppm	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Phosphorus	0.8	0.79 %	Pass
Potassium	2.0	3.06 %	Pass
Protein, Crude	20.0	21.29 %	Pass
Selenium	6	5.62 ppm	Pass
Vitamin E	80	103.37 IU/lb	Pass
Zinc	750	799.00 ppm	Pass
Vitamin A	70000	63,543.19 IU/lb	Pass

**Product:** Homestead Layer Pellet Nab Nap

**Sample No:** 19F007088

Crude Fiber	6.0	2.96 %	Pass
Lysine	0.7	0.90 %	Pass
Methionine	0.3	0.31 %	Pass
Protein, Crude	17.0	17.74 %	Pass

**Product:** Stockmaster Sweet Phos 8

**Sample No:** 20F000803

Calcium	14.1-16.9	16.00 %	Pass
Copper	1000	1,071.90 ppm	Pass
Magnesium	0.7	0.82 %	Pass
Phosphorus	8.0	7.66 %	Pass
Potassium	0.1	0.34 %	Pass
Salt (Sodium x 2.54)	14.5-17.5	15.14 %	Pass
Selenium	20	24.44 ppm	Pass
Vitamin E	400	407.40 IU/lb	Pass
Zinc	4000	4,153.00 ppm	Pass
Vitamin A	200000	143,458.88 IU/lb	Pass

**Manufacturer:** Hubbard Feeds

**Product:** Min-TECH 1:1 Mineral

**Sample No:** 19F007090

Calcium	14.2-17.0	15.10 %	
Copper	640	769.00 ppm	Pass
Magnesium	0.6	1.08 %	
Manganese	2600	1,949.00 ppm	Pass
Phosphorus	16	15.34 %	Pass
Potassium	0.1	0.15 %	Pass
Salt (Sodium x 2.54)	7.0-8.4	7.72 %	Pass
Selenium	12.6	10.33 ppm	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Vitamin E	100	97.30	IU/lb	Pass
Zinc	2600	2,320.00	ppm	Pass
Vitamin A	100000	33,402.00	IU/lb	Deficient
Vitamin A	100000	35,139.52	IU/lb	

**Manufacturer:** Hubbard Feeds General Offices  
**Product:**

**Sample No:** 19F009299

Calcium	3.0-4.0	3.71	%	Pass
Crude Fiber	14.0	9.44	%	Pass
Decoquinatate	163.4	142.80	g/ton	Pass
Phosphorus	0.3	0.50	%	Pass
Protein, Crude	32.0	31.87	%	Pass
Salt (Sodium x 2.54)	3.5-4.5	3.99	%	Pass
Selenium	1.83	1.68	ppm	Pass
Thiamine	50	56.30	mg/lb	Pass
Vitamin E	128	144.43	IU/lb	Pass
Vitamin A	10000	11,480.87	IU/lb	Pass

**Manufacturer:** Hubbard Feeds Inc  
**Product:**

**Sample No:** 19F002148

Calcium	0.3 - 0.8	0.79	%	Pass
Crude Fiber	27.0	18.54	%	Pass
Equivalent Crude Protein	0.5	0.53	%	Pass
Phosphorus	0.3	0.41	%	Pass
Protein, Crude	12.0	13.08	%	Pass
Salt (Sodium x 2.54)	0.5 - 1.0	1.07	%	Pass
Selenium	0.3	0.63	ppm	Pass
Vitamin E	25	42.71	IU/lb	Pass
Vitamin A	57750	44,130.52	IU/lb	Pass

**Manufacturer:** Intervet Inc.  
**Product:** Safe-guard Alfalfa Pellets

**Sample No:** 19F007330

Calcium	6.0-7.2	6.73	%	Pass
Crude Fiber	25.0	13.91	%	Pass
Fenbendazole	0.5	0.44	%	Pass
Phosphorus	0.2	0.56	%	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Protein, Crude	12.5	14.41 %	Pass
Selenium	0.01	2.06 ppm	Pass
Zinc	1.0	238.00 ppm	Pass

**Manufacturer:** Kaytee Products Inc.-Chilton  
**Product:**

**Sample No:** 19F009314

Crude Fat, Diethyl Ether	6.0	7.47 %	Pass
Crude Fiber	6.0	4.73 %	Pass
Moisture (Loss on Drying)	13.0	9.00 %	Pass
Protein, Crude	10.0	11.20 %	Pass

**Product:** Kaytee Timothy Cubes

**Sample No:** 19F003145

Calcium	0.25-0.75	0.70 %	Pass
Crude Fiber	32.0	21.52 %	Pass
Moisture (Loss on Drying)	12.0	4.48 %	Pass
Protein, Crude	6.0	18.47 %	Pass

**Product:** Natural Alfalfa Cubes

**Sample No:** 19F002942

Crude Fiber	30.0	31.60 %	Pass
Moisture (Loss on Drying)	12.0	6.14 %	Pass
Protein, Crude	12.0	12.54 %	Pass

**Manufacturer:** Kaytee Products, Inc  
**Product:** Kaytee Alfalfa Cube

**Sample No:** 19F007338

Crude Fiber	30.0	18.78 %	Pass
Moisture (Loss on Drying)	12.0	7.37 %	Pass
Protein, Crude	12.0	13.47 %	Pass

**Product:** Kaytee Timothy Blend Cubes

**Sample No:** 19F007339

Crude Fiber	30.0	22.76 %	Pass
Moisture (Loss on Drying)	12.0	7.23 %	Pass
Protein, Crude	10.0	14.78 %	Pass

**Manufacturer:** Mann Lake Ltd.  
**Product:** Bee Pro

**Sample No:** 19F007337

Ash, Total	7	5.82 %	Pass
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<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Crude Fat, Acid Hydrolysis	6	8.68 %	Pass
Crude Fiber	6	4.05 %	Pass
Moisture (Loss on Drying)	11	6.85 %	Pass
Protein, Crude	40	42.40 %	Pass

**Manufacturer: Manna Pro Products, LLC**  
**Product:**

**Sample No:** 19F009304

Calcium	1.0-1.5	1.16 %	Pass
Copper	25	30.01 ppm	Pass
Crude Fiber	18.0	16.91 %	Pass
Phosphorus	0.5	0.73 %	Pass
Protein, Crude	14.0	14.84 %	Pass
Selenium	0.3	0.61 ppm	Pass
Sodium	0.4-0.9	0.40 %	Pass
Zinc	100	127.88 ppm	Pass
Vitamin A	3000	1,372.72 IU/lb	Deficient

**Sample No:** 19F009305

Crude Fiber	5.00	5.32 %	Pass
Protein, Crude	12.00	13.29 %	Pass
Vitamin E	500	560.11 IU/lb	Pass

**Sample No:** 19F009354

Crude Fiber	28.0	23.85 %	Pass
Protein, Crude	8.0	11.37 %	Pass
Total Sugars (Invert)	6.5	6.73 %	Pass

**Sample No:** 19F009408

Calcium	0.01-0.50	0.03 %	Pass
Crude Fiber	5.00	2.19 %	Pass
Lysine	0.15	0.31 %	Pass
Methionine	0.10	0.18 %	Pass
Phosphorus	0.20	0.33 %	Pass
Protein, Crude	7.00	9.10 %	Pass

**Sample No:** 19F009509

Calcium	1.00-1.50	1.54 %	Pass
Crude Fiber	8.00	7.71 %	Pass
Phosphorus	0.50	0.60 %	Pass
Protein, Crude	18.00	20.13 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Apple Flavor Nuggets				
<b>Sample No:</b> 19F004100				
	Salt (Sodium x 2.54)	0.25-0.75	0.54 %	Pass
	Vitamin E	25	86.24 IU/lb	Pass
	Vitamin A	3000	2,166.15 IU/lb	Pass
<b>Product:</b> Chick Stick				
<b>Sample No:</b> 19F003147				
	Calcium	1.0-1.5	1.45 %	Pass
	Crude Fiber	18.0	17.31 %	Pass
	Phosphorus	0.5	0.62 %	Pass
	Protein, Crude	14.0	14.57 %	Pass
	Selenium	0.3	0.63 ppm	Pass
	Sodium	0.4-0.9	0.49 %	Pass
	Zinc	100	151.10 ppm	Pass
	Vitamin A	3000	4,804.68 IU/lb	Pass
<b>Product:</b> Flock Party Corn & Mealworm				
<b>Sample No:</b> 19F004103				
	Calcium	0.01-0.50	0.03 %	Pass
	Crude Fiber	5.00	2.74 %	Pass
	Lysine	0.15	0.32 %	Pass
	Methionine	0.10	0.19 %	Pass
	Phosphorus	0.20	0.30 %	Pass
	Protein, Crude	7.00	9.13 %	Pass
<b>Product:</b> Flock Party- Cricket Celebration				
<b>Sample No:</b> 19F004185				
	Crude Fat, Diethyl Ether	12	19.40 %	Pass
	Crude Fiber	15	11.56 %	Pass
	Moisture (Loss on Drying)	12	6.43 %	Pass
	Protein, Crude	55	67.76 %	Pass

<b>Product:</b>	<b>Analyte</b>	<b>Claim</b>	<b>Found Unit</b>	<b>Disposition</b>
<b>Flock Party- Quack Snacks</b>				
<b>Sample No:</b>	19F004184			
	Calcium	0.41-0.91	0.49 %	<b>Pass</b>
	Crude Fat, Diethyl Ether	30.00	28.11 %	<b>Pass</b>
	Crude Fiber	9.80	2.81 %	<b>Pass</b>
	Lysine	0.19	0.44 %	<b>Pass</b>
	Methionine	0.07	0.22 %	<b>Pass</b>
	Phosphorus	0.13	0.32 %	<b>Pass</b>
	Protein, Crude	8.00	12.32 %	<b>Pass</b>
<b>Flock Party Snack Cake Seeds &amp; M</b>				
<b>Sample No:</b>	19F004104			
	Calcium	0.01-.50	0.12 %	<b>Pass</b>
	Crude Fat, Diethyl Ether	32.0	41.35 %	<b>Pass</b>
	Crude Fiber	15.0	12.54 %	<b>Pass</b>
	Lysine	0.7	0.80 %	<b>Pass</b>
	Methionine	0.3	0.44 %	<b>Pass</b>
	Phosphorus	0.20	0.56 %	<b>Pass</b>
	Protein, Crude	15.0	22.57 %	<b>Pass</b>
<b>Garden Delight Poultry Treat</b>				
<b>Sample No:</b>	19F002941			
	Calcium	0.01-0.50	0.12 %	<b>Pass</b>
	Crude Fat, Diethyl Ether	7.00	9.68 %	<b>Pass</b>
	Crude Fiber	10.00	10.00 %	<b>Pass</b>
	Lysine	0.40	0.57 %	<b>Pass</b>
	Methionine	0.10	0.26 %	<b>Pass</b>
	Phosphorus	0.25	0.36 %	<b>Pass</b>
	Protein, Crude	15	14.59 %	<b>Pass</b>
	Sodium	0.01-0.50	0.60 %	<b>Pass</b>
<b>Sample No:</b>	19F007340			
	Calcium	0.01-0.50	0.22 %	<b>Pass</b>
	Crude Fat, Acid Hydrolysis	7	9.91 %	<b>Pass</b>
	Crude Fiber	10.00	7.95 %	<b>Pass</b>
	Lysine	0.40	0.72 %	<b>Pass</b>
	Methionine	0.10	0.30 %	<b>Pass</b>
	Phosphorus	0.25	0.43 %	<b>Pass</b>
	Protein, Crude	15	15.54 %	<b>Pass</b>



	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Kid Colostrum Supplement				
<b>Sample No:</b> 19F004099				
	Salt (Sodium x 2.54)	0.01-0.5	0.67 %	Pass
	Sodium	0.01-0.50	0.26 %	Pass
<b>Product:</b> Kid Colostrum Supplement				
<b>Sample No:</b> 19F004099				
	Calcium	1.00-1.50	1.13 %	Pass
	Crude Fat, Base Hydrolysis	15.00	13.54 %	Pass
	Lysine	2.80	4.59 %	Pass
	Phosphorus	0.70	0.70 %	Pass
	Protein, Crude	30.00	33.93 %	Pass
	Selenium	0.3	0.70 ppm	Pass
	Sodium	0.50-1.00	0.73 %	Pass
	Vitamin E	250	281.78 IU/lb	Pass
	Zinc	120	162.00 ppm	Pass
	Vitamin A	30000	23,071.14 IU/lb	Pass
<b>Product:</b> Manna Pro Carrots & Spice Bite-siz				
<b>Sample No:</b> 19F009516				
	Calcium	1.0-1.5	1.12 %	Pass
	Copper	25	28.94 ppm	Pass
	Crude Fiber	18.0	18.00 %	Pass
	Phosphorus	0.5	0.70 %	Pass
	Protein, Crude	14.0	13.83 %	Pass
	Selenium	0.3	0.52 ppm	Pass
	Sodium	0.4-0.9	0.52 %	Pass
	Zinc	100	134.87 ppm	Pass
	Vitamin A	3000	3,115.92 IU/lb	Pass
<b>Product:</b> Manna Pro Senior Snax				
<b>Sample No:</b> 19F009503				
	Crude Fiber	10.00	10.23 %	Pass
	Protein, Crude	12.00	12.85 %	Pass
	Vitamin E	500	1,498.74 IU/lb	Pass
<b>Product:</b> Manna Pro Starter Medicated				
<b>Sample No:</b> 19F009520				
	Calcium	0.75-1.25	1.16 %	Pass
	Crude Fiber	7.00	5.17 %	Pass
	Lysine	0.85	0.91 %	Pass
	Methionine	0.25	0.36 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Phosphorus	0.70	0.74 %	Pass
Protein, Crude	18.00	19.59 %	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.38 %	Pass
Sodium	0-0.50	0.15 %	Pass
Vitamin E	20	78.27 IU/lb	Pass
Vitamin A	3500	2,505.74 IU/lb	Pass

**Product:** MannaPro harvest Delight Poultry T

**Sample No:** 19F007341

Calcium	0.01-0.50	0.18 %	Pass
Crude Fat, Acid Hydrolysis	10	16.03 %	Pass
Crude Fiber	10.00	7.50 %	Pass
Lysine	0.40	0.54 %	Pass
Methionine	0.10	0.31 %	Pass
Phosphorus	0.25	0.40 %	Pass
Protein, Crude	14.00	15.82 %	Pass
Salt (Sodium x 2.54)	0.01-0.35	0.31 %	Pass
Sodium	0.01-0.50	0.12 %	Pass

**Manufacturer:** Mars Petcare US

**Product:**

**Sample No:** 19F009316

Crude Fat, Diethyl Ether	6.0	8.74 %	
Moisture (Loss on Drying)	78.0	75.37 %	Pass
Protein, Crude	8.0	11.98 %	Pass

**Sample No:** 19F009320

Crude Fat, Acid Hydrolysis	6.5	9.07 %	
Moisture (Loss on Drying)	11.0	7.44 %	Pass
Protein, Crude	12.0	18.70 %	Pass

**Product:** Temptations Blissful Catnip Flavor

**Sample No:** 19F009325

Crude Fat, Acid Hydrolysis	17.0	22.34 %	
Crude Fiber	4.5	1.24 %	Pass
Moisture (Loss on Drying)	12.0	7.12 %	Pass
Protein, Crude	30.0	33.29 %	Pass

**Manufacturer:** Masterfeeds

**Product:** Rite-Lix 16AN

**Sample No:** 19F002491

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Calcium	1.0	1.21 %	Pass
Copper	350	275.00 ppm	Pass
Magnesium	2.0	2.38 %	Pass
Manganese	1400	1,368.00 ppm	Pass
Phosphorus	1.0	0.92 %	Pass
Potassium	2.0	3.16 %	Pass
Protein, Crude	16.0	15.66 %	Pass
Vitamin E	220	170.61 IU/lb	Pass
Zinc	1050	1,026.00 ppm	Pass
Vitamin A	220000	227,033.39 IU/Kg	Pass

**Manufacturer: Merrick Pet Care**  
**Product:**

**Sample No:** 19F009332

Crude Fat, Acid Hydrolysis	7.00	9.16 %	Pass
Crude Fiber	5.00	2.44 %	Pass
Moisture (Loss on Drying)	28.00	24.77 %	Pass
Omega-3 Fatty Acids	0.50	0.54 %	Pass
Omega-6 Fatty Acids	1.50	2.10 %	Pass
Protein, Crude	15.00	17.28 %	Pass

**Manufacturer: Mid-States Distributing Compa**  
**Product:** Country Companion Dried Mealwor

**Sample No:** 19F003146

Calcium	0.03-0.05	0.03 %	Pass
Crude Fat, Diethyl Ether	25	32.48 %	Pass
Crude Fiber	7	7.60 %	Pass
Lysine	2.6	2.98 %	Pass
Methionine	0.9	0.75 %	Pass
Moisture (Loss on Drying)	5	2.96 %	Pass
Phosphorus	0.6	0.66 %	Pass
Protein, Crude	50	49.50 %	Pass
Salt (Sodium x 2.54)	0.5-0.72	0.48 %	Pass

**Manufacturer: Midwest Ag Supplement**  
**Product:** Foragaer Pro 40 Bio-Mos WS

**Sample No:** 19F001089

Calcium	.5-1.0	0.69 %	Pass
Copper	240	228.00 ppm	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Equivalent Crude Protein	36	36.10 %	Pass
Moisture (Loss on Drying)	45	46.49 %	Pass
Phosphorus	1.0	1.51 %	Pass
Potassium	1.0	1.36 %	Pass
Protein, Crude	40.0	43.27 %	Pass
Salt (Sodium x 2.54)	3.0-4.0	3.32 %	Pass
Selenium	2.0	2.06 ppm	Pass
Total Sugars (Invert)	17	16.68 %	Pass
Vitamin A	35000	30,301.77 IU/lb	Pass
Zinc	765	776.00 ppm	Pass

**Product:** Forager Pro 40

**Sample No:** 19F001091

Calcium	0.5-1.0	0.58 %	Pass
Copper	240	222.00 ppm	Pass
Equivalent Crude Protein	36	35.30 %	Pass
Moisture (Loss on Drying)	46	42.89 %	Pass
Phosphorus	1.0	1.13 %	Pass
Potassium	1.5	1.71 %	Pass
Protein, Crude	40	42.02 %	Pass
Salt (Sodium x 2.54)	3.0-4.0	2.89 %	Pass
Selenium	2.0	2.13 ppm	Pass
Total Sugars (Invert)	17	16.87 %	Pass
Vitamin A	35000	26,143.07 IU/lb	Pass
Zinc	765	721.00 ppm	Pass

**Product:** Sweetstart 12

**Sample No:** 19F001090

Calcium	0.75-1.25	0.99 %	Pass
Copper	535	435.00 ppm	Pass
Moisture (Loss on Drying)	46	43.48 %	Pass
Phosphorus	0.2	0.56 %	Pass
Potassium	1.0	2.21 %	Pass
Protein, Crude	12.0	20.46 %	Pass
Salt (Sodium x 2.54)	2.5-3.0	3.29 %	Pass
Selenium	5.4	4.53 ppm	Pass
Vitamin A	80000	58,774.16 IU/lb	Pass
Zinc	2095	1,703.00 ppm	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Manufacturer: Midwest Agri Commodities</b>				
<b>Product: Beet Pulp Shreds with Molassas</b>				
<b>Sample No: 19F007086</b>				
	Crude Fiber	22.0	16.86 %	<b>Pass</b>
	Protein, Crude	6.0	7.28 %	<b>Pass</b>
<b>Manufacturer: Milk Products LLC-Chilton</b>				
<b>Product: Calf Health Supplement</b>				
<b>Sample No: 19F002140</b>				
	Ash Total	7.00	4.24 %	<b>Pass</b>
	Calcium	0.20 - 0.50	0.39 %	<b>Pass</b>
	Phosphorus	0.30	0.44 %	<b>Pass</b>
	Protein, Crude	50.00	53.57 %	<b>Pass</b>
<b>Manufacturer: Mills Fleet Farm</b>				
<b>Product:</b>				
<b>Sample No: 19F009306</b>				
	Calcium	1.00-1.50	1.24 %	<b>Pass</b>
	Crude Fiber	12.00	9.36 %	<b>Pass</b>
	Phosphorus	0.50	0.87 %	<b>Pass</b>
	Protein, Crude	12.00	13.86 %	<b>Pass</b>
	Sodium	0.25-0.75	0.44 %	<b>Pass</b>
<b>Manufacturer: Mullins Whey Inc</b>				
<b>Product: Deproteinized Whey</b>				
<b>Sample No: 19F007087</b>				
	Ash, Total	9.5	5.50 %	<b>Pass</b>
	Protein, Crude	3.0	2.52 %	<b>Deficient</b>
<b>Manufacturer: Natural Balance Pet Foods, Inc</b>				
<b>Product: Natural Balance Turkey &amp; Giblets</b>				
<b>Sample No: 19F009328</b>				
	Crude Fat, Diethyl Ether	5.0	6.74 %	
	Moisture (Loss on Drying)	78.0	75.00 %	<b>Pass</b>
	Protein, Crude	9.0	11.92 %	<b>Pass</b>
	Taurine	0.05	0.27 %	<b>Pass</b>
<b>Manufacturer: Nature's Variety</b>				
<b>Product: Instinct Raw Boost Mixer for cats</b>				
<b>Sample No: 19F009330</b>				
	Crude Fat, Acid Hydrolysis	30.0	30.45 %	
	Crude Fiber	15.0	11.67 %	<b>Pass</b>

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Manufacturer: Nestle Purina Pet Care</b>				
<b>Product:</b>				
<b>Sample No:</b>	19F009317			
	Moisture (Loss on Drying)	6.0	3.74 %	Pass
	Protein, Crude	36.0	38.62 %	Pass
<b>Manufacturer: Nestle Purina Petcare Compan</b>				
<b>Product:</b> Alpo T-Bonz				
<b>Sample No:</b>	19F007346			
	Moisture (Loss on Drying)	80.0	78.77 %	Pass
	Protein, Crude	9	10.18 %	Pass
<b>Manufacturer: Nurtri-Vet Wellness, LLC</b>				
<b>Product:</b>				
<b>Sample No:</b>	19F009313			
	Crude Fiber	3.5	1.22 %	Pass
	Moisture (Loss on Drying)	28.0	24.47 %	Pass
	Protein, Crude	12.0	17.49 %	Pass
<b>Manufacturer: Nutrena-Minneapolis</b>				
<b>Product:</b> Nutrena Loyal Life Super Premium I				
<b>Sample No:</b>	19F009556			
	Calcium	1.2-2.0	2.08 %	Pass
	Crude Fat, Acid Hydrolysis	14	12.50 %	Pass
	Crude Fiber	5	3.62 %	Pass
	Moisture (Loss on Drying)	10	6.81 %	Pass
	Omega-3 Fatty Acids	0.5	0.58 %	Pass
	Omega-6 Fatty Acids	2.5	2.41 %	Pass
	Phosphorus	1.0	1.43 %	Pass
	Protein, Crude	23	23.50 %	Pass
	Vitamin E	100	128.62 IU/Kg	Pass
<b>Product:</b> Nutrena NatureWise Layer Feed 16				
<b>Sample No:</b>	19F001195			
	Calcium	3.7-3.9	4.32 %	Pass
	Crude Fiber	6.0	4.33 %	Pass
	Lysine	0.75	0.72 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manganese	110.0	163.00 ppm	Pass
Methionine	0.35	0.36 %	Pass
Phosphorus	0.45	0.43 %	Pass
Protein, Crude	16	15.88 %	Pass
Salt (Sodium x 2.54)	0.25-0.65	0.68 %	Pass
Selenium	0.3	0.57 ppm	Pass
Sodium	0.15-0.23	0.27 %	Pass
Vitamin A	3300	3,078.95 IU/lb	Pass

**Manufacturer:** Nylabone  
**Product:** Natural Healthy Edibles dog biscuits

**Sample No:** 19F008812

Crude Fiber	8.0	8.62 %	Pass
Moisture (Loss on Drying)	15.0	7.77 %	Pass
Protein, Crude	4.0	10.22 %	Pass

**Product:** Nylabone Natural Healthy Edibles p

**Sample No:** 19F008813

Crude Fiber	8	3.54 %	Pass
Moisture (Loss on Drying)	15	5.61 %	Pass
Protein, Crude	15	21.16 %	Pass

**Manufacturer:** Omega Protein Corp  
**Product:** Fish Meal

**Sample No:** 19F007089

Calcium	4.3-5.3	4.97 %	Pass
Crude Fat, Acid Hydrolysis	6	9.39 %	Pass
Phosphorus	2.5	3.00 %	Pass
Protein, Crude	60	64.58 %	Pass

**Manufacturer:** Oxbow Enterprises, Inc - Murd  
**Product:**

**Sample No:** 19F009411

Crude Fiber	32.00	21.90 %	Pass
Moisture (Loss on Drying)	15.00	5.20 %	Pass
Protein, Crude	7.00	11.86 %	Pass

**Sample No:** 19F009412

Calcium	0.40-0.80	0.59 %	Pass
Crude Fiber	22.00-26.00	25.61 %	Pass
Moisture (Loss on Drying)	10.00	4.94 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Phosphorus	0.30	0.32	%	Pass
		Protein, Crude	12.00	12.64	%	Pass
		Vitamin E	190	248.38	IU/Kg	Pass
<b>Sample No:</b>	19F009505	Vitamin A	10000	14,725.04	IU/kg	Pass
		Crude Fiber	12.00	11.94	%	Pass
		Moisture (Loss on Drying)	10.00	8.04	%	Pass
		Protein, Crude	12.00	12.51	%	Pass
<b>Manufacturer:</b>	<b>Pacific Coast Distribution</b>					
<b>Product:</b>						
<b>Sample No:</b>	19F009326					
		Ash, Total	2.7	2.79	%	Pass
		Crude Fat, Diethyl Ether	6.0	6.89	%	
		Moisture (Loss on Drying)	78.0	77.73	%	Pass
		Protein, Crude	10.0	11.50	%	Pass
<b>Sample No:</b>	19F009331	Taurine	0.05	0.10	%	Pass
		Crude Fiber	5.0	3.20	%	Pass
		Moisture (Loss on Drying)	14.0	7.40	%	Pass
		Protein, Crude	8.8	10.63	%	Pass
		Vitamin A	7914	6,508.35	IU/Kg	Pass
<b>Manufacturer:</b>	<b>Poet Nutrition-SFalls</b>					
<b>Product:</b>	Dakota Gold					
<b>Sample No:</b>	19F002845					
		Crude Fiber	9.00	8.90	%	Pass
		Moisture (Loss on Drying)	12.50	9.27	%	Pass
		Protein, Crude	27.00	29.33	%	Pass
		Sulfur	0-1.50	0.93	%	Pass
<b>Product:</b>	Syrup					
<b>Sample No:</b>	19F002846					
		Moisture (Loss on Drying)	78.00	78.25	%	Pass
		Protein, Crude	4.00	6.55	%	Pass
		Sulfur	0-0.95	0.46	%	Pass
<b>Product:</b>	Wet Cake					
<b>Sample No:</b>	19F002844					
		Crude Fiber	5.00	5.01	%	



<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Moisture (Loss on Drying)	72.00	58.30	%	Pass
Protein, Crude	9.00	13.79	%	Pass
Sulfur	0-0.95	0.39	%	Pass

**Manufacturer:** Pur Luv  
**Product:** Pur Luv Mini Bones

**Sample No:** 19F007348

Crude Fat, Acid Hydrolysis	1.75-7.00	3.21	%	Pass
Crude Fiber	3.00	1.23	%	Pass
Moisture (Loss on Drying)	23.00	16.29	%	Pass
Omega 3 Fatty Acids	0.12	0.11	%	Pass
Omega 6 Fatty Acids	0.05	0.33	%	Pass
Protein, Crude	7.5	8.93	%	Pass

**Manufacturer:** Purina Animal Nutrition  
**Product:** Purina Accuration Finisher 44 R227

**Sample No:** 19F002156

Calcium	4.50 - 5.50	5.06	%	Pass
Crude Fiber	15.00	12.01	%	Pass
Equivalent Crude Protein	25.50	23.60	%	Pass
Monensin	227.00	169.14	g/ton	Pass
Phosphorus	0.50	0.56	%	Pass
Potassium	2.25	2.44	%	Pass
Protein, Crude	44.00	44.09	%	Pass
Salt (Sodium x 2.54)	2.25 - 2.75	2.73	%	Pass
Vitamin A	17000	22,474.12	IU/lb	Pass

**Product:** Purina Rangeland Calf Creep 14B6

**Sample No:** 19F002847

Calcium	0.50-1.00	0.80	%	Pass
Crude Fiber	25.00	17.50	%	Pass
Lasalocid	68.00	66.03	g/ton	Pass
Phosphorus	0.40	0.72	%	Pass
Potassium	0.70	1.40	%	Pass
Protein, Crude	14.00	14.61	%	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.72	%	Pass
Vitamin A	10000	7,642.50	IU/lb	Pass

**Manufacturer:** Purina Animal Nutrition LLC  
**Product:** Propel Energy Plus

<u>Sample No:</u>	<u>19F009297</u>	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
		ADF	2.00	1.80 %	Pass
		Calcium	0.01-0.51	0.45 %	Pass
		Crude Fat, Diethyl Ether	55.00	51.91 %	Pass
		Phosphorus	0.05	0.19 %	Pass
		Protein, Crude	6.00	8.70 %	Pass
<b>Product:</b>	Purina Apple & Oat Horse Treats				
<b>Sample No:</b>	19F004095				
		Calcium	0.60-1.10	0.80 %	Pass
		Copper	30.00	44.20 ppm	Pass
		Crude Fiber	13.00	11.32 %	Pass
		Lysine	0.20	0.50 %	Pass
		Phosphorus	0.45	0.61 %	Pass
		Protein, Crude	10.00	13.07 %	Pass
		Selenium	0.60-0.72	0.78 ppm	Pass
		Sodium	0.01-0.51	0.09 %	Pass
		Vitamin E	50	97.47 IU/lb	Pass
		Zinc	125.00	168.00 ppm	Pass
		Vitamin A	3000	6,420.21 IU/lb	Pass
<b>Product:</b>	Purina Cattle Mineral				
<b>Sample No:</b>	19F009524				
		Calcium	16.20-19.44	18.37 %	Pass
		Copper	1200	1,114.00 ppm	Pass
		Magnesium	4.0	3.79 %	Pass
		Manganese	3600	3,746.00 ppm	Pass
		Phosphorus	6.0	7.06 %	Pass
		Potassium	0.50	0.59 %	Pass
		Salt (Sodium x 2.54)	16.20-19.44	15.40 %	Pass
		Selenium	27	24.36 ppm	Pass
		Vitamin E	150	171.91 IU/lb	Pass
		Zinc	3600	3,394.30 ppm	Pass
		Vitamin A	150000	115,194.49 IU/lb	Pass
<b>Product:</b>	Purina Equine Adult				
<b>Sample No:</b>	19F004102				
		ADF	30.00	25.90 %	Pass
		Calcium	0.80-1.30	1.21 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Copper	40.00	38.42	ppm	Pass
Crude Fiber	25.00	23.61	%	Pass
Lysine	0.70	0.89	%	Pass
Methionine	0.20	0.22	%	Pass
Phosphorus	0.50	0.52	%	Pass
Protein, Crude	11.00	14.87	%	Pass
Selenium	0.30	0.74	ppm	Pass
Total Sugars (Invert)	5.00	5.83	%	Pass
Vitamin E	80	81.87	IU/lb	Pass
Zinc	120.00	170.00	ppm	Pass
Vitamin A	3000	3,989.88	IU/lb	Pass

**Product:** Purina Equine Senior

**Sample No:** 19F004101

ADF	23.00	19.50	%	Pass
Calcium	0.50-1.00	0.94	%	Pass
Copper	55.00	62.20	ppm	Pass
Crude Fiber	18.00	18.58	%	Pass
Lysine	0.70	0.76	%	Pass
Magnesium	0.33	0.33	%	Pass
Methionine	0.18	0.21	%	Pass
Phosphorus	0.40	0.50	%	Pass
Protein, Crude	14.00	13.99	%	Pass
Selenium	0.30	0.82	ppm	Pass
Total Sugars (Invert)	7.00	9.15	%	Pass
Vitamin E	140	135.97	IU/lb	Pass
Zinc	220.00	250.00	ppm	Pass
Vitamin A	3500	3,774.28	IU/lb	Pass

**Product:** Purina Premium Poultry Feed Duck

**Sample No:** 19F007313

Calcium	0.75-1.25	1.01	%	Pass
Crude Fiber	5.00	3.66	%	Pass
Lysine	1.10	1.13	%	Pass
Methionine	0.40	0.46	%	Pass
Phosphorus	0.50	0.66	%	Pass
Protein, Crude	19	18.93	%	Pass
Salt (Sodium x 2.54)	0.15-0.65	0.75	%	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Purina Premium Poultry Feed Medic				
<b>Sample No:</b> 19F007342				
	Sodium	0.01-0.51	0.30 %	Pass
	Vitamin A	5000	2,272.11 IU/lb	Deficient
	Calcium	0.75-1.25	0.75 %	Pass
	Crude Fiber	5	2.88 %	Pass
	Lysine	0.90	0.95 %	Pass
	Manganese	55.00	115.40 ppm	Pass
	Methionine	0.34	0.33 %	Pass
	Phosphorus	0.55	0.63 %	Pass
	Protein, Crude	18	17.91 %	Pass
	Salt (Sodium x 2.54)	0.25-0.60	0.56 %	Pass
	Sodium	0.25-0.75	0.22 %	Pass
	Vitamin E	14	225.20 IU/lb	
	Vitamin A	5000	2,159.25 IU/lb	Deficient
<b>Product:</b> Purina Premium Poultry Feed Start				
<b>Sample No:</b> 19F009521				
	Calcium	0.75-1.25	0.84 %	Pass
	Crude Fiber	5.00	4.05 %	Pass
	Lysine	0.90	0.91 %	Pass
	Manganese	55.00	114.38 ppm	Pass
	Methionine	0.34	0.34 %	Pass
	Phosphorus	0.55	0.61 %	Pass
	Protein, Crude	18.00	17.77 %	Pass
	Salt (Sodium x 2.54)	0.25-0.75	0.52 %	Pass
	Sodium	0-0.60	0.20 %	Pass
	Vitamin E	14	49.18 IU/lb	Pass
<b>Product:</b> Purina Rangeland Pro Mineral 12				
<b>Sample No:</b> 19F002848				
	Calcium	10.80-12.96	13.31 %	Pass
	Copper	1200	1,267.00 ppm	Pass
	Magnesium	2.0	2.05 %	Pass
	Manganese	4800	4,455.00 ppm	Pass
	Phosphorus	12.0	12.21 %	Pass
	Potassium	1.00	1.27 %	Pass
	Salt (Sodium x 2.54)	10.80-12.96	12.78 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Selenium	27	22.49 ppm	Pass
Vitamin E	150	109.33 IU/lb	Pass
Zinc	3600	3,711.00 ppm	Pass
Vitamin A	150000	45,995.50 IU/lb	Deficient

**Product:** Soybean Meal - SurePro

**Sample No:** 19F002151

Crude Fiber	3.9	3.79 %	Pass
Protein, Crude	43.5	45.25 %	Pass

**Manufacturer:** Purina Mills-St. Louis

**Product:** Friskies Prime Filets With Chicken i

**Sample No:** 19F009557

Ash, Total	2.8	1.92 %	Pass
Moisture (Loss on Drying)	80.0	76.48 %	Pass
Protein, Crude	11	14.46 %	Pass
Taurine	0.05	0.10 %	Pass

**Manufacturer:** QLF-Dodgeville

**Product:** COMM FDLT HICAL 40

**Sample No:** 19F003232

Calcium	11.4-13.6	12.27 %	Pass
Moisture (Loss on Drying)	32.0	33.16 %	Pass
Phosphorus	0.15	0.17 %	Pass
Potassium	1.5	1.63 %	Pass
Protein, Crude	40.0	40.28 %	Pass
Salt (Sodium x 2.54)	5.5-6.6	6.91 %	Pass
Selenium	4.2	4.29 ppm	Pass
Total Sugars (Invert)	5.0	4.57 %	Pass
Vitamin A	40000	30,376.64 IU/lb	Pass

**Manufacturer:** Quality Liquid Feeds Inc.

**Product:**

**Sample No:** 19F001750

Moisture (Loss on Drying)	40.0	44.29 %	Pass
Phosphorus	1.25	1.13 %	Pass
Potassium	2.1	1.80 %	Pass
Protein, Crude	40.0	41.52 %	Pass
Selenium	1.6	1.28 ppm	Pass
Total Sugars (Invert)	20.0	21.70 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Clear Lake 50 R1000	Vitamin A	30000	7,662.74 IU/lb	<b>Deficient</b>
<b>Sample No:</b> 19F003208				
	Calcium	7.5-9.0	9.23 %	<b>Pass</b>
	Moisture (Loss on Drying)	32.0	23.40 %	<b>Pass</b>
	Phosphorus	1.0	0.98 %	<b>Pass</b>
	Potassium	3.2	3.11 %	<b>Pass</b>
	Protein, Crude	50	47.46 %	<b>Deficient</b>
	Selenium	4.3	4.14 ppm	<b>Pass</b>
	Total Sugars (Invert)	9.0	6.39 %	<b>Deficient</b>
	Vitamin A	80000	26,290.39 IU/lb	<b>Deficient</b>
<b>Product:</b> Core Max 20				
<b>Sample No:</b> 19F003211				
	Calcium	10.5-12.7	11.93 %	<b>Pass</b>
	Moisture (Loss on Drying)	34.0	32.84 %	<b>Pass</b>
	Phosphorus	0.24	0.20 %	<b>Pass</b>
	Potassium	2.0	1.82 %	<b>Pass</b>
	Protein, Crude	20.0	20.51 %	<b>Pass</b>
	Selenium	5.5	5.17 ppm	<b>Pass</b>
	Total Sugars (Invert)	9.0	9.86 %	<b>Pass</b>
	Vitamin A	50000	40,220.79 IU/lb	<b>Pass</b>
<b>Product:</b> Edie 20 Custom				
<b>Sample No:</b> 19F003206				
	Calcium	10.6-12.7	13.12 %	<b>Pass</b>
	Moisture (Loss on Drying)	34.0	33.86 %	<b>Pass</b>
	Phosphorus	0.14	0.24 %	<b>Pass</b>
	Potassium	2.0	1.81 %	<b>Pass</b>
	Protein, Crude	20	20.93 %	<b>Pass</b>
	Selenium	5.5	5.03 ppm	<b>Pass</b>
	Total Sugars (Invert)	8.0	9.79 %	<b>Pass</b>
	Vitamin A	50000	36,875.35 IU/lb	<b>Pass</b>
<b>Product:</b> Heifer MixH.8 Custom				
<b>Sample No:</b> 19F003209				
	Calcium	0.2-0.7	0.75 %	<b>Pass</b>
	Moisture (Loss on Drying)	40.0	41.67 %	<b>Pass</b>
	Phosphorus	0.24	0.31 %	<b>Pass</b>

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Potassium	2.3	2.01	%	Pass
Protein, Crude	10	10.77	%	Pass
Total Sugars (Invert)	20.0	20.02	%	Pass

**Product:** NutriBeef 50 R500

**Sample No:** 19F003207

Calcium	8.0-9.6	9.21	%	Pass
Moisture (Loss on Drying)	68.0	34.28	%	Pass
Phosphorus	0.3	0.27	%	Pass
Potassium	3.5	3.15	%	Pass
Protein, Crude	50	48.28	%	Deficient
Selenium	4.3	4.33	ppm	Pass
Total Sugars (Invert)	8.0	8.25	%	Pass
Vitamin A	40000.0	25,914.96	IU/lb	Deficient

**Product:** QLF Range 40

**Sample No:** 19F003210

Calcium	0.2-0.6	0.42	%	Pass
Copper	150	147.50	ppm	Pass
Iron	100	391.20	ppm	Pass
Magnesium	0.2	0.21	%	Pass
Manganese	400	416.00	ppm	Pass
Moisture (Loss on Drying)	40.0	44.22	%	Pass
Phosphorus	1.0	1.28	%	Pass
Potassium	1.75	1.70	%	Pass
Protein, Crude	40.0	39.93	%	Pass
Selenium	2	1.76	ppm	Pass
Sulfur	0.4	0.60	%	Pass
Total Sugars (Invert)	22.0	17.34	%	Deficient
Vitamin A	30000	15,697.50	IU/lb	Deficient
Vitamin E	30	34.91	IU/lb	Pass
Zinc	600	605.00	ppm	Pass

**Product:** Range 40

**Sample No:** 19F003233

Moisture (Loss on Drying)	42.0	42.34	%	Pass
Phosphorus	1.25	1.13	%	Pass
Potassium	2.1	1.80	%	Pass
Protein, Crude	40.0	39.21	%	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>	
<b>Product:</b> SuprCoat 65-5					
<b>Sample No:</b>	19F002146				
	Moisture (Loss on Drying)	35.0	33.12 %	Pass	
	Phosphorus	0.40	0.38 %	Pass	
	Total Sugars (Invert)	33.0	36.63 %	Pass	
<b>Manufacturer:</b> Red River Commodities					
<b>Product:</b> Valley Splendor Cracked Corn					
<b>Sample No:</b>	19F008809				
<b>Sample No:</b>	19F009519	Protein, Crude	8	8.05 %	Pass
		Protein, Crude	8	7.09 %	Deficient
<b>Manufacturer:</b> Resolve Sustainable Solutions					
<b>Product:</b>					
<b>Sample No:</b>	19F009334				
	Calcium	0.20-0.70	0.50 %	Pass	
	Crude Fiber	8.50	4.65 %	Pass	
	Lysine	0.18	0.60 %	Pass	
	Phosphorus	0.19	0.56 %	Pass	
	Protein, Crude	13.70	18.56 %	Pass	
<b>Product:</b> Baby Cake					
<b>Sample No:</b>	19F004175				
	Calcium	0.20-0.70	0.47 %	Pass	
	Crude Fat, Diethyl Ether	26.90	32.75 %	Pass	
	Crude Fiber	9.30	3.64 %	Pass	
	Lysine	0.18	0.48 %	Pass	
	Methionine	0.07	0.19 %	Pass	
	Phosphorus	0.15	0.33 %	Pass	
	Protein, Crude	8.90	13.09 %	Pass	
<b>Product:</b> Farmer's Helper - Optimal Forage C					
<b>Sample No:</b>	19F009335				
	Calcium	0.47-0.97	0.60 %	Pass	
	Crude Fiber	10.40	6.56 %	Pass	
	Phosphorus	0.20	0.59 %	Pass	



		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Hot Cake		Protein, Crude	14.30	22.76 %	Pass
<b>Sample No:</b> 19F004180					
		Calcium	0.47-0.97	0.62 %	Pass
		Crude Fat, Diethyl Ether Extract	23.7	33.10 %	Pass
		Crude Fiber	8.3	2.73 %	Pass
		Lysine	0.22	0.44 %	Pass
		Methionine	0.23	0.21 %	Pass
		Phosphorus	0.20	0.33 %	Pass
		Protein, Crude	8.9	13.93 %	Pass
<b>Product:</b> Optimal Forage Cake					
<b>Sample No:</b> 19F004186					
		Calcium	0.47-0.97	0.57 %	Pass
		Crude Fiber	10.40	6.69 %	Pass
		Lysine	0.22	0.70 %	Pass
		Methionine	0.23	0.44 %	Pass
		Phosphorus	0.20	0.55 %	Pass
		Protein, Crude	14.30	20.49 %	Pass
<b>Manufacturer:</b> Scott Pet					
<b>Product:</b> Premium Pork Chomps					
<b>Sample No:</b> 19F008802					
		Moisture (Loss on Drying)	13	7.79 %	Pass
		Protein, Crude	75	89.54 %	Pass
<b>Manufacturer:</b> SDSP-Volga					
<b>Product:</b>					
<b>Sample No:</b> 19F009300					
		Crude Fiber	38.0	40.36 %	Pass
		Moisture (Loss on Drying)	14	12.18 %	Pass
		Protein, Crude	9.0	10.61 %	Pass
<b>Product:</b> Soybean Hull - Pelleted Hulls					
<b>Sample No:</b> 19F002147					
		Crude Fiber	38.0	36.67 %	Pass
		Moisture (Loss on Drying)	14	12.17 %	Pass
		Protein, Crude	9.0	10.31 %	Pass
<b>Manufacturer:</b> Solid Gold Pet, LLC					
<b>Product:</b>					

Sample No:	Analyte	Claim	Found Unit	Disposition
19F009321	Crude Fat, Acid Hydrolysis	15.0	17.39 %	
	Crude Fiber	4.0	3.86 %	Pass
	Moisture (Loss on Drying)	10.0	7.99 %	Pass
	Omega-6 Fatty Acids	2.25	3.01 %	Pass
	Protein, Crude	26.0	26.24 %	Pass
	Vitamin E	250	188.15 IU/Kg	Pass
<b>Manufacturer: Standlee Hay Company</b>				
<b>Product:</b>				
19F009407	Ash, Total	12	9.80 %	Pass
	Crude Fiber	32	28.62 %	Pass
	Protein, Crude	12	14.67 %	Pass
	Total Sugars (Invert)	7	4.28 %	Pass
<b>Product: Standlee Alfalfa Timothy Cubes</b>				
19F004105	Ash	12	9.95 %	Pass
	Crude Fiber	32	33.73 %	Pass
	Protein, Crude	12	14.57 %	Pass
<b>Manufacturer: Sunbird Inc</b>				
<b>Product: Flax seed</b>				
19F003459	Crude Fat, Diethyl Ether Extract	30.0	38.66 %	Pass
	Crude Fiber	24.0	15.25 %	Pass
	Moisture (Loss on Drying)	10.0	10.73 %	Pass
	Protein, Crude	20.0	19.80 %	Pass
<b>Manufacturer: Sunshine Mills Inc.</b>				
<b>Product: Free Spirit Jerky Bites</b>				
19F008806	Crude Fat, Acid Hydrolysis	8.0	9.90 %	Pass
	Crude Fiber	3.0	2.78 %	Pass
	Moisture (Loss on Drying)	26.0	19.70 %	Pass
	Omega 3 Fatty Acids	0.1	0.94 %	Pass
	Omega 6 Fatty Acids	2.0	2.32 %	Pass
	Protein, Crude	18.0	19.72 %	Pass
	Taurine	0.12	0.17 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Manufacturer: Taste of The Wild</b>					
<b>Product:</b>					
<b>Sample No:</b>	19F002135				
		Moisture (Loss on Drying)	82.0	79.88 %	<b>Pass</b>
		Protein, Crude	8.0	9.39 %	<b>Pass</b>
<b>Sample No:</b>	19F002136				
		Moisture (Loss on Drying)	82.0	78.36 %	<b>Pass</b>
		Protein, Crude	8.0	10.19 %	<b>Pass</b>
<b>Sample No:</b>	19F002137				
		Moisture (Loss on Drying)	82.0	77.49 %	<b>Pass</b>
		Protein, Crude	9.0	9.41 %	<b>Pass</b>
<b>Manufacturer: Tractor Supply Company- Bren</b>					
<b>Product:</b>					
<b>Sample No:</b>	19F009501				
		Crude Fat, Diethyl Ether	25	28.32 %	<b>Pass</b>
		Crude Fiber	8	7.37 %	<b>Pass</b>
		Moisture (Loss on Drying)	10	4.72 %	<b>Pass</b>
		Protein, Crude	48	51.37 %	<b>Pass</b>
<b>Sample No:</b>	19F009502				
		Crude Fat, Diethyl Ether	25.0	25.39 %	<b>Pass</b>
		Crude Fiber	4.0	3.86 %	<b>Pass</b>
		Protein, Crude	7.0	11.60 %	<b>Pass</b>
<b>Sample No:</b>	19F009508				
		Calcium	0.75-1.25	0.75 %	<b>Pass</b>
		Crude Fiber	18.0	13.90 %	<b>Pass</b>
		Phosphorus	0.50	0.53 %	<b>Pass</b>
		Protein, Crude	20.0	19.50 %	<b>Pass</b>
		Salt (Sodium x 2.54)	0.25-0.75	0.48 %	<b>Pass</b>
		Vitamin E	80	80.50 IU/lb	<b>Pass</b>
		Vitamin A	10000	5,241.08 IU/lb	<b>Deficient</b>
<b>Sample No:</b>	19F009510				
		Calcium	0.50-1.00	0.45 %	<b>Pass</b>
		Crude Fiber	7.0	6.08 %	<b>Pass</b>
		Phosphorus	0.30	0.41 %	<b>Pass</b>
		Protein, Crude	14.0	11.92 %	<b>Deficient</b>
		Salt (Sodium x 2.54)	0.50-1.00	0.69 %	<b>Pass</b>

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Dumor Alfalfa Cubes				
<b>Sample No:</b>	19F009409			
	Vitamin E	10	13.84 IU/lb	Pass
	Vitamin A	1500	1,518.02 IU/lb	Pass
<b>Product:</b> DuMor Miniature Pig				
<b>Sample No:</b>	19F009336			
	Calcium	0.90-1.1	1.09 %	Pass
	Crude Fiber	30.0	27.55 %	Pass
	Moisture (Loss on Drying)	12.0	6.19 %	Pass
	Phosphorus	0.20	0.19 %	Pass
	Protein, Crude	16.0	13.66 %	Deficient
<b>Product:</b> DuMor- Miniature Pigs Skin & Coat				
<b>Sample No:</b>	19F004164			
	Calcium	0.7-1.2	0.83 %	Pass
	Crude Fat, Diethyl Ether Extract	48.0	47.91 %	Pass
	Crude Fiber	10.0	9.96 %	Pass
	Lysine	0.4	0.50 %	Pass
	Phosphorus	0.5	0.74 %	Pass
	Protein, Crude	10.0	12.25 %	Pass
	Selenium	0.1	0.26 ppm	Excessive
	Selenium	0.1	0.25 ppm	Pass
	Vitamin E	50	259.20 IU/lb	Pass
	Zinc	660	537.20 ppm	Pass
<b>Product:</b> DuMor Multi-species Electrolytes St				
<b>Sample No:</b>	19F002138			
	Dextrose	60	67.77 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> DuMor Poultry Layer 16% Crumble				
<b>Sample No:</b> 19F004172				
	Potassium	2.25	2.70 %	Pass
	Sodium	6.0 - 6.50	6.32 %	Pass
	Calcium	3.8-4.8	3.91 %	Pass
	Crude Fiber	7	6.61 %	Pass
	Phosphorus	.45	0.90 %	Pass
	Protein, Crude	16	15.80 %	Pass
	Salt (Sodium x 2.54)	.25-.75	0.48 %	Pass
<b>Product:</b> DuMor Timothy Hay Cubes				
<b>Sample No:</b> 19F009410				
	Calcium	0.20	1.30 %	Pass
	Crude Fiber	30.0	22.36 %	Pass
	Moisture (Loss on Drying)	12.0	7.08 %	Pass
	Phosphorus	0.20	0.21 %	Pass
	Protein, Crude	7.0	16.40 %	Pass
<b>Product:</b> DuMor-Layer Pellet 16%				
<b>Sample No:</b> 19F004165				
	Calcium	3.8-4.8	3.87 %	Pass
	Crude Fiber	7	6.95 %	Pass
	Phosphorus	.45	0.87 %	Pass
	Protein, Crude	16	16.69 %	Pass
	Salt (Sodium x 2.54)	.25-.75	0.67 %	Pass
<b>Product:</b> Producer's Pride Cracked Corn				
<b>Sample No:</b> 19F009523				
	Calcium	0.01-0.51	0.01 %	Pass
	Crude Fiber	3.50	1.90 %	Pass
	Phosphorus	0.20	0.24 %	Pass
	Protein, Crude	6.00	6.10 %	Pass
<b>Product:</b> Producer's Pride- Cracked Corn				
<b>Sample No:</b> 19F004173				
	Calcium	0.01-0.51	0.02 %	Pass
	Crude Fiber	3.50	3.24 %	Pass
	Phosphorus	0.20	0.31 %	Pass
	Protein, Crude	6.00	7.81 %	Pass
	Sodium	0-0.51	0.21 %	Pass

<b>Product:</b>	<b>Analyte</b>	<b>Claim</b>	<b>Found Unit</b>	<b>Disposition</b>
<b>Product:</b> Producer's Pride General Purpose F				
<b>Sample No:</b> 19F009525				
	Ash, Total	78.00	77.25 %	Pass
	Calcium	14.00-16.79	17.31 %	Pass
	Magnesium	0.50	0.46 %	Pass
	Manganese	775.00	894.40 ppm	Pass
	Phosphorus	4.00	4.15 %	Pass
	Potassium	0.50	0.61 %	Pass
	Salt (Sodium x 2.54)	23.00-27.60	24.02 %	Pass
	Selenium	10.00-12.00	13.10 ppm	Pass
	Sodium	12.00	9.55 %	Pass
	Vitamin E	25	115.48 IU/lb	Pass
	Zinc	750.00	821.10 ppm	Pass
	Vitamin A	12000	11,062.28 IU/lb	Pass
<b>Product:</b> Royal Wing Mealworm Wild Bird Fo				
<b>Sample No:</b> 19F004098				
	Crude Fat, Diethyl Ether	33	42.04 %	Pass
	Crude Fiber	14	7.50 %	Pass
	Protein, Crude	25	27.42 %	Pass
<b>Manufacturer:</b> Travis Madsen				
<b>Product:</b> 3/4" Cake				
<b>Sample No:</b> 19F001230				
	Crude Fiber	8	7.91 %	Pass
	Protein, Crude	16	18.66 %	Pass
<b>Manufacturer:</b> Tuffy's Pet Foods, Inc.				
<b>Product:</b> Nutri Source Salmon Dog Treats				
<b>Sample No:</b> 19F007343				
	Crude Fat, Acid Hydrolysis	6.00	7.05 %	Pass
	Crude Fiber	6.00	3.71 %	Pass
	Moisture (Loss on Drying)	30.00	20.38 %	Pass
	Omega 3 Fatty Acids	0.30	0.67 %	Pass
	Omega 6 Fatty Acids	0.50	1.38 %	Pass
	Protein, Crude	13.00	17.75 %	Pass
<b>Product:</b> NutriSource Chicken				
<b>Sample No:</b> 19F007344				
	Crude Fat, Acid Hydrolysis	6	7.94 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Crude Fiber	6.00	3.79 %	Pass
Moisture (Loss on Drying)	30.00	20.29 %	Pass
Omega 3 Fatty Acids	0.30	0.41 %	Pass
Omega 6 Fatty Acids	0.50	1.38 %	Pass
Protein, Crude	13.00	18.05 %	Pass

**Manufacturer: Uncle Jimmy's Brand Products**  
**Product: Uncle Jimmy's Squeezy Buns**

**Sample No: 19F004174**

Crude Fiber	5.0	5.96 %	Excessive
Moisture (Loss on Drying)	17.0	12.45 %	Pass
Protein, Crude	9.0-10.8	10.84 %	Pass

**Manufacturer: Valero Marketing and Supply C**  
**Product: Corn Distillers Dried Grains with Sol**

**Sample No: 19F002145**

Ash, Total	6.0	4.95 %	Pass
Crude Fat, Diethyl Ether	6.0	11.60 %	Pass
Crude Fiber	11.0	7.58 %	Pass
Protein, Crude	26.0	29.42 %	Pass
Sulfur	0.6-1.0	0.60 %	Pass

**Product: Distillers Dried Grains with Solubles**

**Sample No: 19F008790**

Ash, Total	6.0	4.53 %	Pass
Crude Fat, Petroleum Ether	6.0	7.89	Pass
Crude Fiber	11.0	8.03 %	Pass
Protein, Crude	26.0	27.97 %	Pass
Sulfur	0-1.0	0.66 %	Pass

**Sample No: 19F009294**

Ash, Total	6.0	4.57 %	Pass
Crude Fat, Diethyl Ether	6.0	9.94 %	Pass
Crude Fiber	11.0	8.50 %	
Protein, Crude	26.0	27.73 %	Pass
Sulfur	0.6-1.0	0.68 %	Pass

**Manufacturer: Vet Science LLC**  
**Product:**

**Sample No: 19F002142**

Crude Fiber	3.0	0.82 %	Pass
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<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Moisture (Loss on Drying)	10.0	6.88	%	Pass
Protein, Crude	57.0	52.59	%	Deficient

**Manufacturer: Vitakraft Sunseed, Inc.**

**Product:**

**Sample No:** 19F009511

Calcium	0.3-0.8	0.37	%	Pass
Crude Fiber	14	9.99	%	Pass
Moisture (Loss on Drying)	12	10.33	%	Pass
Omega 3 Fatty Acids	0.2	0.21	%	Pass
Phosphorus	0.3	0.45	%	Pass
Protein, Crude	14	14.43	%	Pass
Vitamin E	30	199.91	IU/lb	Pass
Vitamin A	5000	3,923.27	IU/kg	Pass

**Manufacturer: Westminster Pet Products**

**Product:**

**Sample No:** 19F002141

Crude Fat, Acid Hydrolysis	5.0 - 8.0	7.61	%	Pass
Crude Fiber	4.0	0.21	%	Pass
Moisture (Loss on Drying)	18.0	7.14	%	Pass
Protein, Crude	14.0	21.41	%	Pass

**Manufacturer: Wildlife Sciences**

**Product:** Suet Plus Mealworms & Nuts

**Sample No:** 19F008801

Crude Fat, Diethyl Ether Extract	35.0	41.88	%	Pass
Crude Fiber	12.0	11.67	%	Pass
Moisture (Loss on Drying)	10.0	4.47	%	Pass
Protein, Crude	5.0	4.82	%	Pass

**Product:** Wildlife Sciences Mealworms

**Sample No:** 19F008800

Crude Fat, Diethyl Ether Extract	23	27.28	%	Pass
Crude Fiber	7	6.97	%	Pass
Moisture (Loss on Drying)	10	4.84	%	Pass
Protein, Crude	50	51.38	%	Pass

**Sample No:** 19F009517

Crude Fat, Diethyl Ether	23	27.15	%	Pass
Crude Fiber	7	6.07	%	Pass



	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Moisture (Loss on Drying)	10	4.61 %	Pass
	Protein, Crude	50	50.72 %	Pass
<b>Product:</b> Wildlife Sciences Suet Balls Fruit &				
<b>Sample No:</b> 19F009518				
	Crude Fat, Diethyl Ether	25.0	33.78 %	Pass
	Crude Fiber	12.0	9.48 %	Pass
	Moisture (Loss on Drying)	10.0	4.99 %	Pass
	Protein, Crude	4.0	5.15 %	Pass
<b>Manufacturer:</b> Wolf Creek				
<b>Product:</b>				
<b>Sample No:</b> 19F009298				
	Ash, Total	5.00	5.49 %	Pass
	Crude Fat, Diethyl Ether	20.00-21.50	22.05 %	Pass
	Crude Fiber	8.00	5.79 %	Pass
	Moisture (Loss on Drying)	5.0	2.22 %	Pass
	Protein, Crude	36.00	39.82 %	Pass
<b>Product:</b> Roasted Beans				
<b>Sample No:</b> 19F002150				
	Ash, Total	5.00	5.44 %	Pass
	Crude Fat, Diethyl Ether	20.00 - 21.50	22.35 %	Pass
	Crude Fiber	8.00	6.73 %	Pass
	Moisture (Loss on Drying)	5.0	3.19 %	Pass
	Protein, Crude	36.00	37.71 %	Pass
<b>Manufacturer:</b> Zoetis Inc. - Kalamazoo				
<b>Product:</b> Entrolyte H.E.				
<b>Sample No:</b> 19F007327				
	Calcium	0.1-0.6	0.23 %	Pass
	Magnesium	0.08	0.07 %	Pass
	Phosphorus	0.15	0.19 %	Pass
	Potassium	0.95	1.18 %	Pass
	Sodium	2.4-2.9	2.76 %	Pass
<b>Product:</b> Entrolyte H.E. Nutritional Suppleme				
<b>Sample No:</b> 19F009560				
	Calcium	0.1-0.6	0.19 %	Pass
	Glycine	2.3	2.21 %	Pass
	Magnesium	0.08	0.07 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Phosphorus	0.15	0.16 %	Pass
Potassium	0.95	1.35 %	Pass
Sodium	2.94-2.9	2.44 %	Pass

**Product:** Re-Sorb

**Sample No:** 19F002139

Glucose	98	95.35 %	Pass
Potassium Citrate	0.12	1.46 %	Pass
Potassium Phosphate	4.20	3.86 %	Pass
Sodium Chloride	8.82	8.07 %	Pass

**Manufacturer:** Zuke's, LLC

**Product:** Zukes Mini Naturals Chicken

**Sample No:** 19F007347

Crude Fat, Acid Hydrolysis	7.0	7.54 %	Pass
Moisture (Loss on Drying)	30.0	29.75 %	Pass
Protein, Crude	10.0	11.34 %	Pass

Performed By:



Collected By:  
Division of Agricultural Services  
Foss Building 523 E. Capitol  
Pierre, SD 57501-3182  
Phone: (605) 773-3724  
Fax: (605) 773-3481

## 2019 Animal Remedy Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
ADF	%	1.00
Amprolium	%	4.00
Ash Total	%	3.00
Ash, Total	%	2.00
Calcium	%	19.00
Calcium	g	1.00
Calcium		1.00
Cobalt		1.00
Copper	mg/ml	1.00
Copper	ppm	1.00
Copper		2.00
Crude Fat, Base Hydrolysis	%	8.00
Crude Fiber	%	5.00
Crude Protein	%	1.00
Dextrose	%	7.00
Dextrose	g	1.00
Fenbendazole	%	5.00
Fenbendazole	g/kg	1.00
Fenbendazole	g/pouch	1.00
Fenbendazole	mg/g	4.00
Fenbendazole	mg/ml	1.00
Glucose	g	1.00
Glycine	%	5.00
Iron	mg/mL	2.00
Iron	ppm	1.00
Ivermectin	%	8.00
Lysine	%	1.00

## 2019 Animal Remedy Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
Magnesium	%	10.00
Magnesium	g	1.00
Manganese	mg/ml	1.00
Manganese	ppm	1.00
Manganese		1.00
Moisture (Loss on Drying)	%	1.00
Nitrofurazone	%	1.00
Oxytetracycline	mg/g	1.00
Oxytetracycline	mg/gm	2.00
Oxytetracycline	mg/ml	5.00
Phosphorus	%	12.00
Phosphorus	g	1.00
Potassium	%	23.00
Potassium	g	1.00
Potassium Citrate	%	2.00
Potassium Phosphate	%	2.00
Praziquantel	%	3.00
Protein, Crude	%	6.00
Protein, Crude	%	9.00
Pyrantel base	%	1.00
Pyrantel base	mg/g	1.00
Pyrantel pamoate	mg/ml	3.00
Salt (Sodium x 2.54)	%	8.00
Selenium	mg/ml	1.00
Selenium	ppm	24.00
Sodium	%	21.00
Sodium Chloride	%	2.00
Vitamin A	IU/lb	21.00
Vitamin A	IU/ml	6.00
Vitamin E	IU/lb	21.00
Vitamin E	IU/ml	2.00
Zinc	mg/ml	1.00
Zinc	ppm	4.00
Zinc		2.00

## 2019 Animal Remedy Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
	Total Animal Remedy Analyses:	289.00

Performed By:



Collected By:  
 Division of Agricultural Services  
 Foss Building 523 E. Capitol  
 Pierre, SD 57501-3182  
 Phone: (605) 773-3724  
 Fax: (605) 773-3481

## 2019 Animal Remedies Manufacturer Sample Totals

Manufacturer:

Manufacturer	Phoenix			AZ		
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
2018 Farnam Companies, Inc.	3.00	0.00	0.00	0.00	3	1
ADM Alliance Nutrition-Quincy	Quincy			IL		
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	1
APC, Inc.	Ankeny			IA		
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	7.00	0.00	0.00	0.00	7	1
Aspen Veterinary Resources, Ltd.	Liberty			MO		
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	13.00	0.00	0.00	0.00	13	7
Bimeda-LeSueur	LeSueur			MN		
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	2
Boehringer Ingelheim Vetmedica, Inc.	St. Joseph			MO		
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
Durvet, Inc -Blue Springs	Blue Springs			MO		
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	13.00	1.00	0.00	0.00	14	6
Fanam Horse Products	Phoenix			AZ		

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	1
<b>Farnam</b>	<b>Phoenix</b>		<b>AZ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	12.00	1.00	0.00	0.00	13	2
<b>Huvepharma</b>	<b>Peachtree City</b>		<b>GA</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	4
<b>Imu- Tek Animal Health Inc.</b>	<b>Fort Collins</b>		<b>CO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	34.00	2.00	0.00	0.00	36	5
<b>Intervet Inc.</b>	<b>Summit</b>		<b>NJ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	6.00	0.00	0.00	3.00	9	4
<b>Intervet/Merck Animal Health-Summit</b>	<b>Summit</b>		<b>NJ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	10.00	0.00	0.00	0.00	10	5
<b>Invert, Inc.-Madison NJ</b>	<b>Madison</b>		<b>NJ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
<b>Manna Pro Products, LLC</b>	<b>St. Louis</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	45.00	2.00	0.00	2.00	49	8
<b>Merck Animal Health - Summit</b>	<b>Summit</b>		<b>NJ</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
<b>Merial Limited</b>	<b>Duluth</b>		<b>GA</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	2
<b>Merial, Inc.</b>	<b>Duluth</b>		<b>GA</b>			

Manufacturer:

	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
<b>Merrick's Animal Health LLC</b>	<b>Middleton</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	0.00	0.00	0.00	3	1
<b>Milk Products LLC-Chilton</b>	<b>Chilton</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	15.00	0.00	0.00	0.00	15	3
<b>Mills Fleet Farm</b>	<b>Appleton</b>		<b>WI</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	1
<b>Miltimin North America Inc.</b>	<b>-</b>		<b>-</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	0.00	4	1
<b>MWI</b>	<b>Boise</b>		<b>ID</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	1.00	0.00	0.00	0.00	1	1
<b>Neogen Corporation</b>	<b>Lexington</b>		<b>KY</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	16.00	1.00	0.00	1.00	18	5
<b>ProLabs Ltd</b>	<b>St Joseph</b>		<b>MO</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	2.00	0.00	0.00	0.00	2	2
<b>Ridley Specialty Products-Mankato</b>	<b>Mankato</b>		<b>MN</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	4.00	0.00	0.00	1.00	5	1
<b>Roto Salt Company</b>	<b>Penn Yan</b>		<b>NY</b>			
	<u>Total Pass</u>	<u>Total Fail</u>	<u>Total Canceled</u>	<u>Total No Disposition</u>	<u>Total Tests</u>	<u>Total Samples</u>
	3.00	2.00	0.00	3.00	8	1
<b>Sergeants Pet Care Products</b>	<b>Omaha</b>		<b>NE</b>			





Performed By:



Collected By:  
Division of Agricultural Services  
Foss Building 523 E. Capitol  
Pierre, SD 57501-3182  
Phone: (605) 773-3724  
Fax: (605) 773-3481

## 2019 Animal Remedies Individual Samples

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Manufacturer:</b>	2018 Farnam Companies, Inc.				
<b>Product:</b>	One Day Response Oral Rehydrant				
<b>Sample No:</b>	19D007334				
	Magnesium	0.2	0.33 %	Pass	
	Potassium	1	2.11 %	Pass	
	Sodium	4-5	5.54 %	Pass	
<b>Manufacturer:</b>	ADM Alliance Nutrition-Quincy				
<b>Product:</b>	Safeguard medicated, for Beef & D				
<b>Sample No:</b>	19D003136				
	Ash Total	15	13.21 %	Pass	
	Crude Fiber	30	28.40 %	Pass	
	Fenbendazole	0.5	0.47 %	Pass	
	Protein, Crude	15	15.10 %	Pass	
<b>Manufacturer:</b>	APC, Inc.				
<b>Product:</b>	LifeLine Nutrition Solutions				
<b>Sample No:</b>	19D009308				
	ADF	1.0	0.98 %	Pass	
	Calcium	0.1-0.6	0.14 %	Pass	
	Phosphorus	0.2	0.19 %	Pass	
	Potassium	0.3	0.42 %	Pass	
	Protein, Crude	40	45.45 %	Pass	
	Salt (Sodium x 2.54)	2.8-3.8	2.82 %	Pass	
	Sodium	1.0-1.5	1.11 %	Pass	
<b>Manufacturer:</b>	Aspen Veterinary Resources, I				
<b>Product:</b>	Anem-X				
<b>Sample No:</b>	19D003166				

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Mor-Max Goat Dewormer	Iron	100	91.60 mg/mL	Pass
<b>Sample No:</b> 19D003150				
	Calcium	2.8-3.3	3.68 %	Pass
	Crude Fiber	20	13.86 %	Pass
	Protein, Crude	12	14.20 %	Pass
<b>Product:</b> Poultry Vitamins & Electrolytes				
<b>Sample No:</b> 19D003138				
	Magnesium	0.1	0.08 %	Pass
	Potassium	1.5	17.99 %	Pass
	Sodium	0.5-10	7.74 %	Pass
	Vitamin A	2800000	3,213,392.92 IU/lb	Pass
	Vitamin E	18640	18,439.23 IU/lb	Pass
<b>Product:</b> TerraVet 200				
<b>Sample No:</b> 19D003164				
	Oxytetracycline	200	207.13 mg/ml	Pass
<b>Product:</b> Terra-Vet 200				
<b>Sample No:</b> 19D009561				
	Oxytetracycline	200	228.51 mg/ml	Pass
<b>Product:</b> Vita Ject				
<b>Sample No:</b> 19D003159				
	Vitamin A	500000	548,587.33 IU/ml	Pass
<b>Product:</b> Vita-Jec AD				
<b>Sample No:</b> 19D007322				
	Vitamin A	500000	525,010.63 IU/ml	Pass
<b>Manufacturer:</b> Bimeda-LeSueur				
<b>Product:</b> Bimectin Ivermectin paste 1.87%				
<b>Sample No:</b> 19D003530				
	Ivermectin	1.87	1.77 %	Pass
<b>Product:</b> Equimax				
<b>Sample No:</b> 19D003142				
	Ivermectin	1.87	1.91 %	Pass
	Praziquantel	14.03	13.43 %	Pass
<b>Manufacturer:</b> Boehringer Ingelheim Vetmedic				
<b>Product:</b> Bio-Mycin 200				
<b>Sample No:</b> 19D003165				

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Manufacturer:</b> Durvet, Inc -Blue Springs	Oxytetracycline	200	204.13 mg/ml	Pass
<b>Product:</b> Cal-Mag-Co Gel				
<b>Sample No:</b> 19D004163				
	Calcium	14.3-14.8	15.08 %	Pass
	Magnesium	0.33	1.66 %	Pass
	Potassium	0.1	0.15 %	Pass
<b>Product:</b> Duramycin 72-200				
<b>Sample No:</b> 19D008807				
	Oxytetracycline	200	230.68 mg/ml	Pass
<b>Product:</b> Durvet Ivermectin				
<b>Sample No:</b> 19D003529				
	Ivermectin	1.87	1.77 %	Pass
<b>Product:</b> Durvet Oral Cal MPX				
<b>Sample No:</b> 19D004120				
	Calcium	10.0	10.22 g	Pass
	Dextrose	75.0	89.90 g	Pass
	Magnesium	2.8	2.66 g	Pass
	Phosphorus	6.0	6.40 g	Pass
	Potassium	0.5	0.57 g	Pass
<b>Product:</b> Iron- 100				
<b>Sample No:</b> 19D008808				
	Iron	100	98.05 mg/mL	Pass
<b>Product:</b> Lamb & Kid				
<b>Sample No:</b> 19D003567				
	Crude Fat, Base Hydrolysis	33	41.72 %	Pass
	Vitamin A	10000	2,099.86 IU/lb	Deficient
	Vitamin E	55	94.98 IU/lb	Pass
<b>Manufacturer:</b> Fanam Horse Products				
<b>Product:</b> Farnam Apple Elite Paste Electrolyt				
<b>Sample No:</b> 19D003525				
	Calcium	0.50-0.60	0.57 %	Pass
	Magnesium	0.50	0.54 %	Pass
	Potassium	6.50	6.24 %	Pass
<b>Manufacturer:</b> Farnam				
<b>Product:</b> Farnam Ivercare (Ivermectin paste				

<u>Sample No:</u>	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
19D003527	Ivermectin	1.87	1.65 %	Pass
<b>Product:</b> Farnam OTC Jug				
19D003144	Ash, Total	28.00	22.28 %	Pass
	Calcium	0.50-0.70	0.91 %	Excessive
	Copper	350	426.00 ppm	Pass
	Iron	3500	3,232.00 ppm	Pass
	Magnesium	0.50	0.50 %	Pass
	Manganese	350	424.00 ppm	Pass
	Moisture (Loss on Drying)	50.00	46.14 %	Pass
	Phosphorus	0.40	0.94 %	Pass
	Potassium	1.40	1.76 %	Pass
	Protein, Crude	3.00	3.20 %	Pass
	Sodium	5.00-6.00	7.15 %	Pass
	Zinc	1000	1,004.00 ppm	Pass
<b>Manufacturer:</b> Huvepharma				
<b>Product:</b> CORID				
19D003135	Amprolium	20	23.61 %	Pass
<b>Product:</b> Corid (amprolium)				
19D007328	Amprolium	20	21.45 %	Pass
<b>Product:</b> Corid (amprolium) Liquid				
19D007329	Amprolium	9.6	10.55 %	Pass
<b>Product:</b> Corid Oral Solution				
19D003148	Amprolium	9.6	10.93 %	Pass
<b>Manufacturer:</b> Imu- Tek Animal Health Inc.				
<b>Product:</b> Bovine IgG Immu-Start 50				
19D009515	Crude Fiber	0.15-10	0.09 %	Pass
	Protein,Crude	11	35.17 %	Pass
	Vitamin A	94000	20,791.21 IU/lb	Deficient
	Vitamin E	1008	409.10 IU/lb	Deficient

<b>Product:</b>	<b>Analyte</b>	<b>Claim</b>	<b>Found Unit</b>	<b>Disposition</b>
<b>IMMU-START50</b>				
<b>Sample No:</b> 19D002902				
	Protein, Crude	11.0	35.56 %	<b>Pass</b>
	Vitamin E	1008	1,792.37 IU/lb	<b>Pass</b>
<b>Kick Start</b>				
<b>Sample No:</b> 19D002901				
	Ash, Total	12	7.99 %	<b>Pass</b>
	Calcium	0.75-1.25	0.68 %	<b>Pass</b>
	Crude Fat, Base Hydrolysis	15	15.18 %	<b>Pass</b>
	Phosphorus	0.55	0.52 %	<b>Pass</b>
	Potassium	0.5	1.77 %	<b>Pass</b>
	Protein, Crude	18	21.41 %	<b>Pass</b>
	Salt (Sodium x 2.54)	0.8-1.2	1.43 %	<b>Pass</b>
	Selenium	0.3	0.53 ppm	<b>Pass</b>
	Vitamin E	300	521.26 IU/lb	<b>Pass</b>
	Vitamin A	50000	56,668.30 IU/lb	<b>Pass</b>
<b>Sample No:</b> 19D009513				
	Ash Total	12	7.61 %	<b>Pass</b>
	Calcium	0.75-1.25	0.92 %	<b>Pass</b>
	Crude Fat, Base Hydrolysis	15	17.28 %	<b>Pass</b>
	Phosphorus	0.55	0.59 %	<b>Pass</b>
	Potassium	0.5	1.78 %	<b>Pass</b>
	Protein, Crude	18	21.81 %	<b>Pass</b>
	Salt (Sodium x 2.54)	0.8-1.2	1.43 %	<b>Pass</b>
	Selenium	0.3	0.70 ppm	<b>Pass</b>
	Vitamin A	50000	67,774.00 IU/lb	<b>Pass</b>
	Vitamin E	300	332.52 IU/lb	<b>Pass</b>
<b>Kick Start for Beef and Dairy Cattle</b>				
<b>Sample No:</b> 19D003151				
	Ash Total	12	8.06 %	<b>Pass</b>
	Calcium	0.75-1.25	0.94 %	<b>Pass</b>
	Crude Fat, Base Hydrolysis	15	16.52 %	<b>Pass</b>
	Phosphorus	0.55	0.53 %	<b>Pass</b>
	Potassium	0.5	1.74 %	<b>Pass</b>
	Protein, Crude	18	19.52 %	<b>Pass</b>
	Salt (Sodium x 2.54)	0.8-1.2	1.23 %	<b>Pass</b>

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Selenium	0.3	0.53	ppm	Pass
		Vitamin A	50000	77,120.15	IU/lb	Pass
		Vitamin E	300	356.63	IU/lb	Pass
<b>Manufacturer:</b>	<b>Intervet Inc.</b>					
<b>Product:</b>	Panacur (Fenbendazole)					
<b>Sample No:</b>	19D009558					
		Fenbendazole	10	10.56	%	Pass
<b>Product:</b>	Safe-guard (Fenbendazole) Equi-Bi					
<b>Sample No:</b>	19D009559					
		Calcium	6.0-7.2	5.94	%	Pass
		Crude Fiber	25.0	16.27	%	
		Crude Protein	12.5	14.73	%	
		Fenbendazole	5.0	4.37	g/kg	Pass
		Phosphorus	0.2	0.56	%	Pass
		Selenium	0.01	0.61	ppm	
<b>Product:</b>	Safe-guard Equine					
<b>Sample No:</b>	19D007315					
		Fenbendazole	10	10.48	%	Pass
<b>Product:</b>	Safe-guard for Goats					
<b>Sample No:</b>	19D007324					
		Fenbendazole	10	9.20	%	Pass
<b>Manufacturer:</b>	<b>Intervet/Merck Animal Health-S</b>					
<b>Product:</b>	Panacur					
<b>Sample No:</b>	19D003143					
		Fenbendazole	4	3.99	g/pouch	Pass
<b>Product:</b>	panacur (fenbendazole)					
<b>Sample No:</b>	19D003533					
		Fenbendazole	100	104.37	mg/g	Pass
<b>Product:</b>	Safe-Guard (fenbendazole) Deworn					
<b>Sample No:</b>	19D003532					
		Fenbendazole	100	105.18	mg/g	Pass
<b>Product:</b>	Safe-Guard Equi-bits					
<b>Sample No:</b>	19D003526					
		Calcium	6.0-7.2	6.72	%	Pass
		Crude Fiber	25.0	16.07	%	Pass
		Fenbendazole	0.5	0.50	%	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b> Safe-guard Equine				
<b>Sample No:</b> 19D003140				
	Fenbendazole	100	101.72 mg/g	Pass
<b>Manufacturer:</b> Invert, Inc.-Madison NJ				
<b>Product:</b> Safe-guard for Goats				
<b>Sample No:</b> 19D003141				
	Fenbendazole	100	87.78 mg/ml	Pass
<b>Manufacturer:</b> Manna Pro Products, LLC				
<b>Product:</b> Advance Rite Start Complete Colos				
<b>Sample No:</b> 19D008815				
	Calcium	0.5-1.0	0.93 %	Pass
	Crude Fat, Base Hydrolysis	6.0	5.71 %	
	Phosphorus	0.4	0.71 %	Pass
	Protein,Crude	42.0	58.74 %	Pass
<b>Product:</b> Bounce Back				
<b>Sample No:</b> 19D004131				
	Dextrose	50.00	66.50 %	Pass
	Potassium	1.50	1.37 %	Pass
	Sodium	5.50-6.60	5.29 %	Pass
<b>Product:</b> Bounce Back Electrolyte				
<b>Sample No:</b> 19D003154				
	Dextrose	50.00	61.80 %	Pass
	Glycine	3.00	3.03 %	Pass
	Potassium	1.50	1.64 %	Pass
	Sodium	5.50-6.60	6.41 %	Pass
<b>Product:</b> Colostrum Supplement				
<b>Sample No:</b> 19D004123				
	Calcium	1.00-1.50	1.23 %	Pass
	Crude Fat, Base Hydrolysis	20.00	22.26 %	Pass
	Phosphorus	0.70	0.69 %	Pass
	Protein, Crude	25.00	28.63 %	Pass
	Selenium	0.30	0.78 ppm	Pass
	Sodium	0.50-1.00	0.70 %	Pass



	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
<b>Product:</b>	Goat Electrolyte			
<b>Sample No:</b>	19D004124			
	Dextrose	55.00	62.40 %	Pass
	Potassium	2.00	1.78 %	Pass
	Sodium	5.50-6.60	5.27 %	Pass
	Vitamin A	20000	26,512.35 IU/lb	Pass
	Vitamin E	100	89.39 IU/lb	Pass
<b>Product:</b>	Kid Colostrum Supplement			
<b>Sample No:</b>	19D004122			
	Calcium	1.00-1.50	1.19 %	Pass
	Crude Fat, Base Hydrolysis	15.00	14.72 %	Pass
	Phosphorus	0.70	0.76 %	Pass
	Protein, Crude	30.00	30.86 %	Pass
	Selenium	0.3	1.20 ppm	Pass
	Sodium	0.50-1.00	0.60 %	Pass
	Vitamin A	30000	31,435.82 IU/lb	Pass
	Vitamin E	250	229.28 IU/lb	Pass
	Zinc	120	188.20 ppm	Pass
<b>Product:</b>	Manna Pro Bounce Back Multi-Spec			
<b>Sample No:</b>	19D009353			
	Dextrose	50.00	57.50 %	Pass
	Glycine	3.00	3.15 %	Pass
	Potassium	1.50	1.59 %	Pass
	Sodium	5.50-6.60	5.06 %	Pass
<b>Product:</b>	Unimilk			
<b>Sample No:</b>	19D009307			
	Calcium	1.00-1.50	0.83 %	Deficient
	Copper	15-20	18.85	Pass
	Crude Fat, Base Hydrolysis	20.00	18.63 %	
	Lysine	1.70	2.17 %	Pass
	Phosphorus	0.80	0.79 %	Pass
	Protein, Crude	22.00	25.56 %	Pass
	Selenium	0.30	0.83 ppm	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Sodium	0.70-1.20	0.72 %	Pass
	Vitamin A	30000	2,257.36 IU/lb	Deficient
	Vitamin E	115	115.37 IU/lb	Pass
	Zinc	80	82.55 ppm	Pass
<b>Manufacturer: Merck Animal Health - Summit</b>				
<b>Product: Safe-guard</b>				
<b>Sample No: 19D003161</b>				
	Fenbendazole	222	221.39 mg/g	Pass
<b>Manufacturer: Merial Limited</b>				
<b>Product: Zimecterin Gold</b>				
<b>Sample No: 19D003534</b>				
	Ivermectin	1.55	1.67 %	Pass
	Praziquantel	7.75	7.61 %	Pass
<b>Product: Zimecterin Ivermectin paste 1.87%</b>				
<b>Sample No: 19D003535</b>				
	Ivermectin	1.87	1.68 %	Pass
<b>Manufacturer: Merial, Inc.</b>				
<b>Product: Zimecterin Gold Horse Dewormer</b>				
<b>Sample No: 19D007317</b>				
	Ivermectin	1.55	1.46 %	Pass
	Praziquantel	7.75	7.83 %	Pass
<b>Manufacturer: Merrick's Animal Health LLC</b>				
<b>Product: Merrick's Blue Ribbon Calf Electroly</b>				
<b>Sample No: 19D007335</b>				
	Calcium	0.1-0.3	0.13 %	Pass
	Potassium	1.3	1.62 %	Pass
	Sodium	5.5-6.5	7.20 %	Pass
<b>Manufacturer: Milk Products LLC-Chilton</b>				
<b>Product: Electrolyte Plus</b>				
<b>Sample No: 19D009350</b>				
	Dextrose	50.00	73.80 %	Pass
	Glycine	2.50	2.56 %	Pass
	Potassium	0.32	0.45 %	Pass
	Salt (Sodium x 2.54)	7.00-8.40	7.94 %	Pass
	Sodium	3.00-4.00	3.13 %	Pass
<b>Product: Electrolytes Plus</b>				

Sample No:	Analyte	Claim	Found Unit	Disposition
19D009309	Dextrose	50.00	72.60 %	Pass
	Glycine	2.50	2.55 %	Pass
	Potassium	0.32	0.66 %	Pass
	Salt (Sodium x 2.54)	7.0-8.40	8.75 %	Pass
	Sodium	3.00-4.00	3.44 %	Pass
<b>Product:</b> TheraCaf Plus				
19D009352	Glycine	4.00	4.73 %	Pass
	Magnesium	0.04	0.05 %	Pass
	Potassium	1.50	1.71 %	Pass
	Protein, Crude	20	20.57 %	Pass
	Sodium	4.50-5.50	4.42 %	Pass
<b>Manufacturer:</b> Mills Fleet Farm				
<b>Product:</b> Calcium Plus Gel				
19D009310	Calcium	13.5-15.5	14.25 %	Pass
	Vitamin E	50	116.75 IU/lb	Pass
<b>Manufacturer:</b> Miltimin North America Inc.				
<b>Product:</b> Multimin				
19D003640	Copper	15	11.76 mg/ml	Pass
	Manganese	10	8.36 mg/ml	Pass
	Selenium	5	4.98 mg/ml	Pass
	Zinc	60	51.73 mg/ml	Pass
<b>Manufacturer:</b> MWI				
<b>Product:</b> Vitamin AD				
19D003641	Vitamin A	500000	442,696.00 IU/ml	Pass
<b>Manufacturer:</b> Neogen Corporation				
<b>Product:</b> Asprin USP				
19D004121	Acetylsalicylic acid	227		
<b>Product:</b> Ideal Vi-tal				
19D002900	Magnesium	1.0	0.86 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
		Potassium	10.0	10.13	%	Pass
		Sodium	22.0-26.0	25.72	%	Pass
		Vitamin E	2100	2,429.74	IU/lb	Pass
		Vitamin A	6900000	5,011,074.76	IU/lb	Pass
<b>Product:</b>	nfz puffer					
<b>Sample No:</b>	19D007320					
		Nitrofurazone	0.2	0.19	%	Pass
<b>Product:</b>	Vi-tal					
<b>Sample No:</b>	19D003137					
		Magnesium	1	0.94	%	Pass
		Potassium	10	11.68	%	Pass
		Sodium	22.0-26.0	23.93	%	Pass
		Vitamin A	6900000	7,594,293.70	IU/lb	Pass
		Vitamin E	2100	2,051.45	IU/lb	Pass
<b>Sample No:</b>	19D009514					
		Magnesium	1.0	0.88	%	Pass
		Potassium	10.0	9.88	%	Pass
		Salt (Sodium x 2.54)	45.0-50.0	50.58	%	Pass
		Sodium	22.0-26.0	19.91	%	Pass
		Vitamin A	6900000	4,259,028.35	IU/lb	Deficient
		Vitamin E	2100	1,935.02	IU/lb	Pass
<b>Manufacturer:</b>	ProLabs Ltd					
<b>Product:</b>	ProLabs Worm Protector 2X					
<b>Sample No:</b>	19D007323					
		Pyrantel pamoate	4.54	3.87	mg/ml	Pass
<b>Product:</b>	Worm Protector2X					
<b>Sample No:</b>	19D003163					
		Pyrantel pamoate	4.54	4.19	mg/ml	Pass
<b>Manufacturer:</b>	Ridley Specialty Products-Man					
<b>Product:</b>	Vitamins & Electrolytes					
<b>Sample No:</b>	19D004160					
		Potassium	2.0	2.15	%	Pass
		Sodium	32.0-37.0	34.07	%	Pass
		Vitamin A	5,000,000	5,318,036.66	IU/lb	Pass
		Vitamin E	2,000	2,016.11	IU/lb	Pass
		Vitamin E	2,000	920.99	IU/lb	

	<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
<b>Manufacturer: Roto Salt Company</b>					
<b>Product: Selenium Trace Mineral Block</b>					
<b>Sample No: 19D009311</b>					
	Calcium	0.12-0.40	0.17		<b>Pass</b>
	Cobalt	150	123.00		
	Copper	2500	2,222.00		<b>Pass</b>
	Manganese	4000	3,393.00		
	Salt (Sodium x 2.54)	96.5-98.5	97.79 %		<b>Pass</b>
	Selenium	20	14.75 ppm		
	Zinc	5000	3,836.20		<b>deficient</b>
	Zinc	5000	3,492.00		<b>Deficient</b>
<b>Manufacturer: Sergeants Pet Care Products</b>					
<b>Product: Sentry WormX</b>					
<b>Sample No: 19D003162</b>					
	Pyrantel pamoate	4.54	4.12 mg/ml		<b>Pass</b>
<b>Manufacturer: Tractor Supply Company- Bren</b>					
<b>Product: DuMor Multi-species Electrolyte Supp</b>					
<b>Sample No: 19D009351</b>					
	Dextrose	60.00	62.10 %		<b>Pass</b>
	Potassium	2.25	2.35 %		<b>Pass</b>
	Sodium	6.00-6.50	5.57 %		<b>Pass</b>
<b>Manufacturer: Vets Plus, Inc.</b>					
<b>Product: Probiotic Plus Paste</b>					
<b>Sample No: 19D003149</b>					
	Vitamin A	25000	23,996.89 IU/ml		<b>Pass</b>
	Vitamin E	20	33.25 IU/ml		<b>Pass</b>
<b>Sample No: 19D004162</b>					
	Vitamin A	25,000	20,551.50 IU/ml		<b>Pass</b>
	Vitamin E	20	20.49 IU/ml		<b>Pass</b>
<b>Manufacturer: Virbac AH Inc</b>					
<b>Product: Equimax</b>					
<b>Sample No: 19D003531</b>					
	Ivermectin	1.87	1.74 %		<b>Pass</b>
<b>Manufacturer: Zoetis Inc. - Kalamazoo</b>					
<b>Product: Entrolyte H.E.</b>					
<b>Sample No: 19D003139</b>					

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Calcium	0.1-0.6	0.23 %	Pass
	Magnesium	0.08	0.07 %	Pass
	Phosphorus	0.15	0.16 %	Pass
	Potassium	0.95	1.12 %	Pass
	Sodium	2.4-2.9	3.45 %	Pass
<b>Product:</b>	Liquamycin LA-200			
<b>Sample No:</b>	19D007321			
	Oxytetracycline	200	227.15 mg/ml	Pass
<b>Product:</b>	Re-Sorb			
<b>Sample No:</b>	19D003153			
	Glucose	44.0	44.80 g	Pass
	Potassium Citrate	0.12	0.16 %	Pass
	Potassium Phosphate	4.20	4.38 %	Pass
	Sodium Chloride	8.82	8.84 %	Pass
<b>Product:</b>	Re-sorb oral hydration, electrolyte p			
<b>Sample No:</b>	19D007333			
	Potassium Citrate	0.12	1.20 %	Pass
	Potassium Phosphate	4.20	3.96 %	Pass
	Sodium Chloride	8.82	9.39 %	Pass
<b>Product:</b>	Strongid			
<b>Sample No:</b>	19D003152			
	Pyrantel base	152.5424	162.15 mg/g	Pass
<b>Product:</b>	Strongid Horse Dewormer			
<b>Sample No:</b>	19D007316			
	Pyrantel base	15.3	15.40 %	Pass
<b>Product:</b>	Terramycin			
<b>Sample No:</b>	19D007314			
	Oxytetracycline	5	5.78 mg/gm	Pass
<b>Product:</b>	Terramycin Scours Tablets			
<b>Sample No:</b>	19D003160			
	Oxytetracycline	83	94.23 mg/g	Pass
<b>Sample No:</b>	19D007325			
	Oxytetracycline	83.333	97.06 mg/gm	Pass