

2021 ANNUAL REPORT
COMMERCIAL FEEDS & ANIMAL REMEDIES

January 1, 2021 through December 31, 2021

SECRETARY OF AGRICULTURE – Hunter Roberts

FEED & ANIMAL REMEDY PROGRAM

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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
2021 -- 3,650,615.8 TONS**

FORMULA FEED	TONS COMPLETE	TONS SUPPLEMENT	FEED INGREDIENTS	TONS
Starter-Grower	2607.4	342.1	Alfalfa Products	4649.3
Broiler	932.9	347.0	Animal Products	14678.7
Layer-Breeder	55669.6	438.0	Bakery Products	7867.3
Turkey	3633.2	3470.2	Barley Products	53.3
Beef	84661.8	255653.2	Beet Products	4591.4
Dairy	20334.3	75416.5	Brewery Products	3855.8
Swine	56770.6	24185.4	Citrus Products	8.0
Sheep	4257.4	5312.5	Corn Products	740391.2
Mineral		8205.9	Cottonseed Products	2603.5
Vitamins		4146.2	Distillers Products	1393734.1
Vitamins Minerals		5838.9	Drugs	2435.3
Calf Feeds	8285.7		Fats Oils Products	35207.3
Pet Foods	27482.1		Grain Sorghum Products	746.6
Horse Mule	6581.4		Lespedeza Products	13.4
Scratch	573.8		Linseed Flax Products	537.0
Liquid Feeds		89809.4	Marine Products	405.1
Mink Chinchilla	-1.0		Milk Products	6944.7
Silage Additive		114.0	Minerals	92558.6
Miscellaneous	9914.8	9572.1	Molasses	4948.6
TOTAL FORMULA FEED	281704.0	482851.2	Oat Products	3157.1
			Peanut Products	1.0
			Rice Products	255.5
			Rye Products	0.0
			Soybean Products	502832.8
			Urea	4816.7
			Vitamins	2704.1
			Wheat Products	30088.5
			Yeast Products	4073.5
			Miscellaneous	21902.5
			TOTAL INGREDIENTS	2886060.6



2021 Feed Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
ADF	%	23.00
Amprolium	%	8.00
Ash	%	2.00
Ash, Total	%	30.00
Bacitracin	g/ton	2.00
Calcium	%	247.00
Chlortetracycline	g/lb	2.00
Chlortetracycline	g/ton	2.00
Chlortetracycline (CTC)	g/ton	2.00
Cobalt	ppm	3.00
Copper	ppm	86.00
Crude Fat, Acid Hydrolysis	%	48.00
Crude Fat, Base Hydrolysis	%	2.00
Crude Fiber	%	219.00
Decoquinate	g/ton	4.00
Decoquinate	mg/lb	1.00
Equivalent Crude Protein	%	33.00
Fenbendazole	%	1.00
Free Fatty Acids	%	1.00
Iodine	%	2.00
Iodine	ppm	62.00
Iodine		1.00
Iron	ppm	1.00
Lab Moisture	%	4.00
Lasalocid	g/lb	1.00
Lasalocid	g/ton	20.00
Lysine	%	47.00

2021 Feed Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
Magnesium	%	72.00
Manganese	ppm	83.00
Methionine	%	31.00
Moisture (Loss on Drying)	%	66.00
Monensin	g/ton	36.00
Monensin	mg/lb	1.00
NDF	%	15.00
Nitrogen, Total-Combustion	%	1.00
Omega 3 Fatty Acids	%	10.00
Omega-3 Fatty Acids	%	4.00
Omega 6 Fatty Acids	%	8.00
Omega-6 Fatty Acids	%	5.00
Partial Moisture	%	1.00
Phenylalanine	%	1.00
Phosphorus	%	225.00
Phosphorus	ppm	2.00
Potassium	%	111.00
Protein, Crude	%	273.00
Salt (Sodium x 2.54)	%	190.00
Selenium	ppm	126.00
Sodium	%	18.00
Sulfur	%	20.00
Sulfur, Feed-Grav	%	1.00
Taurine	%	10.00
Total Dry Matter	%	8.00
Total Fatty Acids	%	1.00
Total Moisture	%	13.00
Total Sugars (Invert)	%	15.00
Tylosin	g/ton	2.00
Vitamin A	IU/kg	3.00
Vitamin A	IU/lb	190.00
Vitamin D3	IU/lb	2.00
Vitamin E	IU/lb	61.00
Zinc	%	4.00

2021 Feed Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
Zinc	ppm	117.00
Total Feed Analyses:		<hr/> 2,580.00



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
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2021 Feed Manufacturer Sample Totals

Manufacturer:

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>
	11.00	1.00	0.00	0.00	12	1
AGP Ag Processing-Omaha, NE	Omaha		NE			
	<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
AGP Dawson	Dawson		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	1
AHC Products, Inc.	Winchester		KY			
	<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
Ajinomoto Hartland, Inc.	Eddyville		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>
	2.00	0.00	0.00	0.00	2	1
Anther King Trophy Products, Inc	Upper Sandusky		OH			
	<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	0.00	9	1
Archer Daniels Midland	Enderlin		ND			
	<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
Baber's Vis-Vita Sales	Sioux City		IA			

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	2
Big Gain Inc.	Mankato		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>
	18.00	1.00	0.00	0.00	19	2
Big Heart Pet Brands	San Francisco		CA			
	<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
Biozyme Incorporated	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>
	12.00	0.00	0.00	0.00	12	1
Blue Buffalo Company	Wilton		CT			
	<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	1.00	0.00	0.00	11	4
Bomgaars-Sioux City-Hamilton Blvd	Sioux City		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>
	11.00	1.00	0.00	0.00	12	1
C&S Products Co, Inc	Fort Dodge		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>
	3.00	0.00	0.00	0.00	3	1
Canidae Corporation	Norco		CA			
	<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
Cargill-Minneapolis	Minneapolis		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>
	1.00	1.00	0.00	0.00	2	1
CBH Coop- Belle Fourche	Belle Fourche		SD			
	<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	1.00	2	2
Central Bi-Products-Redwood Falls	Redwood Falls		MN			

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	1.00	0.00	0.00	3	1
Central Farmers Coop-Montrose	Montrose		SD			
	<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	2
Central Valley Ag-York	York		NE			
	<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
CHS Inc-Brandon	Brandon		SD			
	<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
CHS inc-Fairmont	Fairmont		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	1
CHS Nutrition-Sioux Falls	Sioux Falls		SD			
	<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>
	195.00	17.00	0.00	0.00	212	22
CHS-Brandon	Brandon		SD			
	<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>
	0.00	0.00	0.00	5.00	5	1
CHS-Grandin	Grandin		ND			
	<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
CHS-Inver Grove Heights	Inver Grove Heights		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>
	7.00	0.00	0.00	0.00	7	2
CHS-Sioux Falls-Ellis Rd	Sioux Falls		SD			
	<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>
	351.00	12.00	0.00	0.00	363	40
Consumers Supply	North Sioux City		SD			

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>
	9.00	0.00	0.00	0.00	9	2
Consumers Supply Distributing	North Sioux City		SD			
	<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	1.00	0.00	0.00	18	3
Coop Office Serfin Pena	Monterrey NL		Mexico			
	<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
Country Vet Pet Foods	North Sioux City		SD			
	<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>
	25.00	2.00	0.00	0.00	27	4
Dakota Blenders	Mitchell		SD			
	<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>
	31.00	1.00	0.00	0.00	32	4
Dakotaland Feed-Cavour	Cavour		SD			
	<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	8.00	10	1
Dakotaland Feeds-Huron	Huron		SD			
	<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
Daves Pet Food	Agawam		MA			
	<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
Dehy Alfalfa Mills	Arlington		NE			
	<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
EuroChem North America Corp	Tulsa		OK			
	<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
Evolved	New Roads		LA			

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>
	10.00	1.00	0.00	0.00	11	1
Famo Feeds, Inc	Freeport		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>
	1.00	0.00	0.00	0.00	1	1
Farnam Horse Products	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>
	33.00	1.00	0.00	0.00	34	3
Form-A-Feed, Inc	Stewart		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>
	18.00	6.00	0.00	0.00	24	3
Frontier Mills Inc-Yankton	Yankton		SD			
	<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>
	40.00	3.00	0.00	0.00	43	6
Furst-McNess Company	Freeport		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>
	13.00	2.00	0.00	0.00	15	2
Glacial Lakes Energy, LLC- Watertown	Watertown		SD			
	<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
GPS Dairy Consulting-WI	Verona		WI			
	<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	1.00	0.00	0.00	8	2
Green Meadows-Gayville	Gayville		SD			
	<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
Hill's Pet Nutrition-Topeka	Topeka		KS			
	<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	2
Hubbard Feeds - Mankato	Mankato		MN			

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>
	220.00	5.00	0.00	0.00	225	31
Huvepharma, Inc	St Louis		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
ILC Resources	Urbandale		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>
	1.00	0.00	0.00	0.00	1	1
J&R Feeds Distributing Inc.	Lake Norden		SD			
	<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>
	86.00	10.00	0.00	0.00	96	9
Kaytee Products Inc.-Chilton	Chilton		WI			
	<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	5
Kent Nutrition Group, Inc-Muscatine	Muscatine		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>
	105.00	2.00	0.00	3.00	110	12
Lesaffre Yeast Coop	Milwaukee		WI			
	<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
Manna Pro Products, LLC	St. Louis		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>
	33.00	0.00	0.00	0.00	33	5
Mars Petcare US	Franklin		TN			
	<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
McFleeg Feeds	Watertown		SD			
	<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>
	42.00	1.00	0.00	0.00	43	8
Merrick Pet Care, Inc	Amarillo		TX			

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
Midstates Distributings	Fort Worth		TX			
	<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	2.00	0.00	0.00	22	3
Midwest Ag Supplement	Marshall		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>
	44.00	6.00	0.00	0.00	50	5
Milk Products LLC-Chilton	Chilton		WI			
	<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	1.00	0.00	0.00	5	1
Millbrook Feeds LLC-Mitchell	Mitchell		SD			
	<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	10.00	0.00	5.00	49	7
Muggli Bros Inc	Miles City		MT			
	<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	1.00	0.00	0.00	4	2
Nestle Purina Petcare Company	St. Louis		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>
	3.00	0.00	0.00	0.00	3	1
New Generation Feeds	Belle Fourche		SD			
	<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>
	41.00	1.00	0.00	0.00	42	4
North Dakota Mill-Grand Forks	Grand Forks		ND			
	<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
Pellet Technology, USA - York	York		NE			
	<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
PMI Nutrition, LLC	Arden Hills		MN			

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>
	19.00	0.00	0.00	0.00	19	2
Poet Nutrition, LLC - Sioux Falls	Sioux Falls		SD			
	<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>
	42.00	1.00	0.00	3.00	46	11
Pro Earth Animal Health	Aurora		SD			
	<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	3.00	0.00	0.00	16	3
Purina Animal Nutrition LLC - Arden Hills	Arden Hills		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>
	275.00	17.00	0.00	11.00	303	34
Purina Animal Nutrition LLC - Shoreview	Shoreview		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>
	19.00	4.00	0.00	0.00	23	2
Purina Mills - St. Louis	St. Louis		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>
	2.00	0.00	0.00	0.00	2	1
Quality Liquid Feeds Inc.	Dodgeville		WI			
	<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>
	44.00	2.00	0.00	7.00	53	7
Ralco Nutrition, Inc.	Marshall		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>
	9.00	0.00	0.00	0.00	9	1
Red River Commodities	Fargo		ND			
	<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
Ridley Block Operations	Whitewood		SD			
	<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>
	35.00	1.00	0.00	0.00	36	3
Ridley Specialty Products	Mendota		IL			

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
Ridley Specialty Products-Mankato	Mankato		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>
	4.00	0.00	0.00	0.00	4	1
Ringneck Energy LLC	Onida		SD			
	<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
RPMG Inc.	Shakopee		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>
	4.00	0.00	0.00	0.00	4	1
SDSP-Volga	Volga		SD			
	<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
Sioux Nation Ag- Sioux Falls	Sioux Falls		SD			
	<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	5.00	0.00	1.00	29	3
South Dakota Soybean Processor,LLC	Volga		SD			
	<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
Standlee Hay Company	Eden		ID			
	<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>
	32.00	1.00	0.00	0.00	33	6
Taste of The Wild	Meta		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>
	2.00	0.00	0.00	0.00	2	1
Tractor Supply Co - Virginia Way Brentwood	Brentwood		TN			
	<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>
	36.00	0.00	0.00	0.00	36	8
Tuffy's Pet Foods, Inc.	Perham		MN			

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	0.00	0.00	0.00	8	2
Tuffy's Pet Treats	Delano		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>
	4.00	0.00	0.00	0.00	4	1
Valero	SanAntonio		TX			
	<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
Valero Marketing and Supply Co.	San Antonio		TX			
	<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
Wolf Creek	Olivet		SD			
	<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
Woodys Feed & Grain-Dickinson	Dickinson		ND			
	<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	1.00	0.00	0.00	7	1
Yaggies Inc.-Yankton	Yankton		SD			
	<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	2
Zoetis Inc. - Kalamazoo	Kalamazoo		MI			
	<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
Report Totals:	2,253.00	131.00	0.00	44.00	2,428	338
Report Averages:	0.93	0.05	0.00	0.02		



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
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2021 Feed Individual Samples

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manufacturer: ADM Alliance Nutrition-Quincy					
Product: MoorMans 646 Mineral					
Sample No:	21F010965				
	Calcium	15.5-18.6	20.18 %	Pass	
	Cobalt	300	249.00 ppm	Pass	
	Copper	2000	1,564.00 ppm	Pass	
	Iodine	150	88.00 ppm	Deficient	
	Magnesium	2.0	1.84 %	Pass	
	Manganese	6000	5,112.00 ppm	Pass	
	Phosphorus	8.0	8.19 %	Pass	
	Salt (Sodium x 2.54)	12.75-15.3	11.94 %	Pass	
	Selenium	39	30.19 ppm	Pass	
	Vitamin E	300	214.50 IU/lb	Pass	
	Zinc	8000	6,771.00 ppm	Pass	
	Vitamin A	200000	164,034.00 IU/lb	Pass	
Manufacturer: AGP Ag Processing-Omaha, NI					
Product: High Protein Soybean Meal					
Sample No:	21F010970				
	Ash, Total	8.0	6.22 %	Pass	
	Crude Fiber	4.1	4.07 %	Pass	
	Protein, Crude	46.0	46.53 %	Pass	
Manufacturer: AGP Dawson					
Product: Soybean Meal					
Sample No:	21F004207				
	Ash, Total	8.0	6.51 %	Pass	
	Crude Fiber	4.0	3.61 %	Pass	

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manufacturer: AHC Products, Inc.		Protein, Crude	46.0	46.32 %	Pass
Product: AniMed Pure Brewers Yeast					
Sample No: 21F000219					
		Calcium	0.25-0.75	0.24 %	Pass
		Crude Fiber	10	5.17 %	Pass
		Lysine	1.98	2.41 %	Pass
		Methionine	0.67	0.64 %	Pass
		Phosphorus	0.65	0.76 %	Pass
		Protein, Crude	35	44.94 %	Pass
		Total Moisture	8.5	4.63 %	Pass
Manufacturer: Ajinomoto Hartland, Inc.					
Product: AjiPro-L					
Sample No: 21F002234					
		Lysine	38	40.28 %	Pass
		Total Moisture	5	2.69 %	Pass
Manufacturer: Anther King Trophy Products, Inc.					
Product: Energy Plus Wildlife Block Deer & Wildlife					
Sample No: 21F012659					
		Vitamin A	30000	3,290.40 IU/lb	Deficient
		Calcium	2.00-2.50	2.44 %	Pass
		Crude Fiber	10.00	6.42 %	Pass
		Manganese	365	396.15 ppm	Pass
		Phosphorus	0.75	0.75 ppm	Pass
		Protein, Crude	16.00	21.09 %	Pass
		Salt (Sodium x 2.54)	1.90-2.40	2.59 %	Pass
		Selenium	3	3.06 ppm	Pass
		Zinc	270	235.16 ppm	Pass
Manufacturer: Archer Daniels Midland					
Product: 35% Sunflower Meal					
Sample No: 21F003793					
		Ash, Total	8.0	6.36 %	Pass
		Crude Fiber	24.0	21.97 %	Pass
		Protein, Crude	35.0	30.93 %	Deficient
Manufacturer: Baber's Vis-Vita Sales					
Product: 85% Blood Meal					

Sample No:	Analyte	Claim	Found Unit	Disposition
21F004205	Protein, Crude	85.0	91.50 %	Pass
Product: Potassium Chloride				
21F002021	Potassium	50	49.30 %	Pass
Manufacturer: Big Gain Inc.				
Product: Big Gain 16% Complete Goat RU F				
21F010295	ADF	16.00	13.80 %	Pass
	Calcium	1.50-2.00	1.95 %	Pass
	Crude Fiber	13.00	11.72 %	Pass
	Equivalent Crude Protein	1.5	1.20 %	Pass
	Magnesium	0.25	0.36 %	Pass
	Monensin	20	21.41 g/ton	Pass
	Phosphorus	0.45	0.48 %	Pass
	Protein, Crude	16.00	16.09 %	Pass
	Salt (Sodium x 2.54)	1.00-1.50	1.28 %	Pass
	Selenium	0.30	0.74 ppm	Pass
	Vitamin A	6660	8,671.00 IU/lb	Pass
Product: Big Gain EWE Supplement / concer				
21F010294	ADF	9.00	6.00 %	Pass
	Calcium	2.00-2.50	1.86 %	Pass
	Crude Fiber	6.00	4.92 %	Pass
	Phosphorus	0.75	0.76 %	Pass
	Protein, Crude	37.00	36.46 %	Pass
	Salt (Sodium x 2.54)	2.00-2.50	2.18 %	Pass
	Selenium	1.25	2.15 ppm	Pass
	Vitamin A	15000	9,722.44 IU/lb	Deficient
Manufacturer: Big Heart Pet Brands				
Product: Meow Mix Irresistibles				
21F012609	Crude Fat, Acid Hydrolysis	8	11.62 %	Pass
	Moisture (Loss on Drying)	30	27.55 %	Pass
	Protein, Crude	24	27.19 %	Pass
Manufacturer: Biozyme Incorporated				

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Vitaferm Concept Aid 5/S				
Sample No: 21F011763				
	Calcium	10.0-12.0	11.40 %	Pass
	Copper	2500	2,345.00 ppm	Pass
	Iodine	200	177.00 ppm	Pass
	Magnesium	3.0	3.10 %	Pass
	Manganese	3750	2,980.00 ppm	Pass
	Phosphorus	5.0	5.17 %	Pass
	Potassium	2.0	2.09 %	Pass
	Salt (Sodium x 2.54)	15.0-18.0	15.60 %	Pass
	Selenium	26.0-26.4	21.11 ppm	Pass
	Vitamin E	800	572.20 IU/lb	Pass
	Zinc	5000	5,134.00 ppm	Pass
	Vitamin A	400000	365,686.00 IU/lb	Pass
Manufacturer: Blue Buffalo Company				
Product: Blue Diamond Tastefuls Chicken En				
Sample No: 21F012637				
	Moisture (Loss on Drying)	82	77.24 %	Pass
	Protein, Crude	9.0	11.61 %	Pass
	Taurine	0.10	0.12 %	Pass
Product: Blue Homestyle Recipe Fish & Swe				
Sample No: 21F012630				
	Moisture (Loss on Drying)	78.0	73.99 %	Pass
	Protein, Crude	8.0	8.96 %	Pass
Product: Blue Wilderness Beef & Chicken Gr				
Sample No: 21F012634				
	Crude Fat, Acid Hydrolysis	9.0	13.89 %	Pass
	Moisture (Loss on Drying)	78.0	73.51 %	Pass
	Protein, Crude	10.0	9.32 %	Deficient
Product: Blue Wilderness Turkey & Chicken (
Sample No: 21F012631				
	Crude Fat, Acid Hydrolysis	9.0	8.64 %	Pass
	Moisture (Loss on Drying)	78.0	77.60 %	Pass
	Protein, Crude	10.0	9.67 %	Pass
Manufacturer: Bomgaars-Sioux City-Hamilton				
Product: Horse 20% Block				

Sample No:	Analyte	Claim	Found Unit	Disposition
21F012620	Vitamin A	50000	78,751.74 IU/lb	Pass
	Calcium	3.25-3.75	4.42 %	Excessive
	Copper	50	103.57 ppm	Pass
	Crude Fiber	5.0	4.09 %	Pass
	Iodine	11	11.90 ppm	Pass
	Magnesium	0.5	0.88 %	Pass
	Manganese	200	419.54 ppm	Pass
	Phosphorus	2.0	2.24 %	Pass
	Protein, Crude	20.0	19.67 %	Pass
	Salt (Sodium x 2.54)	19.0-22.8	23.18 %	Pass
	Selenium	3.4	3.49 ppm	Pass
	Zinc	200	372.69 ppm	Pass
Manufacturer: C&S Products Co, Inc				
Product: Peanut Suet Nuggets				
Sample No:	21F012635			
	Crude Fat, Acid Hydrolysis	26	25.71 %	Pass
	Crude Fiber	4	1.67 %	Pass
	Protein, Crude	7	11.05 %	Pass
Manufacturer: Canidae Corporation				
Product: Canidae All Life Stages Chicken & F				
Sample No:	21F012646			
	Crude Fat, Acid Hydrolysis	6.50	10.16 %	Pass
	Moisture (Loss on Drying)	78.00	74.89 %	Pass
	Omega 3 Fatty Acids	0.20	0.21 %	Pass
	Omega 6 Fatty Acids	1.00	2.79 %	Pass
	Protein, Crude	9.00	10.29 %	Pass
Manufacturer: Cargill-Minneapolis				
Product: Soybean Meal				
Sample No:	21F010818			
	Crude Fiber	3.8	5.42 %	Excessive
	Protein, Crude	46.0	44.92 %	Pass
Manufacturer: CBH Coop- Belle Fourche				
Product: 60/40 Cracked Corn/Corn Distillers				
Sample No:	21F001655			
	Protein, Crude	17	%	

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Custom Mix 30-12 R125 Medicated				
Sample No: 21F001592				
	Monensin	25	20.97 g/ton	Pass
Manufacturer: Central Bi-Products-Redwood				
Product: Hydrolyzed Poultry Feathers				
Sample No: 21F003796				
	Ash, Total	6.00	3.64 %	Pass
	Crude Fiber	4.00	4.08 %	Pass
	Protein, Crude	80.00	65.72 %	Deficient
Manufacturer: Central Farmers Coop-Montros				
Product: CFC Chicken Layer/ complete grou				
Sample No: 21F010292				
	Calcium	3.90-4.65	4.24 %	Pass
	Crude Fiber	3.00	2.70 %	Pass
	Lysine	0.85	0.90 %	Pass
	Methionine	0.42	0.46 %	Pass
	Phosphorus	0.60	0.55 %	Pass
	Protein, Crude	16.00	15.58 %	Pass
	Salt (Sodium x 2.54)	0.30-0.70	0.57 %	Pass
	Selenium	0.30	0.91 ppm	Pass
	Zinc	135	259.38 ppm	Pass
Product: CFC N2 Starter / swine starter pelle				
Sample No: 21F010296				
	Calcium	0.40-0.90	0.79 %	Pass
	Crude Fiber	3.0	2.71 %	Pass
	Lysine	1.5	1.49 %	Pass
	Phosphorus	0.59	0.62 %	Pass
	Protein, Crude	19.1	20.66 %	Pass
	Salt (Sodium x 2.54)	0.30-0.80	0.69 %	Pass
	Zinc	3000	3,199.76 ppm	Pass
Manufacturer: Central Valley Ag-York				
Product: 23% DDG Cake				
Sample No: 21F010574				
	Calcium	2.50-3.00	2.76 %	Pass
	Crude Fiber	15.00	8.40 %	Pass
	Phosphorus	0.50	0.75 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Potassium	1.00	1.32 %	Pass
Protein, Crude	23.00	26.61 %	Pass
Salt (Sodium x 2.54)	2.20-2.60	2.73 %	Pass

Manufacturer: CHS Inc-Brandon
Product: 12-6 Cattle Mineral

Sample No: 21F002748

Calcium	12.0-14.0	13.07 %	Pass
Copper	2200	1,981.20 ppm	Pass
Iodine	300	371.00 ppm	Pass
Magnesium	2.75	3.04 %	Pass
Manganese	3400	3,447.00 ppm	Pass
Phosphorus	6.0	5.82 %	Pass
Salt (Sodium x 2.54)	17.5-21.0	21.83 %	Pass
Vitamin E	250	178.82 IU/lb	Pass
Zinc	7500	8,408.30 ppm	Pass
Vitamin A	250000	218,940.00 IU/lb	Pass

Product: Triple 12 Cattle Mineral

Sample No: 21F002747

Calcium	12.0-14.0	13.20 %	Pass
Copper	2200	2,233.00 ppm	Pass
Iodine	300	365.00 ppm	Pass
Magnesium	2.75	3.15 %	Pass
Manganese	3400	4,006.90 ppm	Pass
Phosphorus	12.0	11.50 %	Pass
Salt (Sodium x 2.54)	12.0-14.0	12.59 %	Pass
Vitamin E	250	201.09 IU/lb	Pass
Zinc	7500	7,007.50 ppm	Pass
Vitamin A	250000	302,120.00 IU/lb	Pass

Manufacturer: CHS inc-Fairmont
Product: Ground Soybean Hulls

Sample No: 21F010666

Crude Fiber	40	38.88 %	Pass
Moisture (Loss on Drying)	12	5.71 %	Pass
Protein, Crude	9	10.99 %	Pass

Manufacturer: CHS Nutrition-Sioux Falls
Product: 12-6 Cattle Mineral

Sample No:		Analyte	Claim	Found Unit	Disposition
	21F010576	Calcium	12.0-14.0	12.02 %	Pass
		Copper	2200	2,352.35 ppm	Pass
		Iodine	300	352.00 ppm	Pass
		Magnesium	2.75	2.77 %	Pass
		Manganese	3400	3,344.88 ppm	Pass
		Phosphorus	6.0	5.79 %	Pass
		Salt (Sodium x 2.54)	17.5-21.0	18.53 %	Pass
		Vitamin E	250	110.00 IU/lb	Deficient
		Zinc	7500	7,615.96 ppm	Pass
		Vitamin A	250000	182,241.00 IU/lb	Pass
Product:	12-6+ Cattle Mineral Integral A+				
Sample No:	21F003827				
		Calcium	12.0-14.0	13.90 %	Pass
		Copper	2200	314.10 ppm	Deficient
		Iodine	300	23.70 ppm	Deficient
		Magnesium	2.75	6.22 %	Pass
		Manganese	3400	559.46 ppm	Deficient
		Phosphorus	6.0	5.91 %	Pass
		Salt (Sodium x 2.54)	17.5-21.0	20.51 %	Pass
		Selenium	26	31.22 ppm	Pass
		Vitamin E	250	242.70 IU/lb	Pass
		Zinc	7500	1,269.87 ppm	Deficient
		Vitamin A	250000	229,680.00 IU/lb	Pass
Product:	15-10 Cattle Mineral				
Sample No:	21F003831				
		Calcium	15.0-17.0	16.30 %	Pass
		Copper	900	585.20 ppm	Deficient
		Iodine	115	53.50 ppm	Deficient
		Magnesium	3.0	2.67 %	Pass
		Manganese	1500	883.80 ppm	Deficient
		Phosphorus	10.0	9.26 %	Pass
		Salt (Sodium x 2.54)	3.15-4.15	3.19 %	Pass
		Zinc	3000	1,841.70 ppm	Deficient
Product:	Beef Balancer R1200				
Sample No:	21F003826				

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Calcium	8.0-9.0	7.42	%	Pass
Copper	600	454.91	ppm	Pass
Crude Fiber	11.0	7.93	%	Pass
Iodine	110	125.00	ppm	Pass
Manganese	875	704.16	ppm	Pass
Monensin	1200	978.50	g/ton	Pass
Phosphorus	0.4	0.54	%	Pass
Potassium	0.6	0.94	%	Pass
Protein, Crude	8.0	12.93	%	Pass
Salt (Sodium x 2.54)	5.0-6.0	4.64	%	Pass
Selenium	8.6	10.08	ppm	Pass
Zinc	2400	2,424.33	ppm	Pass
Vitamin A	80000	81,466.00	IU/lb	Pass

Product: Beef Finisher 40-20 R500

Sample No: 21F003813

Calcium	8.0-9.0	7.14	%	Pass
Crude Fiber	15.0	6.55	%	Pass
Equivalent Crude Protein	20.0	19.10	%	Pass
Monensin	500	8.72	g/ton	Deficient
Phosphorus	0.3	0.59	%	Pass
Potassium	2.5	2.22	%	Pass
Protein, Crude	40.0	39.75	%	Pass
Salt (Sodium x 2.54)	3.5-4.5	4.20	%	Pass
Selenium	4.0	3.14	ppm	Pass
Vitamin A	40000	30,798.00	IU/lb	Pass

Product: Beef Grower 38-13 R400

Sample No: 21F003821

Calcium	5.0-6.0	3.25	%	Deficient
Crude Fiber	15.0	8.86	%	Pass
Monensin	400	360.83	g/ton	Pass
Phosphorus	0.3	0.65	%	Pass
Potassium	0.75	2.79	%	Pass
Salt (Sodium x 2.54)	3.5-4.5	3.63	%	Pass
Selenium	4.0	5.50	ppm	Pass
Vitamin A	40,000	41,845.00	IU/lb	Pass

Product: Beef Mix 1.0

Sample No:	Analyte	Claim	Found Unit	Disposition
21F010961	Calcium	3.0-4.0	3.92 %	Pass
	Crude Fiber	12.0	8.22 %	Pass
	Phosphorus	0.35	0.77 %	Pass
	Protein, Crude	10.0	14.67 %	Pass
	Salt (Sodium x 2.54)	1.0-1.5	1.17 %	Pass
Product: CMA 12-8-3 Mineral R1640				
21F010957	Calcium	12.0-14.0	11.71 %	Pass
	Copper	2500	2,681.00 ppm	Pass
	Iodine	300	288.00 ppm	Pass
	Magnesium	2.75	2.66 %	Pass
	Manganese	3500	2,953.00 ppm	Pass
	Monensin	1640	1,523.48 g/ton	Pass
	Phosphorus	8.0	7.35 %	Pass
	Salt (Sodium x 2.54)	3.0-4.0	3.79 %	Pass
	Selenium	36.0	37.45 ppm	Pass
	Vitamin E	500	401.00 IU/lb	Pass
	Zinc	7500	7,800.00 ppm	Pass
	Vitamin A	300000	329,476.00 IU/lb	Pass
Product: Distiller's Pro 28-15 R700 Beef feed				
21F010575	Calcium	12.0-13.0	11.37 %	Pass
	Crude Fiber	8.0	7.29 %	Pass
	Equivalent Crude Protein	15.0	13.80 %	Pass
	Magnesium	0.35	0.54 %	Pass
	Monensin	700	557.02 g/ton	Pass
	Phosphorus	0.25	0.51 %	Pass
	Potassium	0.4	0.67 %	Pass
	Protein, Crude	28.0	28.22 %	Pass
	Salt (Sodium x 2.54)	4.5-5.0	4.44 %	Pass
	Selenium	6.0	6.89 ppm	Pass
	Vitamin A	45000	4,560.93 IU/lb	Deficient
Product: Distillers Pro Balancer R1500				
21F010956	Calcium	26.0-28.0	27.56 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Copper	900	888.10 ppm	Pass
Iodine	60	64.20 ppm	Pass
Manganese	1200	1,070.00 ppm	Pass
Monensin	1500	1,350.36 g/ton	Pass
Potassium	0.1	0.10 %	Pass
Salt (Sodium x 2.54)	13.0-15.5	11.75 %	Pass
Selenium	8.0	8.72 ppm	Pass
Vitamin E	250	223.60 IU/lb	Pass
Zinc	3200	3,155.00 ppm	Pass
Vitamin A	100000	89,372.00 IU/lb	Pass

Product: Distiller's Pro Balancer R1500

Sample No: 21F002240

Calcium	26.0-28.0	26.47 %	Pass
Copper	900	783.60 ppm	Pass
Iodine	60	61.50 ppm	Pass
Manganese	1200	1,359.90 ppm	Pass
Monensin	1500	1,217.10 g/ton	Pass
Potassium	0.1	0.10 %	Pass
Salt (Sodium x 2.54)	13.0-15.5	13.68 %	Pass
Selenium	8.0	7.76 ppm	Pass
Vitamin E	250	209.78 IU/lb	Pass
Zinc	3200	3,251.99 ppm	Pass
Vitamin A	100000	101,870.00 IU/lb	Pass

Product: Grolean Concentrate

Sample No: 21F003814

Calcium	2.75-3.75	3.79 %	Pass
Crude Fiber	5.0	3.78 %	Pass
Lysine	2.7	2.47 %	Pass
Phosphorus	1.2	1.33 %	Pass
Protein, Crude	40.0	39.63 %	Pass
Salt (Sodium x 2.54)	1.25-1.75	1.92 %	Pass
Selenium	1.2	2.47 ppm	Pass
Zinc	550	733.19 ppm	Pass

Product: Head Start R30

Sample No: 21F003830

Calcium	0.5-1.0	0.92 %	Pass
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<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Crude Fiber	22.0	19.23	%	Pass
Monensin	30	32.80	g/ton	Pass
Phosphorus	0.4	0.57	%	Pass
Potassium	1.1	1.38	%	Pass
Protein, Crude	13.0	13.47	%	Pass
Salt (Sodium x 2.54)	0.5-1.0	0.62	%	Pass
Vitamin A	6600	8,393.00	IU/lb	Pass

Product: Kountry Buffet 14% Text

Sample No: 21F003825

Calcium	0.5-1.0	0.99	%	Pass
Crude Fiber	12.0	12.67	%	Pass
Magnesium	0.15	0.30	%	Pass
Phosphorus	0.4	0.57	%	Pass
Potassium	0.5	1.66	%	Pass
Protein, Crude	14.0	13.95	%	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.50	%	Pass
Selenium	0.3	1.05	ppm	Pass
Zinc	200	224.45	ppm	Pass
Vitamin A	4500	4,849.60	IU/lb	Pass

Product: Lamb Creep B90

Sample No: 21F003817

Calcium	1.0-1.5	1.23	%	Pass
Crude Fiber	14.0	13.89	%	Pass
Equivalent Crude Protein	1.5	1.20	%	Pass
Lasalocid	90	80.13	g/ton	Pass
Phosphorus	0.5	0.71	%	Pass
Protein, Crude	15.0	16.63	%	Pass
Salt (Sodium x 2.54)	0.5-1.0	1.09	%	Pass
Vitamin A	8000	2,502.75	IU/lb	Deficient

Product: Midwest COOP 12-6 Cattle Mineral

Sample No: 21F009993

Calcium	12.0	13.13	%	Pass
Copper	3500	3,170.14	ppm	Pass
Magnesium	2.75	2.53	%	Pass
Manganese	3400	3,348.67	ppm	Pass
Phosphorus	6.0	5.62	%	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Salt (Sodium x 2.54)	18.0	17.70	%	Pass
Vitamin E	250	179.70	IU/lb	Pass
Zinc	8000	7,837.40	ppm	Pass
Vitamin A	250000	239,052.00	IU/lb	Pass

Product: Payback Chick Grower A/B

Sample No: 21F003819

Amprolium	0.0125	0.01	%	Deficient
Bacitracin	30	21.96	g/ton	Pass
Calcium	0.75-1.25	0.98	%	Pass
Crude Fiber	5.0	3.71	%	Pass
Lysine	0.9	0.95	%	Pass
Methionine	0.4	0.43	%	Pass
Phosphorus	0.55	0.58	%	Pass
Protein, Crude	18.0	19.04	%	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.54	%	Pass

Product: Payback Chick Starter A/B

Sample No: 21F003818

Amprolium	0.0125	0.01	%	Deficient
Bacitracin	30	34.58	g/ton	Pass
Calcium	0.75-1.25	1.26	%	Pass
Crude Fiber	5.0	3.44	%	Pass
Lysine	1.1	0.96	%	Pass
Methionine	0.4	0.45	%	Pass
Phosphorus	0.6	0.70	%	Pass
Protein, Crude	20.0	19.73	%	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.53	%	Pass

Product: Payback Pheasant Grower A

Sample No: 21F003815

Amprolium	0.0175	0.01	%	Pass
Calcium	0.75-1.25	1.18	%	Pass
Crude Fiber	5.0	4.21	%	Pass
Lysine	1.1	1.16	%	Pass
Methionine	0.4	0.51	%	Pass
Phosphorus	0.6	0.60	%	Pass
Protein, Crude	22.0	22.29	%	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.51	%	Pass

Product:	Analyte	Claim	Found Unit	Disposition
Sheep Range Mineral				
Sample No:	21F003828			
	Calcium	12.0-14.0	13.37 %	Pass
	Iodine	130	127.00 ppm	Pass
	Magnesium	3.0	2.91 %	Pass
	Manganese	4200	3,684.80 ppm	Pass
	Phosphorus	12.0	21.29 %	Pass
	Salt (Sodium x 2.54)	11.0-13.0	11.76 %	Pass
	Selenium	35	37.90 ppm	Pass
	Vitamin E	500	325.15 IU/lb	Deficient
	Zinc	5000	4,832.18 ppm	Pass
	Vitamin A	250000	194,960.00 IU/lb	Pass
Triple 12 Cattle Mineral				
Sample No:	21F010958			
	Calcium	12.0-14.0	12.54 %	Pass
	Copper	2200	2,412.00 ppm	Pass
	Iodine	300	273.00 ppm	Pass
	Magnesium	2.75	2.76 %	Pass
	Manganese	3400	2,837.00 ppm	Pass
	Phosphorus	12.0	11.17 %	Pass
	Salt (Sodium x 2.54)	12.0-14.0	12.12 %	Pass
	Vitamin E	250	181.10 IU/lb	Pass
	Zinc	7500	7,669.00 ppm	Pass
	Vitamin A	250000	372,914.00 IU/lb	Pass
Ultramin Breeder 12-6+ Availa 4				
Sample No:	21F003829			
	Calcium	12.0-14.0	13.30 %	Pass
	Cobalt	145	196.82 ppm	Pass
	Copper	2500	2,373.73 ppm	Pass
	Iodine	300	325.00 ppm	Pass
	Magnesium	3.0	3.12 %	Pass
	Manganese	3500	3,384.92 ppm	Pass
	Phosphorus	6.0	5.68 %	Pass
	Potassium	0.25	0.32 %	Pass
	Salt (Sodium x 2.54)	3.0-4.0	4.84 %	Excessive
	Selenium	36	35.57 ppm	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Vitamin E	500	397.88	IU/lb	Pass
Zinc	7500	9,833.60	ppm	Pass
Vitamin A	300000	266,260.00	IU/lb	Pass

Manufacturer: CHS-Brandon
Product: Beed Mix H-1.0

Sample No: 21F003816

Calcium	3.0-4.0		%	
Crude Fiber	12.0		%	
Phosphorus	0.35		%	
Protein, Crude	10.0		%	
Salt (Sodium x 2.54)	1.0-1.5		%	

Manufacturer: CHS-Grandin
Product: Feathered Friend Cardinal Premiurr

Sample No: 21F012619

Crude Fat, Acid Hydrolysis	23.0	44.09	%	Pass
Crude Fiber	30.0	20.49	%	Pass
Moisture (Loss on Drying)	12.0	6.03	%	Pass
Protein, Crude	15.0	17.15	%	Pass

Manufacturer: CHS-Inver Grove Heights
Product: CHS,Inc Corn Distillers Dried Grain:

Sample No: 21F011762

Ash, Total	8	4.48	%	Pass
Crude Fiber	15	8.28	%	Pass
Protein, Crude	27	28.19	%	Pass

Product: Distillers Grain - DDG

Sample No: 21F010278

Ash, Total	8	5.19	%	Pass
Crude Fiber	15	8.50	%	Pass
Protein, Crude	26	28.58	%	Pass
Sulfur	1	0.37	%	Pass

Manufacturer: CHS-Sioux Falls-Ellis Rd
Product: 12-6 Cattle Mineral B1440 Medicate

Sample No: 21F001812

Calcium	12.0-13.5	14.70	%	Pass
Copper	2200	2,005.37	ppm	Pass
Iodine	300	321.00	ppm	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Lasalocid	1440	1,645.80 g/ton	Pass
Magnesium	2.75	2.23 %	Pass
Manganese	3400	3,412.33 ppm	Pass
Phosphorus	6.0	6.22 %	Pass
Salt (Sodium x 2.54)	17.5-21.0	18.09 %	Pass
Vitamin E	250	190.68 IU/lb	Pass
Zinc	7500	7,301.96 ppm	Pass
Vitamin A	250000	206,360.00 IU/lb	Pass

Product: Beef Finisher 40-20

Sample No: 21F003887

Calcium	8.0-9.0	7.90 %	Pass
Crude Fiber	15.0	7.28 %	Pass
Equivalent Crude Protein	20.0	18.00 %	Pass
Phosphorus	0.3	0.49 %	Pass
Potassium	2.5	4.29 %	Pass
Protein, Crude	40.0	39.66 %	Pass
Salt (Sodium x 2.54)	3.5-4.5	3.63 %	Pass
Selenium	4.0	6.08 ppm	Pass
Vitamin A	40,000	37,944.00 IU/lb	Pass

Product: Beresford Lamb Supplement DQ MI

Sample No: 21F010552

Calcium	4.25-5.25	4.07 %	Pass
Crude Fiber	4.0	3.41 %	Pass
Decoquinat	68	48.31 g/ton	Deficient
Equivalent Crude Protein	3	2.80 %	Pass
Phosphorus	0.9	0.98 %	Pass
Protein, Crude	39.0	40.40 %	Pass
Salt (Sodium x 2.54)	0.75-1.25	2.85 %	Excessive
Selenium	1.2	1.97 ppm	Pass
Vitamin A	5100	1,100.00 IU/lb	Deficient

Product: Bull Challenger

Sample No: 21F001658

Calcium	0.75-1.25	0.94 %	Pass
Crude Fiber	16.0	15.34 %	Pass
Equivalent Crude Protein	1.5	0.50 %	Pass
Phosphorus	0.35	0.65 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Sample No: 21F010193	Potassium	0.9	1.03 %	Pass
	Protein, Crude	14.0	13.04 %	Deficient
	Salt (Sodium x 2.54)	0.5-1.0	0.75 %	Pass
	Selenium	0.3	0.73 ppm	Pass
	Vitamin A	4000	7,358.00 IU/lb	Pass
	Calcium	0.75-1.25	1.12 %	Pass
	Crude Fiber	16.0	16.91 %	Pass
	Equivalent Crude Protein	1.5	0.50 %	Pass
	Phosphorus	0.35	0.63 %	Pass
	Potassium	0.9	1.05 %	Pass
Product: Bull Challenger R40 Medicated Sample No: 21F001598	Protein, Crude	14.0	13.75 %	Pass
	Salt (Sodium x 2.54)	0.5-1.0	0.62 %	Pass
	Selenium	0.3	0.61 ppm	Pass
	Vitamin A	4000	4,941.00 IU/lb	Pass
	Calcium	0.75-1.25	1.39 %	Pass
	Crude Fiber	16.0	15.15 %	Pass
	Monensin	40	38.25 g/ton	Pass
	Phosphorus	0.35	0.79 %	Pass
	Potassium	0.9	1.05 %	Pass
	Protein, Crude	14.0	13.61 %	Pass
Product: Calf Cream 20-20 BOV Sample No: 21F003884	Salt (Sodium x 2.54)	0.5-1.0	0.55 %	Pass
	Selenium	0.3	0.75 ppm	Pass
	Vitamin A	4000	3,243.00 IU/lb	Pass
	Calcium	0.75-1.25	1.05 %	Pass
	Crude Fat, Base Hydrolysis	20	20.46 %	Pass
	Lasalocid	72.6	82.19 g/ton	Pass
	Phosphorus	0.70	0.63 %	Pass
	Protein, Crude	20.00	20.00 %	Pass
	Vitamin A	35,000	32,459.00 IU/lb	Pass
	Product: Calf Creep Sample No: 21F001660			

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Sample No:	21F010276	Calcium	0.5-1.0	0.86 %	Pass
		Crude Fiber	18.0	13.61 %	Pass
		Phosphorus	0.5	1.08 %	Pass
		Potassium	0.9	1.15 %	Pass
		Protein, Crude	15.0	14.62 %	Pass
		Salt (Sodium x 2.54)	0.75-1.25	1.50 %	Pass
		Vitamin A	6000	8,536.00 IU/lb	Pass
		Product: Calf Creep B68 Medicated			
Sample No:	21F010355	Calcium	0.5-1.0	0.88 %	Pass
		Crude Fiber	18.0	11.62 %	Pass
		Phosphorus	0.5	0.60 %	Pass
		Potassium	0.9	1.24 %	Pass
		Protein, Crude	15.0	14.85 %	Pass
		Salt (Sodium x 2.54)	0.75-1.25	1.17 %	Pass
		Vitamin A	6000	5,713.00 IU/lb	Pass
		Product: Calf Creep Medicated B68			
Sample No:	21F010554	Calcium	0.5-1.0	0.77 %	Pass
		Crude Fiber	18.0	17.14 %	Pass
		Lasalocid	68	77.06 g/ton	Pass
		Phosphorus	0.5	0.65 %	Pass
		Potassium	0.9	1.13 %	Pass
		Protein, Crude	15.0	15.18 %	Pass
		Salt (Sodium x 2.54)	0.75-1.25	1.01 %	Pass
		Vitamin A	6000	12,617.33 IU/lb	Pass
Product: Calf Creep Medicated B68					
Sample No:	21F010554	Calcium	0.5-1.0	0.86 %	Pass
		Crude Fiber	18.0	17.63 %	Pass
		Lasalocid	68	80.04 g/ton	Pass
		Phosphorus	0.5	0.69 %	Pass
		Potassium	0.9	1.17 %	Pass
		Protein, Crude	15.0	14.81 %	Pass
		Salt (Sodium x 2.54)	0.75-1.25	1.10 %	Pass
		Vitamin A	6000	8,466.75 IU/lb	Pass
Product: Calf Creep R68 Medicated					

<u>Sample No:</u>	<u>21F001659</u>	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
		Calcium	0.5-1.0	0.88 %	Pass
		Crude Fiber	18.0	14.22 %	Pass
		Monensin	68	51.31 g/ton	Pass
		Phosphorus	0.5	0.70 %	Pass
		Potassium	0.9	1.13 %	Pass
		Protein, Crude	15.0	14.87 %	Pass
		Salt (Sodium x 2.54)	0.75-1.25	1.18 %	Pass
		Vitamin A	6000	7,899.00 IU/lb	Pass
Product:	Calf Creep R68 Medicated [Monens				
Sample No:	21F010277				
		Calcium	0.5-1.0	0.95 %	Pass
		Crude Fiber	18.0	15.78 %	Pass
		Monensin	68	66.77 g/ton	Pass
		Phosphorus	0.5	0.62 %	Pass
		Potassium	0.9	1.22 %	Pass
		Protein, Crude	15.0	14.68 %	Pass
		Salt (Sodium x 2.54)	0.75-1.25	1.22 %	Pass
		Vitamin A	6000	2,895.63 IU/lb	Deficient
Product:	Cattle Mineral 12-6+				
Sample No:	21F010358				
		Calcium	12.0-14.0	12.71 %	Pass
		Copper	2200	2,336.71 ppm	Pass
		Iodine	300	294.00 ppm	Pass
		Magnesium	2.75	2.64 %	Pass
		Manganese	3400	3,377.59 ppm	Pass
		Phosphorus	6.0	5.92 %	Pass
		Salt (Sodium x 2.54)	17.5-21.0	17.37 %	Pass
		Vitamin E	250	178.60 IU/lb	Pass
		Zinc	7500	7,162.49 ppm	Pass
		Vitamin A	250000	319,662.36 IU/lb	Pass
Product:	CBH 12-12 WINTER RANGE MINE				
Sample No:	21F001664				
		Calcium	12.0-14.0	13.10 %	Pass
		Copper	5000	4,772.26 ppm	Pass
		Iodine	453	470.00 ppm	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Magnesium	1.0	0.87 %	Pass
Manganese	5000	4,915.00 ppm	Pass
Phosphorus	12.0	13.00 %	Pass
Potassium	0.5	0.62 %	Pass
Protein, Crude	4.0	7.18 %	Pass
Vitamin E	500	404.77 IU/lb	Pass
Zinc	1.0	1.04 ppm	Pass
Vitamin A	300000	466,540.00 IU/lb	Pass

Product: CBH 12-6 SUMMER RANGE MINE

Sample No: 21F001810

Calcium	12.0-14.0	13.70 %	Pass
Copper	5000	4,467.63 ppm	Pass
Crude Fiber	3.0	4.35 %	Excessive
Iodine	453	491.00 ppm	Pass
Magnesium	1.0	0.85 %	Pass
Manganese	5000	5,269.93 ppm	Pass
Phosphorus	6.0	5.58 %	Pass
Potassium	0.5	0.68 %	Pass
Protein, Crude	8.0	11.46 %	Pass
Vitamin E	500	397.16 IU/lb	Pass
Zinc	10000	10,724.60 ppm	Pass
Vitamin A	300000	327,130.00 IU/lb	Pass

Product: Chelated Distillers Pro Balancer B14

Sample No: 21F001907

Calcium	26.0-28.0	29.99 %	Pass
Copper	900	796.80 ppm	Pass
Iodine	65	41.60 ppm	Pass
Lasalocid	1440	1,432.60 g/ton	Pass
Manganese	1200	1,088.20 ppm	Pass
Salt (Sodium x 2.54)	13.0-15.0	13.11 %	Pass
Selenium	8.0	7.43 ppm	Pass
Vitamin E	250	194.50 IU/lb	Pass
Zinc	3200	6,548.10 ppm	Pass
Vitamin A	100000	100,235.00 IU/lb	Pass

Product: CMA 12-8-3 Mineral R1640

Sample No: 21F003883

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Calcium	12.0-14.0	14.82	%	Pass
Copper	2500	2,422.59	ppm	Pass
Iodine	300	292.00	ppm	Pass
Magnesium	2.75	2.69	%	Pass
Manganese	3500	3,331.52	ppm	Pass
Monensin	1640	1,268.00	g/ton	Pass
Phosphorus	8.0	8.68	%	Pass
Salt (Sodium x 2.54)	3.0-4.0	2.63	%	Pass
Selenium	36.0	30.83	ppm	Pass
Vitamin E	500	357.48	IU/lb	Pass
Zinc	7500	6,430.55	ppm	Pass
Vitamin A	300,000	333,030.00	IU/lb	Pass

Product: Dairy Elite Calf Mixer B120

Sample No: 21F003886

ADF	11.0	9.90	%	Pass
Calcium	1.75-2.25	1.82	%	Pass
Crude Fiber	8.0	8.39	%	Pass
Lasalocid	120	129.53	g/ton	Pass
Phosphorus	0.9	0.80	%	Pass
Protein, Crude	37.0	37.28	%	Pass
Salt (Sodium x 2.54)	0.75-1.25	0.79	%	Pass
Selenium	0.8	1.92	ppm	Pass
Vitamin A	15,000	5,693.65	IU/lb	Deficient

Product: Distillers Pro Balancer 20-20 R1200

Sample No: 21F010357

Calcium	26.0-28.0	25.68	%	Pass
Equivalent Crude Protein	20.0	18.80	%	Pass
Monensin	1200	1,325.00	g/ton	Pass
Potassium	0.1	0.10	%	Pass
Protein, Crude	20.0	19.44	%	Pass
Salt (Sodium x 2.54)	13.0-15.0	12.99	%	Pass
Selenium	8.0	8.89	ppm	Pass
Vitamin E	250	179.40	IU/lb	Pass
Vitamin A	100000	194,532.77	IU/lb	Pass

Product: Distiller's Pro Balancer R1200 Medi

Sample No: 21F001662

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Calcium	25.0-30.0	27.31	%	Pass
Copper	900	839.16	ppm	Pass
Iodine	98	76.60	ppm	Pass
Manganese	1200	1,108.80	ppm	Pass
Monensin	1200	997.36	g/ton	Pass
Potassium	0.2	3.00	%	Pass
Salt (Sodium x 2.54)	13.25-15.75	14.41	%	Pass
Selenium	8.0	8.05	ppm	Pass
Vitamin E	250	218.43	IU/lb	Pass
Zinc	3200	3,405.20	ppm	Pass
Vitamin A	100000	194,560.00	IU/lb	Pass

Product: Grolean concentrate

Sample No: 21F001909

Calcium	2.75-3.75	4.06	%	Pass
Crude Fiber	5.0	4.83	%	Pass
Lysine	2.7	2.47	%	Pass
Phosphorus	1.2	1.52	%	Pass
Protein, Crude	40.0	37.97	%	Deficient
Salt (Sodium x 2.54)	1.25-1.75	1.51	%	Pass
Selenium	1.2	2.13	ppm	Pass
Zinc	550	829.94	ppm	Pass

Product: HI EN 14

Sample No: 21F001908

Calcium	0.5-1.0	0.89	%	Pass
Crude Fiber	11.0	9.68	%	Pass
Phosphorus	0.6	0.75	%	Pass
Potassium	1.0	1.12	%	Pass
Protein, Crude	14.0	13.64	%	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.75	%	Pass
Vitamin A	4000	873.40	IU/lb	Deficient

Product: HI-EN 14 For Cattle on Pasture

Sample No: 21F001595

Calcium	0.5-1.0	1.10	%	Pass
Crude Fiber	11.0	10.73	%	Pass
Phosphorus	0.6	0.79	%	Pass
Potassium	1.0	1.08	%	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: HI-EN 14 R40 MEDICATED				
Sample No: 21F001597				
	Protein, Crude	14.0	13.85 %	Pass
	Salt (Sodium x 2.54)	0.25-0.75	0.58 %	Pass
	Vitamin A	4000	4,186.00 IU/lb	Pass
Product: Lamb Starter B90				
Sample No: 21F003889				
	Calcium	0.75-1.25	0.91 %	Pass
	Crude Fiber	10.0	10.72 %	Pass
	Monensin	40	32.80 g/ton	Pass
	Phosphorus	0.5	0.70 %	Pass
	Potassium	0.8	1.03 %	Pass
	Protein, Crude	14.0	13.91 %	Pass
	Salt (Sodium x 2.54)	0.50-1.00	1.17 %	Pass
	Vitamin A	4000	4,597.00 IU/lb	Pass
Product: Payback Poultry Concentrate				
Sample No: 21F003885				
	Calcium	1.0-1.5	1.20 %	Pass
	Crude Fiber	18.0	17.56 %	Pass
	Equivalent Crude Protein	1.5	1.20 %	Pass
	Lasalocid	90	96.58 g/ton	Pass
	Phosphorus	0.4	0.61 %	Pass
	Protein, Crude	18.0	17.82 %	Pass
	Salt (Sodium x 2.54)	0.5-1.0	0.55 %	Pass
	Vitamin A	8,000	4,734.55 IU/lb	Deficient
Product: PM 40-20 Feedlot Pellet R500				
Sample No: 21F010285				
	Calcium	2.5-3.5	3.49 %	Pass
	Crude Fiber	6.0	4.79 %	Pass
	Lysine	2.7	2.67 %	Pass
	Methionine	0.9	0.82 %	Pass
	Phosphorus	1.1	1.01 %	Pass
	Protein, Crude	40.0	39.63 %	Pass
	Salt (Sodium x 2.54)	1.25-1.75	1.30 %	Pass
	Calcium	7.5-8.5	7.39 %	Pass
	Crude Fiber	7.0	6.92 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Equivalent Crude Protein	20.0	18.00	%	Pass
Monensin	500	519.80	g/ton	Pass
Phosphorus	0.5	0.51	%	Pass
Potassium	2.6	2.90	%	Pass
Protein, Crude	40.0	39.15	%	Pass
Salt (Sodium x 2.54)	3.5-4.5	4.05	%	Pass
Selenium	4.0	4.07	ppm	Pass
Vitamin A	40700	17,997.56	IU/lb	Deficient

Product: Ranger 20

Sample No: 21F001653

Calcium	2.5-3.0	2.43	%	Pass
Crude Fiber	12.0	8.17	%	Pass
Phosphorus	0.55	0.62	%	Pass
Potassium	0.8	1.17	%	Pass
Protein, Crude	20.0	20.64	%	Pass
Salt (Sodium x 2.54)	1.5-2.0	1.30	%	Pass
Selenium	1.5	2.03	ppm	Pass
Vitamin A	20000	15,943.00	IU/lb	Pass

Product: Ranger 20 cake cube

Sample No: 21F010211

Calcium	2.5-3.0	2.70	%	Pass
Crude Fiber	12.0	10.93	%	Pass
Phosphorus	0.55	0.73	%	Pass
Potassium	0.8	1.22	%	Pass
Protein, Crude	20.0	20.49	%	Pass
Salt (Sodium x 2.54)	1.75-2.25	2.25	%	Pass
Selenium	1.5	2.43	ppm	Pass
Vitamin A	20000	22,575.00	IU/lb	Pass

Product: Sheep Mineral 16-8

Sample No: 21F001811

Calcium	16.0-18.0	17.40	%	Pass
Iodine	130	153.00	ppm	Pass
Magnesium	2.5	2.30	%	Pass
Manganese	4200	4,107.09	ppm	Pass
Phosphorus	8.0	7.95	%	Pass
Salt (Sodium x 2.54)	12.0-14.0	12.75	%	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Sample No: 21F001910	Selenium	35	40.60 ppm	Pass
	Vitamin E	500	405.99 IU/lb	Pass
	Zinc	5000	4,911.90 ppm	Pass
	Vitamin A	250000	261,640.00 IU/lb	Pass
	Calcium	16.0-18.0	15.20 %	Pass
	Iodine	130	132.00 ppm	Pass
	Magnesium	2.5	2.46 %	Pass
	Manganese	4200	4,408.39 ppm	Pass
	Phosphorus	8.0	8.08 %	Pass
	Salt (Sodium x 2.54)	12.0-14.0	13.30 %	Pass
	Selenium	35	36.08 ppm	Pass
	Vitamin E	500	351.03 IU/lb	Pass
	Zinc	5000	5,323.90 ppm	Pass
	Vitamin A	250000	458,800.00 IU/lb	Pass
Product: Sheep Mineral 16-8 CTC-1.7G Med				
Sample No: 21F001663				
	Calcium	16.0-18.0	16.60 %	Pass
	Iodine	130	172.00 ppm	Pass
	Magnesium	2.5	2.86 %	Pass
	Manganese	4200	3,954.20 ppm	Pass
	Phosphorus	8.0	7.86 %	Pass
	Salt (Sodium x 2.54)	12.0-14.0	12.90 %	Pass
	Selenium	35	36.83 ppm	Pass
	Vitamin E	500	391.54 IU/lb	Pass
	Zinc	5000	5,398.90 ppm	Pass
	Vitamin A	250000	327,840.00 IU/lb	Pass
	Chlortetracycline (CTC)	3400	2,635.40 g/ton	Pass
Product: Soy Meal				
Sample No: 21F010667				
	Ash, Total	8.0	5.71 %	Pass
	Crude Fiber	3.5	5.86 %	Excessive
	Protein, Crude	46.0	47.79 %	Pass
Product: Triple 12+ Cattle Mineral				
Sample No: 21F010553				
	Calcium	12.0-14.0	11.63 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Copper	2200	2,592.88 ppm	Pass
Iodine	300	388.00 ppm	Pass
Magnesium	2.75	2.55 %	Pass
Manganese	3400	4,013.11 ppm	Pass
Phosphorus	12.0	11.14 %	Pass
Salt (Sodium x 2.54)	12.0-14.0	13.72 %	Pass
Selenium	36	40.39 ppm	Pass
Vitamin E	250	177.50 IU/lb	Pass
Zinc	7500	7,587.70 ppm	Pass
Vitamin A	250000	285,893.15 IU/lb	Pass

Product: Ultramin 12-12+

Sample No: 21F001905

Calcium	12.0-14.0	13.80 %	Pass
Copper	2500	2,493.62 ppm	Pass
Iodine	300	280.00 ppm	Pass
Magnesium	3.0	2.40 %	Pass
Manganese	3500	4,327.34 ppm	Pass
Phosphorus	12.0	11.27 %	Pass
Salt (Sodium x 2.54)	3.0-4.0	3.65 %	Pass
Selenium	36	36.98 ppm	Pass
Vitamin E	500	350.10 IU/lb	Pass
Zinc	7500	7,506.60 ppm	Pass
Vitamin A	300000	530,100.00 IU/lb	Pass

Product: Ultramin 12-6+

Sample No: 21F001809

Calcium	12.0-14.0	13.70 %	Pass
Copper	2500	2,411.48 ppm	Pass
Iodine	300	302.00 ppm	Pass
Magnesium	3.0	2.50 %	Pass
Manganese	3500	3,381.68 ppm	Pass
Phosphorus	6.0	6.08 %	Pass
Salt (Sodium x 2.54)	3.0-4.0	3.23 %	Pass
Selenium	36.0	41.27 ppm	Pass
Vitamin E	500	406.74 IU/lb	Pass
Zinc	7500	7,576.50 ppm	Pass
Vitamin A	300000	475,800.00 IU/lb	Pass

Sample No: 21F001906

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Calcium	12.0-14.0	13.40 %	Pass
Copper	2500	2,290.36 ppm	Pass
Iodine	300	395.00 ppm	Pass
Magnesium	3.0	2.54 %	Pass
Manganese	3500	3,590.97 ppm	Pass
Phosphorus	6.0	5.97 %	Pass
Salt (Sodium x 2.54)	3.0-4.0	3.52 %	Pass
Selenium	36.0	34.93 ppm	Pass
Vitamin E	500	394.00 IU/lb	Pass
Zinc	7500	7,348.55 ppm	Pass
Vitamin A	300000	323,400.00 IU/lb	Pass

Product: Ultramin 24-6 PLUS

Sample No: 21F002037

Calcium	24.0-26.0	22.40 %	Pass
Copper	2500	2,724.60 ppm	Pass
Iodine	300	322.00 ppm	Pass
Magnesium	3.0	2.66 %	Pass
Manganese	3500	3,469.73 ppm	Pass
Phosphorus	6.0	5.54 %	Pass
Salt (Sodium x 2.54)	3.0-4.0	3.12 %	Pass
Selenium	36	33.25 ppm	Pass
Vitamin E	500	391.70 IU/lb	Pass
Zinc	7500	7,224.39 ppm	Pass
Vitamin A	300000	278,100.00 IU/lb	Pass

Product: Ultramin 5-6+ BIO-MOS

Sample No: 21F001813

Calcium	12.0-14.0	12.32 %	Pass
Copper	2500	2,210.17 ppm	Pass
Iodine	300	312.00 ppm	Pass
Magnesium	3.0	2.70 %	Pass
Manganese	3500	3,775.21 ppm	Pass
Phosphorus	6.0	6.31 %	Pass
Salt (Sodium x 2.54)	3.0-4.0	3.71 %	Pass
Selenium	36.0	36.54 ppm	Pass
Vitamin E	500	477.56 IU/lb	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Zinc	7500	6,917.23 ppm	Pass
	Vitamin A	300000	262,200.00 IU/lb	Pass
Manufacturer: Consumers Supply				
Product: Country Vet Naturals Grain Free Qu				
Sample No: 21F010876				
	Crude Fat, Acid Hydrolysis	10	9.12 %	Pass
	Crude Fiber	4.0	4.53 %	Pass
	Moisture (Loss on Drying)	10.0	6.89 %	Pass
	Protein, Crude	25.0	27.64 %	Pass
Product: Pork meat and Bone Meal				
Sample No: 21F010668				
	Calcium	8.4-8.8	8.94 %	Pass
	Crude Fat, Acid Hydrolysis	6.0	14.28 %	Pass
	Crude Fiber	3.0	1.69 %	Pass
	Phosphorus	4.0	4.35 %	Pass
	Protein, Crude	50.0	54.43 %	Pass
Manufacturer: Consumers Supply Distributing				
Product: Pork Meat and Bone Meal				
Sample No: 21F003832				
	Calcium	8.4-8.8	9.35 %	Pass
	Crude Fat, Acid Hydrolysis	6	12.18 %	Pass
	Crude Fiber	3.0	1.72 %	Pass
	Phosphorus	4.0	4.65 %	Pass
	Protein, Crude	50.0	51.88 %	Pass
Product: Ranchers Choice Champion 8.2% M				
Sample No: 21F010962				
	Calcium	19.0-22.8	19.88 %	Pass
	Copper	500	636.10 ppm	Pass
	Iodine	100	91.10 ppm	Pass
	Manganese	2000	2,063.00 ppm	Pass
	Phosphorus	8.2	7.80 %	Pass
	Salt (Sodium x 2.54)	9.0-10.8	9.90 %	Pass
	Selenium	26	25.53 ppm	Pass
	Zinc	2080	2,451.00 ppm	Pass
	Vitamin A	150000	128,520.00 IU/lb	Pass
Product: Soy Bean Meal				

Sample No:	Analyte	Claim	Found Unit	Disposition
21F010964	Ash, Total	8.0	5.79 %	Pass
	Crude Fiber	4.0	5.05 %	Excessive
	Moisture (Loss on Drying)	12.5	11.20 %	Pass
	Protein, Crude	46.0	44.95 %	Pass
Manufacturer: Coop Office Serfin Pena				
Product: Maximo 720 Zinc Powder				
Sample No:				
21F002283	Zinc	72.0	66.83 %	Pass
Manufacturer: Country Vet Pet Foods				
Product: Country Vet Choice Formula Cat Fo				
Sample No:				
21F003824	Calcium	1.00-1.50	2.60 %	Excessive
	Crude Fat, Acid Hydrolysis	11	11.11 %	Pass
	Crude Fiber	3.50	3.29 %	Pass
	Moisture (Loss on Drying)	10.00	3.68 %	Pass
	Phosphorus	0.80	1.84 %	Pass
	Protein, Crude	30.00	33.19 %	Pass
	Taurine	0.10	0.37 %	Pass
Product: Country Vet Formula for Dogs Prem				
Sample No:				
21F003820	Calcium	1-1.50	2.22 %	Excessive
	Crude Fat, Acid Hydrolysis	12	12.36 %	Pass
	Crude Fiber	4.00	3.83 %	Pass
	Moisture (Loss on Drying)	10.00	4.65 %	Pass
	Omega-3 Fatty Acids	0.30	0.40 %	Pass
	Omega-6 Fatty Acids	2.50	2.82 %	Pass
	Phosphorus	0.80	1.65 %	Pass
	Protein, Crude	22.00	25.74 %	Pass
Product: Country Vet Naturals for Healthy Ad				
Sample No:				
21F003823	Crude Fat, Acid Hydrolysis	14	14.88 %	Pass
	Crude Fiber	3.0	2.33 %	Pass
	Moisture (Loss on Drying)	10.0	6.10 %	Pass
	Omega-3 Fatty Acids	0.5	0.61 %	Pass
	Omega-6 Fatty Acids	2.0	3.01 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Country Vet Premium Active Adult D	Protein, Crude	24.0	25.56 %	Pass
Sample No: 21F003822				
	Crude Fat, Acid Hydrolysis	18	18.56 %	Pass
	Crude Fiber	3.5	2.37 %	Pass
	Moisture (Loss on Drying)	10.0	4.31 %	Pass
	Omega-3 Fatty Acids	0.5	0.60 %	Pass
	Omega-6 Fatty Acids	3.0	4.62 %	Pass
	Protein, Crude	26.0	26.97 %	Pass
Manufacturer: Dakota Blenders				
Product: 9.2% Organic Iodine Premix				
Sample No: 21F002287				
	Iodine	7.27	7.89 %	Pass
Product: BM 1511 T binder Beef Mineral				
Sample No: 21F002024				
	Calcium	13.0-14.0	12.30 %	Pass
	Copper	1800.0	1,914.70 ppm	Pass
	Magnesium	2.2	2.25 %	Pass
	Manganese	4000.0	4,486.61 ppm	Pass
	Phosphorus	6.0	5.66 %	Pass
	Potassium	2.2	2.40 %	Pass
	Salt (Sodium x 2.54)	18.0-19.0	17.50 %	Pass
	Selenium	22.0	22.66 ppm	Pass
	Vitamin A	265000.0	317,800.00 IU/lb	Pass
Product: BM 1528 Pre calving Min Medicatec				
Sample No: 21F002028				
	Calcium	11.0-13.0	10.78 %	Pass
	Copper	2000.0	2,046.10 ppm	Pass
	Decoquinat	238	237.61 mg/lb	Pass
	Iodine	160.0	272.00 ppm	Pass
	Magnesium	3.0	3.06 %	Pass
	Manganese	4000.0	3,976.30 ppm	Pass
	Monensin	595	504.83 mg/lb	Pass
	Phosphorus	5.0	5.69 %	Pass
	Potassium	3.0	3.25 %	Pass
	Salt (Sodium x 2.54)	12.0-14.0	13.52 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Selenium	50.0	57.19	ppm	Pass
Vitamin E	1500.0	1,241.80	IU/lb	Pass
Zinc	6000.0	5,854.50	ppm	Pass
Vitamin A	180000.0	325,400.00	IU/lb	Pass

Product: SH705 LAMB GROWER 16% BT25

Sample No: 21F002284

Calcium	0.7-2.0	2.74	%	Excessive
Crude Fiber	9.0	3.96	%	Pass
Lasalocid	60	70.87	g/ton	Pass
Phosphorus	0.7	0.99	%	Pass
Protein, Crude	18.0	17.68	%	Pass
Salt (Sodium x 2.54)	0.4-1.0	0.80	%	Pass
Selenium	3.0	3.78	ppm	Pass
Vitamin A	25000	31,780.00	IU/lb	Pass

Manufacturer: Dakotaland Feed-Cavour

Product: Purina Steakmaker Finisher Feedlot

Sample No: 21F010920

Calcium	6.75-8.10		%	
Crude Fiber	12.00		%	
Equivalent Crude Protein	20.00	3.10	%	Pass
Monensin	500.00	66.70	g/ton	Deficient
Monensin	500.00		g/ton	
Phosphorus	0.50		%	
Potassium	1.00		%	
Protein, Crude	40.00		%	
Salt (Sodium x 2.54)	3.50-4.50		%	
Vitamin A	40000		IU/lb	

Manufacturer: Dakotaland Feeds-Huron

Product: DLF-Super Mix Optaflexx Medicated

Sample No: 21F010916

Calcium	0.01-0.51	0.41	%	Pass
Crude Fiber	25.00	13.15	%	Pass
Phosphorus	0.50	0.70	%	Pass
Potassium	1.10	1.13	%	Pass
Protein, Crude	16.00	15.94	%	Pass

Manufacturer: Daves Pet Food

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Daves Natural Healthy Food Health				
Sample No: 21F012615				
	Crude Fat, Acid Hydrolysis	7.00	7.89 %	Pass
	Moisture (Loss on Drying)	78.00	76.75 %	Pass
	Omega 3 Fatty Acids	0.07	0.20 %	Pass
	Omega 6 Fatty Acids	0.65	1.31 %	Pass
	Protein, Crude	8.00	9.13 %	Pass
Manufacturer: Dehy Alfalfa Mills				
Product: Alfalfa Meal				
Sample No: 21F010670				
	Crude Fiber	33.00	28.41 %	Pass
	Protein, Crude	17.00	18.14 %	Pass
Manufacturer: EuroChem North America Corp				
Product: Eurochem Feed grade Urea				
Sample No: 21F002026				
	Ash, Total	3.4	0.01 %	Pass
	Equivalent Crude Protein	287.0	286.00 %	Pass
	Nitrogen, Total-Combustion	46.0	46.47 %	Pass
Manufacturer: Evolved				
Product: HerdLife Sturdy Steed w/ selenium				
Sample No: 21F012610				
	Calcium	0.46-0.56	0.59 %	Pass
	Cobalt	100	100.51 ppm	Pass
	Copper	1000	1,010.43 ppm	Pass
	Iodine	10	9.89 ppm	Pass
	Iron	2000	2,136.75 ppm	Pass
	Magnesium	0.10	0.12 %	Pass
	Manganese	2000	2,342.23 ppm	Pass
	Phosphorus	0.50	0.89 ppm	Pass
	Salt (Sodium x 2.54)	96.00-98.00	99.19 %	Pass
	Selenium	20	19.67 ppm	Pass
	Zinc	2000	1,188.53 ppm	Deficient
Manufacturer: Famo Feeds, Inc				
Product: Blood Meal- Flash Dried				
Sample No: 21F004040				
	Protein, Crude	85	84.77 %	Pass

Manufacturer:	Farnam Horse Products	Analyte	Claim	Found Unit	Disposition
Product:	Farnam (Grow Colt) Growth and De				
Sample No:	21F000216				
		ADF	13.00	9.80 %	Pass
		Calcium	7.00-9.00	5.32 %	Deficient
		Copper	327	379.28 ppm	Pass
		Crude Fiber	10.00	10.33 %	Pass
		Iodine	9	9.74 ppm	Pass
		Magnesium	0.60	0.95 %	Pass
		Manganese	1325	1,611.79 ppm	Pass
		NDF	22.00	14.50 %	Pass
		Phosphorus	3.00	3.24 %	Pass
		Potassium	2.00	2.12 %	Pass
		Protein, Crude	12.00	18.64 %	Pass
		Selenium	3.53	5.41 ppm	Pass
		Sodium	0.50	0.82 %	Pass
		Vitamin D3	9600	16,874.00 IU/lb	Pass
		Vitamin E	1200	991.34 IU/lb	Pass
		Zinc	1325	1,579.89 ppm	Pass
		Vitamin A	14400	25,627.00 IU/lb	Pass
Product:	Farnam Laser Sheen Skin & Coat S				
Sample No:	21F000218				
		Calcium	0.30-0.35	0.36 %	Pass
		Copper	110	108.28 ppm	Pass
		Crude Fat, Acid Hydrolysis	16.50	15.35 %	Pass
		Lysine	3.25	3.05 %	Pass
		Methionine	6.00	5.78 %	Pass
		Omega 3 Fatty Acids	3.50	4.12 %	Pass
		Omega 6 Fatty Acids	4.80	4.41 %	Pass
		Phenylalanine	1.10	1.39 %	Pass
		Phosphorus	0.80	0.93 %	Pass
		Protein, Crude	28.00	33.26 %	Pass
		Zinc	300	416.45 ppm	Pass
Product:	FenCare Safe-Guard Type B Medic				
Sample No:	21F012648				
		Calcium	6.0-8.0	8.39 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Crude Fiber	10.0	7.72	%	Pass
Phosphorus	0.5	0.71	%	Pass
Protein, Crude	10.0	12.63	%	Pass
Selenium	0.3	0.33	ppm	Pass
Zinc	61.5	647.02	ppm	Pass

Manufacturer: Form-A-Feed, Inc
Product: FormAFeed Safe Choice Nursery B

Sample No: 21F010967

Calcium	1.10-1.60	1.13	%	Pass
Lysine	0.90	1.06	%	Pass
Phosphorus	0.80	0.88	%	Pass
Protein, Crude	17.00	19.73	%	Pass
Salt (Sodium x 2.54)	0.40-0.70	1.51	%	Excessive
Selenium	0.9	1.64	ppm	Pass
Zinc	10500	6,317.50	ppm	Deficient
Vitamin A	18200	24,853.63	IU/lb	Pass

Product: Nusery 1300 Concentrate

Sample No: 21F011759

Calcium	0.90-1.40	1.05	%	Pass
Lysine	1.80	2.15	%	Pass
Phosphorus	0.90	0.83	%	Pass
Protein, Crude	22.00	27.19	%	Pass
Salt (Sodium x 2.54)	0.20-0.40	1.78	%	Excessive
Selenium	0.4	1.26	ppm	Pass
Zinc	4300	4,614.00	ppm	Pass
Vitamin A	7690	11,210.00	IU/lb	Pass

Product: SFI Nursery 600/300 Base

Sample No: 21F011758

Calcium	2.00-2.50	2.12	%	Pass
Lysine	2.40	2.40	%	Pass
Phosphorus	1.30	1.06	%	Deficient
Protein, Crude	24.00	25.06	%	Pass
Salt (Sodium x 2.54)	0.90-1.20	2.36	%	Excessive
Selenium	0.9	1.98	ppm	Pass
Zinc	8900	6,820.88	ppm	Deficient
Vitamin A	16670	12,867.00	IU/lb	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manufacturer: Frontier Mills Inc-Yankton				
Product: 46.0% Soybean Meal feed				
Sample No: 21F011500				
	Crude Fiber	3.5	4.47 %	Excessive
	Protein, Crude	46.0	45.25 %	Pass
Product: All-Weather High-Performance Bree				
Sample No: 21F011742				
	Calcium	12.0-13.0	12.02 %	Pass
	Copper	3750	3,957.00 ppm	Pass
	Magnesium	3.0	4.10 %	Pass
	Manganese	5100	5,161.00 ppm	Pass
	Phosphorus	8.0	7.53 %	Pass
	Potassium	0.1	0.25 %	Pass
	Salt (Sodium x 2.54)	11.0-12.0	10.51 %	Pass
	Selenium	30	27.51 ppm	Pass
	Vitamin E	2060	2,953.00 IU/lb	Pass
	Zinc	5070	4,295.00 ppm	Pass
	Vitamin A	263025	259,617.00 IU/lb	Pass
Product: Corn Distillers Dried Grains				
Sample No: 21F011499				
	Ash, Total	6.0	5.07 %	Pass
	Crude Fiber	9.5	7.49 %	Pass
	Protein, Crude	28.0	27.75 %	Pass
	Sulfur	1.0	0.87 %	Pass
Product: First Grass Mineral for beef cattle				
Sample No: 21F011743				
	Calcium	11.0-12.0	10.65 %	Pass
	Copper	3500	3,697.00 ppm	Pass
	Magnesium	10.0	9.37 %	Pass
	Manganese	3025	3,370.00 ppm	Pass
	Phosphorus	6.2	6.24 %	Pass
	Potassium	0.1	0.31 %	Pass
	Salt (Sodium x 2.54)	12.0-13.0	12.48 %	Pass
	Selenium	30	29.30 ppm	Pass
	Vitamin E	1585	1,824.80 IU/lb	Pass
	Zinc	4500	4,952.00 ppm	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Layer Mash complete chicken feed	Vitamin A	235950	261,172.00 IU/lb	Pass
Sample No: 21F011496				
	Calcium	4.3-4.8	4.78 %	Pass
	Crude Fiber	3.0	2.46 %	Pass
	Lysine	1.0	1.06 %	Pass
	Methionine	0.50	0.52 %	Pass
	Phosphorus	0.7	0.67 %	Pass
	Protein, Crude	18.0	17.63 %	Pass
	Sodium	0.1-0.2	0.36 %	Excessive
Product: Pig Starter Base 200				
Sample No: 21F011757				
	Calcium	5.5-6.0	5.99 %	Pass
	Crude Fiber	3.5	3.39 %	Pass
	Lysine	4.25	4.15 %	Pass
	Phosphorus	2.6	2.16 %	Deficient
	Protein, Crude	23.94	27.69 %	Pass
	Salt (Sodium x 2.54)	4.1-4.6	4.77 %	Pass
	Selenium	3.0	3.88 ppm	Pass
	Zinc	15775	16,162.00 ppm	Pass
Manufacturer: Furst-McNess Company				
Product: McNess Custom Bova Mineral 6 No				
Sample No: 21F011767				
	Calcium	13.9-16.6	15.81 %	Pass
	Copper	5000	3,130.94 ppm	Deficient
	Magnesium	2.5	2.27 %	Pass
	Phosphorus	6.0	7.26 %	Pass
	Potassium	0.2	0.27 %	Pass
	Salt (Sodium x 2.54)	18.2-21.7	18.84 %	Pass
	Zinc	1.0	0.45 %	Deficient
	Vitamin A	300000	291,718.00 IU/lb	Pass
Product: McNess Custom Dakota Range Min				
Sample No: 21F011768				
	Calcium	16.0-19.1	17.96 %	Pass
	Copper	5000	5,399.00 ppm	Pass
	Magnesium	1.0	1.11 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Phosphorus	7.0	6.98	%	Pass
Potassium	0.5	0.60	%	Pass
Zinc	1.0	1.02	%	Pass
Vitamin A	300000	345,777.00	IU/lb	Pass

Manufacturer: Glacial Lakes Energy, LLC- Wa
Product: Regular Distillers (DDG)

Sample No: 21F004055

Ash, Total	6	4.40	%	Pass
Crude Fiber	15	8.54	%	Pass
Moisture (Loss on Drying)	13	10.01	%	Pass
Protein, Crude	25	31.00	%	Pass
Sulfur	0-0.7	0.49	%	Pass

Manufacturer: GPS Dairy Consulting-WI
Product: GPS Cow Essentials Organic

Sample No: 21F003882

Calcium	9.0-9.5	10.53	%	Pass
Selenium	279	274.20	ppm	Pass
Vitamin E	10000	9,525.40	IU/lb	Pass
Vitamin A	1,833,333	1,939,600.00	IU/lb	Pass

Product: GPS Dry Essentials I

Sample No: 21F003881

Calcium	16.0-16.5	14.64	%	Pass
Selenium	150	154.00	ppm	Pass
Vitamin E	16667	5,787.83	IU/lb	Deficient
Vitamin A	1,500,000	1,533,500.00	IU/lb	Pass

Manufacturer: Green Meadows-Gayville
Product: Alfalfa Pellets

Sample No: 21F011485

Crude Fiber	30.0	26.60	%	Pass
Protein, Crude	17.0	17.59	%	Pass

Manufacturer: Hill's Pet Nutrition-Topeka
Product: Hills Science Diet Chicken and Barl

Sample No: 21F011342

Moisture (Loss on Drying)	78	75.48	%	Pass
Protein, Crude	5.2	5.74	%	Pass

Product: Hill's Science Diet Salmon & Vegeta

<u>Sample No:</u>	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
21F012647	Moisture (Loss on Drying)	78	73.03 %	Pass
	Protein, Crude	4	6.05 %	Pass
Manufacturer: Hubbard Feeds - Mankato				
Product: 16% Layer Pellet				
Sample No: 21F010405				
	Calcium	3.5-4.5	3.31 %	Pass
	Crude Fiber	8.0	5.45 %	Pass
	Lysine	0.7	0.71 %	Pass
	Methionine	0.3	0.29 %	Pass
	Phosphorus	0.6	0.86 %	Pass
	Protein, Crude	16.0	16.98 %	Pass
	Salt (Sodium x 2.54)	0.2-0.7	0.50 %	Pass
Product: 20% Range Cube -Beef Cattle on P				
Sample No: 21F002078				
	Calcium	1.5-2.0	1.86 %	Pass
	Crude Fiber	12.0	6.90 %	Pass
	Phosphorus	0.8	0.80 %	Pass
	Potassium	1.0	1.11 %	Pass
	Protein, Crude	20.0	22.35 %	Pass
	Salt (Sodium x 2.54)	0.7-1.2	1.20 %	Pass
	Vitamin A	19950	24,630.00 IU/lb	Pass
Product: All Flock Crumble-complete chicken				
Sample No: 21F010948				
	Calcium	0.8-1.3	1.28 %	Pass
	Crude Fiber	5.5	4.64 %	Pass
	Lysine	0.8	0.80 %	Pass
	Methionine	0.3	0.29 %	Pass
	Phosphorus	0.6	0.84 %	Pass
	Protein, Crude	17.0	17.31 %	Pass
	Salt (Sodium x 2.54)	0.2-0.7	0.54 %	Pass
Product: ALL STOCK CAKE MULTISPECIES				
Sample No: 21F001654				
	Calcium	2.0-2.5	2.60 %	Pass
	Crude Fiber	10.0	5.73 %	Pass
	Phosphorus	0.8	0.77 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Potassium	0.9	0.99 %	Pass
	Protein, Crude	15.0	15.03 %	Pass
	Salt (Sodium x 2.54)	1.3-1.8	1.77 %	Pass
	Selenium	0.3	1.59 ppm	Pass
	Vitamin A	33000	9,777.67 IU/lb	Deficient
Product: Blueprint Lamb Starter 18% D27.2				
Sample No: 21F002064				
	ADF	16.0	13.30 %	Pass
	Calcium	0.8-1.3	1.21 %	Pass
	Crude Fiber	12.0	10.21 %	Pass
	Decoquinat	54.4	46.89 g/ton	Pass
	Equivalent Crude Protein	0.8	1.60 %	Pass
	Phosphorus	0.4	0.40 %	Pass
	Protein, Crude	18.0	17.79 %	Pass
	Salt (Sodium x 2.54)	0.3-0.8	0.55 %	Pass
	Selenium	0.3	0.83 ppm	Pass
	Vitamin A	5000	8,981.00 IU/lb	Pass
Product: Calf Creep 14% B60				
Sample No: 21F002069				
	Calcium	0.7-1.2	1.11 %	Pass
	Crude Fiber	17.0	12.10 %	Pass
	Phosphorus	0.6	0.87 %	Pass
	Potassium	0.7	0.99 %	Pass
	Protein, Crude	14.0	14.01 %	Pass
	Salt (Sodium x 2.54)	0.2-0.7	0.90 %	Pass
	Vitamin A	3000	7,796.00 IU/lb	Pass
Product: Chick Starter/Grower Crumble - con				
Sample No: 21F010947				
	Calcium	0.8-1.3	0.94 %	Pass
	Crude Fiber	6.0	4.39 %	Pass
	Lysine	0.9	0.92 %	Pass
	Methionine	0.3	0.34 %	Pass
	Phosphorus	0.6	0.92 %	Pass
	Protein, Crude	18.0	17.21 %	Deficient
	Salt (Sodium x 2.54)	0.2-0.7	0.53 %	Pass
Product: Chick-En-Egg Concentrate				

Sample No:		Analyte	Claim	Found Unit	Disposition
Sample No:	21F010406				
		Calcium	3.5-4.5	4.24 %	Pass
		Crude Fiber	6.0	3.82 %	Pass
		Lysine	2.2	2.57 %	Pass
		Methionine	0.8	0.71 %	Pass
		Phosphorus	1.6	1.67 %	Pass
		Protein, Crude	38.0	38.11 %	Pass
		Salt (Sodium x 2.54)	1.0-1.5	1.78 %	Pass
Product:	Express Grower 32:0 B500 medicat				
Sample No:	21F010437				
		Calcium	5.5-6.5	5.77 %	Pass
		Crude Fiber	14.0	6.38 %	Pass
		Lasalocid	500	511.80 g/ton	Pass
		Potassium	0.75	1.66 %	Pass
		Protein, Crude	32.0	31.91 %	Pass
		Salt (Sodium x 2.54)	3.5-4.5	3.98 %	Pass
		Vitamin A	30000	33,293.17 IU/lb	Pass
Product:	Express Grower 40:16 B500 Medic				
Sample No:	21F010944				
		Calcium	5.5-6.5	4.92 %	Pass
		Crude Fiber	14.0	6.32 %	Pass
		Equivalent Crude Protein	16.0	15.00 %	Pass
		Lasalocid	500	594.90 g/ton	Pass
		Phosphorus	0.6	0.67 %	Pass
		Potassium	0.75	0.80 %	Pass
		Protein, Crude	40.0	42.45 %	Pass
		Salt (Sodium x 2.54)	3.5-4.5	3.97 %	Pass
		Vitamin A	30000	31,800.00 IU/lb	Pass
Product:	Freemar Milk Mineral 1.4 Bagged 0:				
Sample No:	21F010874				
		Calcium	15.0-18.0	16.58 %	Pass
		Magnesium	4.0	3.56 %	Pass
		Phosphorus	0.9	0.94 %	Pass
		Selenium	11.43	9.78 ppm	Pass
		Vitamin E	371	267.50 IU/lb	Pass
		Vitamin A	118848	126,499.31 IU/lb	Pass

Product:	Analyte	Claim	Found Unit	Disposition
GainRite Distiller Grower 0.5-.75 MC				
Sample No:	21F010919			
	Calcium	10.5-12.6	11.02 %	Pass
	Crude Fiber	18.0	5.58 %	Pass
	Monensin	800	714.52 g/ton	Pass
	Phosphorus	0.5	0.51 %	Pass
	Protein, Crude	5.0	18.43 %	Pass
	Salt (Sodium x 2.54)	7.0-8.4	7.49 %	Pass
	Vitamin A	60000	55,536.00 IU/lb	Pass
Homestead 16% Layer Pellet				
Sample No:	21F012520			
	Calcium	3.5-4.5	3.71 %	Pass
	Crude Fiber	8.0	5.66 %	Pass
	Lysine	0.7	0.80 %	Pass
	Methionine	0.3	0.34 %	Pass
	Phosphorus	0.6	0.74 %	Pass
	Protein, Crude	16.0	17.63 %	Pass
	Salt (Sodium x 2.54)	0.2-0.7	0.73 %	Pass
Homestead COB Sweet Mix				
Sample No:	21F012552			
	ADF	12.0	5.20 %	Pass
	Crude Fiber	10.0	5.70 %	Pass
	NDF	23.0	16.50 %	Pass
	Protein, Crude	9.0	10.50 %	Pass
HOMESTEAD COB SWEET MIX M				
Sample No:	21F001593			
	ADF	12.0	7.90 %	Pass
	Crude Fiber	10.0	5.85 %	Pass
	NDF	23.0	15.30 %	Pass
	Protein, Crude	9.0	10.71 %	Pass
Sample No:	21F001657			
	ADF	12.0	8.20 %	Pass
	Crude Fiber	10.0	5.90 %	Pass
	NDF	23.0	16.60 %	Pass
	Protein, Crude	5.0	10.59 %	Pass
Homestead Hen Scratch				

<u>Sample No:</u>	<u>21F012519</u>	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
		Crude Fiber	6.0	2.64 %	Pass
		Lysine	0.25	0.30 %	Pass
		Methionine	0.16	0.20 %	Pass
		Protein, Crude	9.0	9.56 %	Pass
Product:	Homestead Rabbit Familyettes				
Sample No:	21F012554				
		Vitamin A	5500	6,916.00 IU/lb	Pass
		Calcium	0.6-1.1	1.11 %	Pass
		Crude Fiber	14.0-16.0	13.63 %	Pass
		Phosphorus	0.6	0.41 %	Deficient
		Protein, Crude	18.0	19.13 %	Pass
		Salt (Sodium x 2.54)	0.7-1.2	1.36 %	Pass
Product:	Hubbard Complete Horse Power Pe				
Sample No:	21F012553				
		Vitamin A	10800	13,480.00 IU/lb	Pass
		ADF	24.0	22.70 %	Pass
		Calcium	0.3-0.8	0.89 %	Pass
		Crude Fiber	20.0	18.01 %	Pass
		NDF	40.0	35.70 %	Pass
		Phosphorus	0.4	0.48 %	Pass
		Protein, Crude	12.5	14.31 %	Pass
		Selenium	0.3	0.68 ppm	Pass
		Zinc	70	308.00 ppm	Pass
Product:	Layer Pellet NAB NAP				
Sample No:	21F002067				
		Calcium	3.3-4.3	3.87 %	Pass
		Crude Fiber	6.0	2.68 %	Pass
		Lysine	0.7	0.82 %	Pass
		Methionine	0.3	0.35 %	Pass
		Phosphorus	0.6	0.66 %	Pass
		Protein, Crude	17.0	16.96 %	Pass
		Salt (Sodium x 2.54)	0.2-0.7	0.63 %	Pass
Product:	Mineral Stockmaster N Take 14-6-6				
Sample No:	21F010873				
		Calcium	13.0-15.6	14.55 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Copper	2000	2,121.74	ppm	Pass
Phosphorus	6.0	5.82	%	Pass
Potassium	0.1	0.46	%	Pass
Salt (Sodium x 2.54)	5.5-6.6	5.27	%	Pass
Selenium	25	25.83	ppm	Pass
Vitamin E	1000	479.15	IU/lb	Deficient
Zinc	8000	8,291.58	ppm	Pass
Vitamin A	300000	241,356.00	IU/lb	Pass

Product: Prostock Concentrate

Sample No: 21F010404

Calcium	1.9-2.4	2.52	%	Pass
Crude Fiber	6.0	4.40	%	Pass
Lysine	2.6	2.31	%	Pass
Phosphorus	1.0	1.07	%	Pass
Protein, Crude	37.0	37.33	%	Pass
Salt (Sodium x 2.54)	1.5-2.0	2.26	%	Pass
Selenium	0.9	2.04	ppm	Pass
Zinc	435	577.63	ppm	Pass

Product: Prostock Concentrate for swine gro

Sample No: 21F010943

Calcium	1.9-2.4	2.56	%	Pass
Crude Fiber	6.0	4.26	%	Pass
Lysine	2.6	2.58	%	Pass
Phosphorus	1.0	1.13	%	Pass
Protein, Crude	37.0	37.17	%	Pass
Salt (Sodium x 2.54)	1.5-2.0	2.22	%	Pass
Selenium	0.9	1.71	ppm	Pass
Zinc	435	423.96	ppm	Pass

Product: Show-Rite Cruiser B30 Heifer Deve

Sample No: 21F010945

Calcium	0.8-1.3	1.37	%	Pass
Crude Fiber	12.0	12.53	%	Pass
Lasalocid	30	31.66	g/ton	Pass
Phosphorus	0.35	0.63	%	Pass
Potassium	0.8	0.72	%	Pass
Protein, Crude	13.0	14.94	%	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Stockmaster Sweet Phos 12				
Sample No: 21F002072				
	Salt (Sodium x 2.54)	0.4-0.9	0.75 %	Pass
	Vitamin A	4000	6,535.00 IU/lb	Pass
	Calcium	11.4-13.6	11.56 %	Pass
	Copper	1000	1,150.15 ppm	Pass
	Magnesium	0.7	0.87 %	Pass
	Phosphorus	12.0	9.94 %	Deficient
	Potassium	0.1	0.22 %	Pass
	Salt (Sodium x 2.54)	11.9-14.2	10.90 %	Pass
	Selenium	20	29.64 ppm	Pass
	Vitamin E	400	305.50 IU/lb	Pass
	Vitamin A	200000	285,540.00 IU/lb	Pass
Product: Stockmaster Sweet Phos 8				
Sample No: 21F002068				
	Calcium	14.1-16.9	18.33 %	Pass
	Copper	1000	985.93 ppm	Pass
	Magnesium	0.7	0.86 %	Pass
	Phosphorus	8.0	8.05 %	Pass
	Potassium	0.1	0.32 %	Pass
	Salt (Sodium x 2.54)	14.6-17.5	16.01 %	Pass
	Selenium	20	18.03 ppm	Pass
	Vitamin E	400	303.96 IU/lb	Pass
	Vitamin A	200000	281,660.00 IU/lb	Pass
Product: Stockmaster Sweet Phos 8 MON15				
Sample No: 21F002070				
	Calcium	14.1-16.9	15.24 %	Pass
	Copper	1000	1,007.98 ppm	Pass
	Magnesium	0.7	0.95 %	Pass
	Phosphorus	8.0	7.74 %	Pass
	Potassium	0.1	0.32 %	Pass
	Salt (Sodium x 2.54)	14.6-17.5	17.79 %	Pass
	Selenium	20.0	26.15 ppm	Pass
	Vitamin E	400	313.18 IU/lb	Pass
	Vitamin A	200000	246,420.00 IU/lb	Pass
Product: SUPER LAMB 14				

Sample No:		Analyte	Claim	Found Unit	Disposition
21F001594		Calcium	0.7-1.2	1.06 %	Pass
		Crude Fiber	17.0	10.26 %	Pass
		Phosphorus	0.6	0.68 %	Pass
		Protein, Crude	14.0	15.22 %	Pass
		Salt (Sodium x 2.54)	0.3-0.8	1.00 %	Pass
		Selenium	0.3	0.70 ppm	Pass
		Vitamin A	3300	2,959.00 IU/lb	Pass

Sample No:	21F001656	Calcium	0.7-1.2	1.13 %	Pass
		Crude Fiber	17.0	9.82 %	Pass
		Phosphorus	0.6	0.66 %	Pass
		Protein, Crude	14.0	14.97 %	Pass
		Salt (Sodium x 2.54)	0.3-0.8	0.87 %	Pass
		Selenium	0.3	0.70 ppm	Pass
		Vitamin A	3300	2,922.00 IU/lb	Pass

Product: Supergain 14 AB60 Aureo 140

Sample No:	21F010918	Calcium	0.7-1.2	1.24 %	Pass
		Chlortetracycline	140	104.80 g/ton	Pass
		Crude Fiber	17.0	14.79 %	Pass
		Lasalocid	60	64.57 g/ton	Pass
		Phosphorus	0.6	0.60 %	Pass
		Potassium	0.7	0.87 %	Pass
		Protein, Crude	14.0	13.88 %	Pass
		Salt (Sodium x 2.54)	0.3-0.8	0.81 %	Pass
		Vitamin A	3300	6,348.00 IU/lb	Pass

Product: Supergain 14 B60 medicated Beef (

Sample No:	21F010438	Calcium	0.7-1.2	1.04 %	Pass
		Crude Fiber	17.0	15.23 %	Pass
		Lasalocid	60	54.74 g/ton	Pass
		Phosphorus	0.6	0.65 %	Pass
		Potassium	0.7	0.95 %	Pass
		Protein, Crude	14.0	14.01 %	Pass
		Salt (Sodium x 2.54)	0.3-0.8	0.91 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manufacturer: Huvepharma, Inc	Vitamin A	3300	3,033.45 IU/lb	Pass
Product: Amprol 25%				
Sample No: 21F002034				
	Amprolium	25	21.29 %	Pass
Manufacturer: ILC Resources				
Product: UNICAL CALCIUM CARBONATE				
Sample No: 21F002286				
	Calcium	38.00-40.00	38.37 %	Pass
Manufacturer: J&R Feeds Distributing Inc.				
Product: 15-7 Mineral No Med 600741				
Sample No: 21F010860				
	Calcium	14.30-17.10	14.44 %	Pass
	Copper	1400	1,331.64 ppm	Pass
	Magnesium	1.00	1.24 %	Pass
	Manganese	4100	4,102.00 ppm	Pass
	Phosphorus	7.00	6.70 %	Pass
	Potassium	0.50	0.75 %	Pass
	Salt (Sodium x 2.54)	10.00-12.00	11.26 %	Pass
	Selenium	26	26.40 ppm	Pass
	Zinc	4100	3,930.66 ppm	Pass
	Vitamin A	240000	380,716.62 IU/lb	Pass
Product: 15-7 Mineral No Med Meal - minera				
Sample No: 21F010939				
	Calcium	14.30-17.10	15.10 %	Pass
	Copper	1400	1,392.70 ppm	Pass
	Magnesium	1.00	1.20 %	Pass
	Manganese	4100	4,142.35 ppm	Pass
	Phosphorus	7.00	6.93 %	Pass
	Potassium	0.50	0.68 %	Pass
	Salt (Sodium x 2.54)	10.00-12.00	11.34 %	Pass
	Selenium	26	26.93 ppm	Pass
	Zinc	4100	4,276.78 ppm	Pass
	Vitamin A	240000	254,230.00 IU/lb	Pass
Product: 16% Beef Creep Bovatec 90				
Sample No: 21F010401				

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Calcium	0.90-1.30	1.17 %	Pass
Crude Fiber	20.00	19.53 %	Pass
Lasalocid	91	95.59 g/ton	Pass
Phosphorus	0.50	0.49 %	Pass
Potassium	0.80	1.17 %	Pass
Protein, Crude	16.00	15.74 %	Pass
Salt (Sodium x 2.54)	0.50-0.90	0.34 %	Pass
Vitamin A	3000	5,703.59 IU/lb	Pass

Product: 42-14 Beef Grower Bovatec 500 Mc

Sample No: 21F010867

Calcium	4.00-4.80	4.05 %	Pass
Copper	190	243.77 ppm	Pass
Crude Fiber	8.50	7.84 %	Pass
Equivalent Crude Protein	14.1	12.80 %	Pass
Iodine	14	11.80 ppm	Pass
Phosphorus	1.00	1.11 %	Pass
Potassium	0.90	1.26 %	Pass
Protein, Crude	42.00	42.25 %	Pass
Salt (Sodium x 2.54)	4.00-4.30	3.77 %	Pass
Selenium	5.10	5.99 ppm	Pass
Zinc	780	1,006.60 ppm	Pass
Vitamin A	50000	10,395.30 IU/lb	Deficient

Product: 42-14 Beef Grower Supplement Rui

Sample No: 21F010403

Calcium	4.00-4.80	4.47 %	Pass
Copper	190	255.23 ppm	Pass
Crude Fiber	8.50	8.98 %	Pass
Equivalent Crude Protein	14.1	13.60 %	Pass
Iodine	14	13.30 ppm	Pass
Monensin	401.4	453.10 g/ton	Pass
Phosphorus	1.00	0.92 %	Pass
Potassium	0.90	1.41 %	Pass
Protein, Crude	42.00	43.27 %	Pass
Salt (Sodium x 2.54)	4.00-4.30	3.88 %	Pass
Selenium	5.10	5.38 ppm	Pass
Zinc	780	961.16 ppm	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>	
Product:	Bull Plus Complete Rumensin 30 P	Vitamin A	50000	12,840.00 IU/lb	Deficient
Sample No:	21F010938				
	Calcium	0.90-1.40	1.37 %	Pass	
	Copper	130	28.67 ppm	Deficient	
	Crude Fiber	15.50	15.89 %	Pass	
	Magnesium	0.30	0.32 %	Pass	
	Manganese	412	172.35 ppm	Deficient	
	Monensin	31	26.73 g/ton	Pass	
	Phosphorus	0.30	0.46 %	Pass	
	Potassium	0.80	1.37 %	Pass	
	Protein, Crude	14.00	14.00 %	Pass	
	Salt (Sodium x 2.54)	0.70-1.20	0.30 %	Deficient	
	Zinc	372	152.57 ppm	Deficient	
	Vitamin A	3000	3,068.00 IU/lb	Pass	
Product:	Distillers Grower Base Rumensin 7				
Sample No:	21F010942				
	Calcium	7.40-8.60	7.51 %	Pass	
	Copper	270	340.56 ppm	Pass	
	Crude Fiber	9.50	8.62 %	Pass	
	Equivalent Crude Protein	18.1	17.40 %	Pass	
	Magnesium	0.10	0.28 %	Pass	
	Manganese	860	206.23 ppm	Deficient	
	Monensin	751	590.91 g/ton	Pass	
	Phosphorus	1.00	1.09 %	Pass	
	Potassium	1.00	0.97 %	Pass	
	Protein, Crude	44.00	44.95 %	Pass	
	Salt (Sodium x 2.54)	5.50-6.30	5.60 %	Pass	
	Selenium	6.70	1.15 ppm	Deficient	
	Zinc	1084	558.57 ppm	Deficient	
	Vitamin A	69000	4,586.50 IU/lb	Deficient	
Product:	Mineral - Beef 2:1 Starter Grower 6				
Sample No:	21F010842				
	Calcium	13.30-15.90	14.39 %	Pass	
	Copper	1500	1,365.59 ppm	Pass	
	Magnesium	1.40	1.59 %	Pass	

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Manganese	6100	5,561.31	ppm	Pass
Phosphorus	7.00	6.99	%	Pass
Potassium	1.40	1.46	%	Pass
Salt (Sodium x 2.54)	7.30-9.30	6.50	%	Pass
Selenium	26	22.31	ppm	Pass
Zinc	6300	6,969.94	ppm	Pass
Vitamin A	190000	206,722.28	IU/lb	Pass

Product: Pheasant Grower 20%

Sample No: 21F010402

Calcium	1.00-1.50	1.01	%	Pass
Crude Fiber	5.50	5.69	%	Pass
Lysine	0.90	1.08	%	Pass
Methionine	0.30	0.47	%	Pass
Phosphorus	0.70	0.74	%	Pass
Protein, Crude	19.00	20.40	%	Pass
Salt (Sodium x 2.54)	0.40-0.90	0.97	%	Pass

Manufacturer: Kaytee Products Inc.-Chilton

Product: Fiesta Rabbit Food

Sample No: 21F001961

Calcium	0.30-0.50	0.46	%	Pass
Crude Fiber	11.0-16.0	15.63	%	Pass
Omega 3 Fatty Acids	0.2	0.35	%	Pass
Phosphorus	0.3	0.37	%	Pass
Protein, Crude	14.0	15.18	%	Pass
Salt (Sodium x 2.54)	0.25-0.75	0.65	%	Pass
Total Moisture	12.0	10.26	%	Pass
Vitamin A	4000	4,417.00	IU/lb	Pass

Product: Hamster & Gerbil daily Food2

Sample No: 21F001960

Crude Fat, Acid Hydrolysis	6.0	7.97	%	Pass
Crude Fiber	10.0	7.38	%	Pass
Protein, Crude	13.5	13.10	%	Pass
Total Moisture	12.0	10.74	%	Pass

Product: Kaytee Mouse, Rat & Hamster

Sample No: 21F012617

Crude Fiber	7.0	4.69	%	Pass
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	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Kaytee Peanut Suet Nuggets for all				
Sample No: 21F012633				
	Moisture (Loss on Drying)	12.0	11.69 %	Pass
	Protein, Crude	21.0	20.43 %	Pass
Product: KayTee Rabbit Feed				
Sample No: 21F011279				
	Crude Fat, Acid Hydrolysis	26.0	25.53 %	Pass
	Crude Fiber	4.0	2.25 %	Pass
	Moisture (Loss on Drying)	10.0	8.31 %	Pass
	Protein, Crude	7.0	11.33 %	Pass
Manufacturer: Kent Nutrition Group, Inc-Musc				
Product: 1371 SD ADE Breeder Plus Mineral				
Sample No: 21F010431				
	Calcium	0.6-1.1	0.60 %	Pass
	Crude Fiber	14.0-19.0	16.28 %	Pass
	Moisture (Loss on Drying)	12.0	10.19 %	Pass
	Phosphorus	0.4	0.43 %	Pass
	Protein, Crude	16.5	16.93 %	Pass
	Salt (Sodium x 2.54)	0.25-0.75	0.42 %	Pass
	Vitamin A	2500	2,081.50 IU/lb	Pass
Product: 1787 Precision Dairy Beef Grower 1				
Sample No: 21F010363				
	ADF	12.5	13.10 %	Pass
	Calcium	2.25-2.75	3.06 %	Pass
	Crude Fiber	10.0	9.67 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Monensin	150	163.40 g/ton	Pass
Phosphorus	1.0	0.92 %	Pass
Protein, Crude	32.0	31.25 %	Pass
Salt (Sodium x 2.54)	1.25-1.75	1.95 %	Pass
Selenium	1.2	2.13 ppm	Pass
Vitamin A	40000	62,875.34 IU/lb	Pass

Product: 3550 Backyard Basics Layer

Sample No: 21F011495

Calcium	3.3-4.3	3.82 %	Pass
Crude Fiber	6.0	5.20 %	Pass
Lysine	0.7	0.81 %	Pass
Methionine	0.35	0.39 %	Pass
Phosphorus	0.6	0.69 %	Pass
Protein, Crude	16.0	16.77 %	Pass
Salt (Sodium x 2.54)	0.2-0.7	0.47 %	Pass
Vitamin A	2950	3,493.00 IU/lb	Pass

Product: Backyard Basics layer 3550

Sample No: 21F010968

Calcium	3.3-4.3	3.56 %	Pass
Crude Fiber	6.0	5.60 %	Pass
Lysine	0.7	0.80 %	Pass
Methionine	0.35	0.38 %	Pass
Phosphorus	0.6	0.76 %	Pass
Protein, Crude	16.0	17.53 %	Pass
Salt (Sodium x 2.54)	0.2-0.7	0.52 %	Pass
Vitamin A	2950	3,120.64 IU/lb	Pass

Product: Framework 365 Mineral Breeder NS

Sample No: 21F010936

Calcium	15.3-18.3	15.56 %	Pass
Copper	3000	3,264.55 ppm	Pass
Magnesium	0.5	1.38 %	Pass
Manganese	4950	5,211.34 ppm	Pass
Phosphorus	7.5	6.39 %	Deficient
Potassium	0.15	0.37 %	Pass
Selenium	26.4	27.55 ppm	Pass
Vitamin E	375	272.60 IU/lb	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Home Fresh Extra Egg Layer Cruml				
Sample No: 21F010937				
	Zinc	4750	5,375.88 ppm	Pass
	Vitamin A	380000	420,318.17 IU/lb	Pass
Product: Home Fresh Extra Egg Layer Cruml				
Sample No: 21F010430				
	Calcium	3.3-4.3	3.48 %	Pass
	Crude Fiber	4.0	4.29 %	Pass
	Lysine	0.75	0.87 %	Pass
	Manganese	135	175.80 ppm	Pass
	Methionine	0.37	0.38 %	Pass
	Phosphorus	0.6	0.62 %	Pass
	Protein, Crude	16.0	17.78 %	Pass
	Salt (Sodium x 2.54)	0.2-0.7	0.53 %	Pass
	Selenium	0.3	0.73 ppm	Pass
	Vitamin A	4275	4,861.00 IU/lb	Pass
Product: Home Fresh Extra Egg Layer Cruml				
Sample No: 21F010430				
	Calcium	3.3-4.3	3.74 %	Pass
	Crude Fiber	4.0	3.76 %	Pass
	Lysine	0.75	0.76 %	Pass
	Methionine	0.37	0.34 %	Pass
	Phosphorus	0.6	0.60 %	Pass
	Protein, Crude	16.0	16.69 %	Pass
	Salt (Sodium x 2.54)	0.2-0.7	0.48 %	Pass
	Selenium	0.3	0.81 ppm	Pass
	Vitamin A	4275	6,354.45 IU/lb	Pass
Product: HP Calf Creep 60B Medicated				
Sample No: 21F011498				
	Calcium	1.45-1.95	1.80 %	Pass
	Crude Fiber	15.0	9.87 %	Pass
	Lasalocid	60	62.00 g/ton	Pass
	Phosphorus	0.60	0.80 %	Pass
	Potassium	0.9	0.97 %	Pass
	Protein, Crude	16.0	17.69 %	Pass
	Salt (Sodium x 2.54)	0.3-0.8	0.61 %	Pass
	Vitamin A	10000	11,550.00 IU/lb	Pass
Product: Kent Clarify Milk Formula 1 DQ Mec				

<u>Sample No:</u>	<u>21F010969</u>	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
		Calcium	0.75-1.25	1.06 %	Pass
		Crude Fat, Base Hydrolysis	20	18.43 %	Pass
		Decoquinatate	36.3	35.14 g/ton	Pass
		Phosphorus	0.70	0.80 %	Pass
		Protein, Crude	20.00	19.52 %	Pass
		Vitamin A	30000	40,424.80 IU/lb	Pass
Product:	Kent HP Calf Creep 40R medicated				
Sample No:	21F010429				
		Calcium	1.45-1.95	1.83 %	Pass
		Crude Fiber	15.0	12.00 %	Pass
		Monensin	40	33.56 g/ton	Pass
		Phosphorus	0.6	0.75 %	Pass
		Potassium	0.9	0.98 %	Pass
		Protein, Crude	16.0	16.29 %	Pass
		Salt (Sodium x 2.54)	0.3-0.8	0.56 %	Pass
		Vitamin A	10000	10,952.73 IU/lb	Pass
Product:	Precision Dairy Beef Finisher ZP 32				
Sample No:	21F010361				
		ADF	15.0	14.60 %	Pass
		Calcium	6.3-7.5	6.59 %	Pass
		Crude Fiber	12.0	9.70 %	Pass
		Equivalent Crude Protein	12	13.50 %	Excessive
		Monensin	320	347.50 g/ton	Pass
		Phosphorus	0.5	0.52 %	Pass
		Potassium	3.2	3.44 %	Pass
		Protein, Crude	36.0	38.48 %	Pass
		Salt (Sodium x 2.54)	2.5-3.0	2.99 %	Pass
		Selenium	3.0	4.47 ppm	Pass
		Tylosin	100	82.23 g/ton	Pass
		Zinc	1000	1,185.97 ppm	Pass
		Vitamin A	40000	58,543.40 IU/lb	Pass
Product:	Ralph's 40-20 500R Medicated sup				
Sample No:	21F010428				
		Calcium	8.0-9.6	8.35 %	Pass
		Crude Fiber	10.0	6.20 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Equivalent Crude Protein	22.0	20.50	%	Pass
Monensin	500	468.50	g/ton	Pass
Phosphorus	0.85	0.91	%	Pass
Potassium	0.75	0.74	%	Pass
Protein, Crude	40.0	40.50	%	Pass
Salt (Sodium x 2.54)	2.3-2.8	2.95	%	Pass
Zinc	1050	1,188.49	ppm	Pass
Vitamin A	30000	55,209.59	IU/lb	Pass

Manufacturer: Lesaffre Yeast Coop

Product: Saf Mannan

Sample No: 21F002273

Protein, Crude	10-25	19.88	%	Pass
Total Moisture	6	3.74	%	Pass

Manufacturer: Manna Pro Products, LLC

Product: Carrot & Spice Nuggets

Sample No: 21F001965

ADF	25.0	17.90	%	Pass
Calcium	1.0-1.5	1.22	%	Pass
Crude Fiber	18.0	13.90	%	Pass
NDF	42.0	33.50	%	Pass
Phosphorus	0.5	0.68	%	Pass
Protein, Crude	14.0	13.55	%	Pass
Selenium	0.3	0.62	ppm	Pass
Sodium	0.4-0.9	0.59	%	Pass
Zinc	100	166.30	ppm	Pass
Vitamin A	3000	6,324.00	IU/lb	Pass

Product: Chick Stick Treat For Young Poultr

Sample No: 21F000222

Calcium	0.20-0.70	0.42	%	Pass
Crude Fat, Acid Hydrolysis	26.9	29.19	%	Pass
Crude Fiber	9.30	3.71	%	Pass
Lysine	0.18	0.43	%	Pass
Methionine	0.07	0.18	%	Pass
Phosphorus	0.15	0.57	%	Pass
Protein, Crude	8.90	13.06	%	Pass

Product: Flax Enriched Horse Treats(FlaxSn

Sample No:	Analyte	Claim	Found Unit	Disposition
21F000210	Crude Fat, Acid Hydrolysis	13.00	14.37 %	Pass
	Crude Fiber	8.00	4.71 %	Pass
	Omega 3 Fatty Acids	5.75	5.20 %	Pass
	Protein, Crude	12.00	17.44 %	Pass
Product:	Garden Delight Poultry Treat			
Sample No:	21F001962			
	Calcium	0.01-0.50	0.26 %	Pass
	Crude Fat, Acid Hydrolysis	7.00	9.14 %	Pass
	Crude Fiber	10.00	6.47 %	Pass
	Lysine	0.40	0.66 %	Pass
	Methionine	0.10	0.22 %	Pass
	Phosphorus	0.25	0.37 %	Pass
	Protein, Crude	15.00	15.26 %	Pass
	Salt (Sodium x 2.54)	0.01-0.50	0.34 %	Pass
	Sodium	0.01-0.50	0.13 %	Pass
Product:	HoofSnax Biotin Enriched Horse Treat			
Sample No:	21F000214			
	Crude Fat, Acid Hydrolysis	8.00	10.69 %	Pass
	Crude Fiber	9.00	5.26 %	Pass
	Protein, Crude	11.00	16.30 %	Pass
Manufacturer:	Mars Petcare US			
Product:	Pedigree Choice Cuts With Gravy			
Sample No:	21F012616			
	Moisture (Loss on Drying)	82.0	78.84 %	Pass
	Protein, Crude	8.0	9.59 %	Pass
Manufacturer:	McFleeg Feeds			
Product:	Gut Guard			
Sample No:	21F000208			
	Crude Fiber	20.0	32.68 %	Excessive
Product:	LAYER BASE SUPREME			
Sample No:	21F000204			
	Calcium	11.50-14.50	11.78 %	Pass
	Crude Fiber	4.00	4.49 %	Pass
	Phosphorus	3.5	3.46 %	Pass
	Protein, Crude	22.00	26.79 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: McFLEEG GOLDEN NUGGET #2 C				
Sample No:	21F000209			
	Selenium	4.25	4.96 ppm	Pass
	Calcium	0.70-1.20	0.74 %	Pass
	Crude Fat, Acid Hydrolysis	7.50	9.27 %	Pass
	Crude Fiber	4.00	3.59 %	Pass
	Lysine	1.58	1.51 %	Pass
	Phosphorus	0.62	0.66 %	Pass
	Protein, Crude	21.00	25.23 %	Pass
	Salt (Sodium x 2.54)	0.60-1.10	1.04 %	Pass
	Selenium	0.3	0.69 ppm	Pass
	Zinc	3000	2,744.50 ppm	Pass
Product: PNC Beef COW MINERAL				
Sample No:	21F000201			
	Calcium	9.00-11.00	10.89 %	Pass
	Iodine	250	264.00 ppm	Pass
	Magnesium	2.50	2.69 %	Pass
	Manganese	3600	4,780.50 ppm	Pass
	Phosphorus	5.00	4.64 %	Pass
	Salt (Sodium x 2.54)	27.00-29.00	26.78 %	Pass
	Selenium	13	14.27 ppm	Pass
	Vitamin E	500	367.54 IU/lb	Pass
	Zinc	3600	5,277.30 ppm	Pass
	Vitamin A	200000	357,950.00 IU/lb	Pass
Product: PNC YEARLING/HOOF MINERAL				
Sample No:	21F000202			
	Calcium	14.00-16.00	15.87 %	Pass
	Copper	900	935.00 ppm	Pass
	Iodine	250	346.00	Pass
	Magnesium	2.50	2.35 %	Pass
	Manganese	3600	4,529.52 ppm	Pass
	Salt (Sodium x 2.54)	27.00-29.00	31.29 %	Pass
	Selenium	13	11.72 ppm	Pass
	Vitamin E	500	439.99 IU/lb	Pass
	Zinc	3600	3,055.63 ppm	Pass
	Vitamin A	200000	337,476.00 IU/lb	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: POULTRY PRODUCTION BASE				
Sample No:	21F000203			
	Calcium	15.00-18.00	16.26 %	Pass
	Phosphorus	7.00	7.15 %	Pass
	Salt (Sodium x 2.54)	3.50-4.50	4.66 %	Pass
	Selenium	5.0	5.97 ppm	Pass
Product: Soybean Meal 47%				
Sample No:	21F001463			
	Crude Fiber	4.5	4.09 %	Pass
	Protein, Crude	46.5	45.98 %	Pass
Product: SUPERSONIC				
Sample No:	21F000207			
	Crude Fiber	11.0	11.70 %	Pass
	Protein, Crude	12.00	16.16 %	Pass
Manufacturer: Merrick Pet Care, Inc				
Product:	Merrick Thanksgiving Day Dinner D			
Sample No:	21F012645			
	Moisture (Loss on Drying)	82	76.72 %	Pass
	Protein, Crude	8	11.13 %	Pass
Manufacturer: Midstates Distributings				
Product:	Country Companion Dried Mealwor			
Sample No:	21F003216			
	Calcium	0.03-0.05	0.02 %	Deficient
	Crude Fat, Acid Hydrolysis	25	32.11 %	Pass
	Crude Fiber	7	6.30 %	Pass
	Lysine	2.6	3.06 %	Pass
	Methionine	0.9	0.69 %	Deficient
	Moisture (Loss on Drying)	5	4.70 %	Pass
	Phosphorus	0.6	0.67 %	Pass
	Protein, Crude	50	50.18 %	Pass
	Salt (Sodium x 2.54)	0.5-0.72	0.34 %	Pass
	Sodium	0.08-0.11	0.08 %	Pass
Product: Wildology For Puppies				
Sample No:	21F011341			
	Crude Fat, Acid Hydrolysis	8	9.76 %	Pass
	Moisture (Loss on Drying)	78	72.24 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Omega 3 Fatty Acids	0.1	0.09	%	Pass
Omega 6 Fatty Acids	1.0	1.86	%	Pass
Protein, Crude	10	11.54	%	Pass
Taurine	0.05	0.08	%	Pass

Product: Wildology Wholesome Climb Cat Fc

Sample No: 21F012613

Crude Fat, Acid Hydrolysis	7	7.50	%	Pass
Moisture (Loss on Drying)	78	74.97	%	Pass
Omega 3 Fatty Acids	0.1	0.08	%	Pass
Omega 6 Fatty Acids	1.0	1.44	%	Pass
Protein, Crude	10	11.15	%	Pass
Taurine	0.05	0.12	%	Pass

Manufacturer: Midwest Ag Supplement

Product: Dairysweet 22 Liquid Feed

Sample No: 21F010192

Calcium	0.50	0.57	%	Pass
Moisture (Loss on Drying)	47	47.02	%	Pass
Phosphorus	0.40	0.40	%	Pass
Potassium	1.5	1.72	%	Pass
Protein, Crude	8	8.32	%	Pass
Total Sugars (Invert)	22	24.39	%	Pass

Product: Forager Pro 40 Liquid Feed

Sample No: 21F010190

Calcium	0.25-0.75	0.80	%	Pass
Copper	225	214.92	ppm	Pass
Equivalent Crude Protein	37	33.40	%	Pass
Iodine	21	21.80	ppm	Pass
Phosphorus	1	0.97	%	Pass
Potassium	1	1.66	%	Pass
Protein, Crude	40	39.87	%	Pass
Salt (Sodium x 2.54)	3.25-4.25	3.07	%	Pass
Selenium	2.0	2.21	ppm	Pass
Total Sugars (Invert)	17	16.05	%	Pass
Zinc	765	851.23	ppm	Pass
Vitamin A	35000	33,606.00	IU/lb	Pass

Product: Mill Mix 5-5-36

Sample No:		Analyte	Claim	Found Unit	Disposition
21F004204		Calcium	0.25-0.75	0.95 %	Excessive
		Iodine	1	1.07 ppm	Pass
		Lab Moisture	29	28.77 %	Pass
		Moisture (Loss on Drying)	29	28.77 %	Pass
		Phosphorus	0.2	0.29 %	Pass
		Potassium	1.0	2.44 %	Pass
		Protein, Crude	3.0	4.59 %	Pass
		Salt (Sodium x 2.54)	3.0-4.0	1.11 %	Deficient
		Total Sugars (Invert)	37	27.92 %	Deficient
Product: Molasses,Forager 40					
21F001661		Calcium	0.25-0.75	0.69 %	Pass
		Copper	225	209.60 ppm	Pass
		Iodine	21	25.60 ppm	Pass
		Phosphorus	1.0	1.06 %	Pass
		Potassium	1.0	1.50 %	Pass
		Protein, Crude	40.0	40.20 %	Pass
		Salt (Sodium x 2.54)	3.25-4.25	2.90 %	Pass
		Selenium	2.0	2.14 ppm	Pass
		Total Moisture	45	46.35 %	Pass
		Vitamin A	35000	35,840.00 IU/lb	Pass
Product: Sweetstart 12 Liquid Feed					
21F010191		Calcium	0.75-1.25	1.15 %	Pass
		Copper	525	513.14 ppm	Pass
		Equivalent Crude Protein	7	4.20 %	Pass
		Iodine	95	106.00 ppm	Pass
		Moisture (Loss on Drying)	41	47.81 %	Excessive
		Phosphorus	0.20	0.18 %	Pass
		Potassium	2	1.97 %	Pass
		Protein, Crude	12	12.39 %	Pass
		Salt (Sodium x 2.54)	2.50-3.50	2.76 %	Pass
		Selenium	5.40	5.80 ppm	Pass
		Total Sugars (Invert)	24	19.69 %	Deficient
		Zinc	2075	2,075.43 ppm	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manufacturer: Milk Products LLC-Chilton				
Product: Sav*A*chick Electrolyte				
Sample No: 21F000223				
	Vitamin A	80000	42,787.50 IU/lb	Deficient
	Potassium	15.0	15.30 %	Pass
	Sodium	14.0-14.5	24.67 %	Excessive
	Vitamin D3	1280000	3,193,344.00 IU/lb	Pass
	Vitamin E	960	1,159.62 IU/lb	Pass
	Vitamin A	1280000	1,888,000.00 IU/lb	Pass
Manufacturer: Millbrook Feeds LLC-Mitchell				
Product: Aureo 10 Gram				
Sample No: 21F002645				
	Calcium	5.0-7.0	10.33 %	Excessive
	Crude Fiber	8.0	6.63 %	Pass
	Protein, Crude	12.0	14.46 %	Pass
	Chlortetracycline (CTC)	20000	14,588.00 g/ton	Pass
Product: AUREO 20 GRAM				
Sample No: 21F002302				
	Calcium	5.0-6.0	10.38 %	Excessive
	Chlortetracycline	40000	31,716.00 g/ton	Pass
	Crude Fiber	11.0	6.15 %	Pass
	Protein, Crude	8.0	18.54 %	Pass
Product: FT 110 High Phos Mineral				
Sample No: 21F002063				
	Calcium	13.0-15.0	14.19 %	Pass
	Copper	1200.0	1,119.75 ppm	Pass
	Iodine	35.0	14.55 ppm	Deficient
	Magnesium	1	1.57 %	Pass
	Manganese	2400.0	2,558.13 ppm	Pass
	Phosphorus	10	9.96 %	Pass
	Potassium	0.2	0.29 %	Pass
	Salt (Sodium x 2.54)	11-13	11.17 %	Pass
	Vitamin E	280	138.34 IU/lb	Deficient
	Zinc	2400.0	2,241.44 ppm	Pass
	Vitamin A	100000	146,100.00 IU/lb	Pass
Product: FT 30-0 Range Pellets				

Sample No:	Analyte	Claim	Found Unit	Disposition
21F002032	Calcium	2-3	2.31 %	Pass
	Crude Fiber	6	5.88 %	Pass
	Magnesium	0.3	0.39 %	Pass
	Phosphorus	.6	1.21 %	Pass
	Potassium	1	1.40 %	Pass
	Protein, Crude	30	25.99 %	Deficient
	Vitamin A	60000	86,280.00 IU/lb	Pass
Product: FT114 Western Range Availa Min				
21F002040	Vitamin A	30000	IU/lb	
	Calcium	1.25-1.75	1.77 %	Deficient
	Crude Fiber	3	%	
	Lysine	1.50	%	
	Phosphorus	0.55	0.47 %	Deficient
	Phosphorus	0.55	%	
	Potassium	1.3	1.42 %	Pass
	Protein, Crude	28	%	
	Salt (Sodium x 2.54)	0-1.05	0.62 %	Deficient
Product: MBIII CALF CREEP 16%AN				
21F002301	Calcium	0.5-1.0	1.70 %	Excessive
	Copper	90.0	94.70 ppm	Pass
	Crude Fiber	6.0	5.30 %	Pass
	Phosphorus	0.6	0.66 %	Pass
	Potassium	0.8	1.26 %	Pass
	Protein, Crude	16.0	18.28 %	Pass
	Salt (Sodium x 2.54)	0.3-1.0	0.75 %	Pass
	Zinc	300.0	505.14 ppm	Pass
	Vitamin A	24000.0	25,710.00 IU/lb	Pass
Product: Swine Supplement 40%				
21F002066	Calcium	2.5-3	2.89 %	Pass
	Crude Fiber	3	4.40 %	Excessive
	Phosphorus	1	1.50 %	Pass
	Protein, Crude	40	40.00 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manufacturer: Muggli Bros Inc				
Product: 3/4" 50-50 Range Cake				
Sample No: 21F010445				
	Salt (Sodium x 2.54)	2-3	2.55 %	Pass
	Crude Fiber	18.00	18.72 %	Pass
	Protein, Crude	20.00	17.06 %	Deficient
Product: 3/8" 50-50 Alfalfa/Grain Pellets				
Sample No: 21F010447				
	Crude Fiber	18	18.04 %	Pass
	Protein, Crude	14	14.28 %	Pass
Manufacturer: Nestle Purina Petcare Compan				
Product: Purina Beggins Brand Dog Treats				
Sample No: 21F011486				
	Crude Fiber	3.5	1.61 %	Pass
	Moisture (Loss on Drying)	27.0	22.19 %	Pass
	Protein, Crude	15.0	18.46 %	Pass
Manufacturer: New Generation Feeds				
Product: NE 30				
Sample No: 21F004262				
	Calcium	2.0-2.5	2.78 %	Pass
	Copper	300	324.83 ppm	Pass
	Equivalent Crude Protein	15	0.67 %	Pass
	Iodine	15	15.30 ppm	Pass
	Manganese	1200	1,215.92 ppm	Pass
	Phosphorus	2.0	2.22 %	Pass
	Potassium	2.5	2.07 %	Deficient
	Protein, Crude	30.0	31.91 %	Pass
	Selenium	6.6	7.39 ppm	Pass
	Zinc	1200	981.22 ppm	Pass
	Vitamin A	80,000	87,550.00 IU/lb	Pass
Product: NE-30 Altosid				
Sample No: 21F004273				
	Calcium	2.3-2.8	2.42 %	Pass
	Copper	300	343.23 ppm	Pass
	Equivalent Crude Protein	15	0.88 %	Pass
	Iodine	15	17.20 ppm	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manganese	1200	1,220.69 ppm	Pass
Phosphorus	2.0	1.94 %	Pass
Potassium	2.0	2.05 %	Pass
Protein, Crude	30	30.80 %	Pass
Selenium	6.6	6.16 ppm	Pass
Zinc	1200	1,186.04 ppm	Pass
Vitamin A	80,000	75,800.00 IU/lb	Pass

Product: SmartLic AP-18

Sample No: 21F003932

Calcium	1.0-1.5	1.61 %	Pass
Iodine	10	8.10 ppm	Pass
Manganese	800	673.37 ppm	Pass
Phosphorus	1.0	0.99 %	Pass
Potassium	2.5	2.41 %	Pass
Protein, Crude	18.0	18.06 %	Pass
Selenium	2.0	2.72 ppm	Pass
Zinc	800	662.94 ppm	Pass
Vitamin A	50,000	42,330.00 IU/lb	Pass

Product: Smartlic NE-30

Sample No: 21F003933

Calcium	2.0-2.5	2.63 %	Pass
Copper	300	299.36 ppm	Pass
Equivalent Crude Protein	15	1.00 %	Pass
Iodine	15	16.20 ppm	Pass
Manganese	1200	1,144.50 ppm	Pass
Phosphorus	2.0	1.89 %	Pass
Potassium	2.5	2.21 %	Pass
Protein, Crude	30.0	31.76 %	Pass
Selenium	6.6	5.82 ppm	Pass
Zinc	1200	1,453.68 ppm	Pass
Vitamin A	80,000	64,371.00 IU/lb	Pass

Manufacturer: North Dakota Mill-Grand Forks

Product: Wheat Middling and ground Grain S

Sample No: 21F002071

Crude Fiber	9.50	8.69 %	Pass
Protein, Crude	14.50	15.57 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Total Moisture	14.00	12.56 %	Pass

Manufacturer: Pellet Technology, USA - York
Product: PowerCubes 28% DDGS CUBE

Sample No: 21F001596

ADF	18.0	10.30 %	Pass
Crude Fat, Acid Hydrolysis	8.0	9.87 %	Pass
Crude Fiber	10.0	6.17 %	Pass
Phosphorus	0.7	0.69 %	Pass
Protein, Crude	28.0	29.29 %	Pass

Manufacturer: PMI Nutrition, LLC
Product: Red Flannel Hi-Protein Formula Dog

Sample No: 21F010950

Calcium	1.2	2.21 %	Pass
Crude Fat, Acid Hydrolysis	12	12.55 %	Pass
Crude Fiber	4.0	3.05 %	Pass
Moisture (Loss on Drying)	12.0	6.89 %	Pass
Omega-6 Fatty Acids	1.5	1.93 %	Pass
Phosphorus	1.0	1.44 %	Pass
Protein, Crude	27.0	29.08 %	Pass
Zinc	125	246.90 ppm	Pass
Vitamin A	10000	13,236.87 IU/kg	Pass

Product: Red Flannel Prime Formula dog food

Sample No: 21F010949

Calcium	1.2	1.09 %	Pass
Crude Fat, Acid Hydrolysis	18	17.81 %	Pass
Crude Fiber	3.0	2.46 %	Pass
Moisture (Loss on Drying)	10.0	6.53 %	Pass
Omega-3 Fatty Acids	0.4	0.39 %	Pass
Omega-6 Fatty Acids	3.0	2.89 %	Pass
Phosphorus	1.0	1.13 %	Pass
Protein, Crude	26.0	28.57 %	Pass
Zinc	125	248.00 ppm	Pass
Vitamin A	10000	13,465.70 IU/kg	Pass

Manufacturer: Poet Nutrition, LLC - Sioux Fall
Product: Corn Distillers Oil

Sample No: 21F000332

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Dakota Gold	Free Fatty Acids	15	3.50 %	Pass
	Total Fatty Acids	90	90.68 %	Pass
	Total Moisture	1	0.36 %	Pass
Sample No: 21F003758				
	Crude Fiber	9.0	9.09 %	Pass
	Moisture (Loss on Drying)	12.5	9.63 %	Pass
	Protein, Crude	27.0	26.27 %	Pass
	Sulfur	0-1.5	0.71 %	Pass
Product: Dakota Gold ProPellet				
Sample No: 21F011497				
	Crude Fiber	9.00	6.64 %	Pass
	Protein, Crude	28.00	28.45 %	Pass
	Sulfur, Feed-Grav	0-1.50	0.94 %	Pass
Product: DDG (Dried Distillers Grains)				
Sample No: 21F000329				
	Crude Fiber	9	8.26 %	Pass
	Protein, Crude	25	29.98 %	Pass
	Sulfur	0-1.5	0.95 %	Pass
	Total Moisture	12.5	11.20 %	Pass
Product: DDGHF (Dried Distillers Grain HF)				
Sample No: 21F000330				
	Crude Fat, Acid Hydrolysis	6	12.56 %	Pass
	Crude Fiber	9	7.70 %	Pass
	Protein, Crude	27	27.28 %	Pass
	Sulfur	0-1.5	0.92 %	Pass
	Total Moisture	12.5	9.96 %	Pass
Product: POET DDGS				
Sample No: 21F010951				
	Crude Fiber	9.0	7.42 %	Pass
	Moisture (Loss on Drying)	12.5	11.21 %	Pass
	Protein, Crude	25.0	26.81 %	Pass
	Sulfur	1.5	0.82 %	Pass
Sample No: 21F011484				
	Crude Fiber	9.0	7.56 %	Pass
	Moisture (Loss on Drying)	12.5	10.13 %	Pass

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
		Protein, Crude	25.0	27.30 %	Pass
		Sulfur	1.5	0.82 %	Pass
Product:	Syrup				
Sample No:	21F000331				
		Crude Fiber	3	1.04 %	Pass
		Protein, Crude	5	11.05 %	Pass
		Sulfur	0.95	0.78 %	Pass
		Total Moisture	75	59.40 %	Pass
Sample No:	21F003759				
		Crude Fiber	3.00	0.51 %	Pass
		Moisture (Loss on Drying)	78.00	75.78 %	Pass
		Protein, Crude	4.00	6.00 %	Pass
		Sulfur	0-0.95	0.30 %	Pass
Product:	Wet Cake				
Sample No:	21F003684				
		Crude Fiber	5.00	3.76 %	Pass
		Lab Moisture		2.79 %	
		Partial Moisture		66.73 %	
		Protein, Crude	9.00	7.16 %	Deficient
		Sulfur	0-0.95	0.17 %	Pass
		Total Dry Matter		32.34 %	
		Total Moisture	72	67.66 %	Pass
Product:	Wet Distillers Grains				
Sample No:	21F000290				
		Crude Fiber	5	3.71 %	Pass
		Protein, Crude	9	11.11 %	Pass
		Sulfur	0-0.95	0.25 %	Pass
		Total Moisture	72	66.02 %	Pass
Manufacturer:	Pro Earth Animal Health				
Product:	PE 100 1 K Cattle Active RA Granul				
Sample No:	21F002022				
		Calcium	28.0-29.0	29.65 %	Pass
		Phosphorus	0.1	0.22 %	Pass
		Protein, Crude	6.0	5.75 %	Pass
Product:	PE105 1K CATTL ACTIVE RA				
Sample No:	21F002285				

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Calcium	8.0-9.0	13.89	%	Excessive
Crude Fiber	20.0	27.01	%	Excessive
Phosphorus	0.3	0.10	%	Deficient

Product: PE167 CC Klamath Beef Min Bov

Sample No: 21F002023

Calcium	8.5-9.5	9.85	%	Pass
Copper	1700	1,633.62	ppm	Pass
Lasalocid	1400	1,181.10	g/ton	Pass
Magnesium	1.4	1.64	%	Pass
Phosphorus	0.1	1.38	%	Pass
Potassium	1.4	1.51	%	Pass
Salt (Sodium x 2.54)	17.5-18.5	17.23	%	Pass
Selenium	25	52.60	ppm	Pass
Zinc	3700	4,010.10	ppm	Pass
Vitamin A	150000	259,400.00	IU/lb	Pass

Manufacturer: Purina Animal Nutrition LLC - A

Product: ACCURATION* RANGE SUPPLEM

Sample No: 21F004032

Calcium	1.75-2.25	2.23	%	Pass
Crude Fat, Acid Hydrolysis	9.0	10.24	%	Pass
Crude Fiber	5.00	5.06	%	Pass
Monensin	130.00	144.03	g/ton	Pass
Phosphorus	1.00	1.00	%	Pass
Potassium	0.30	0.66	%	Pass
Protein, Crude	33.00	32.69	%	Pass
Salt (Sodium x 2.54)	4.50-5.50	4.78	%	Pass
Vitamin A	12,000	15,266.00	IU/lb	Pass

Product: DDG R 800

Sample No: 21F004031

Calcium	13.73-16.47	16.78	%	Pass
Crude Fiber	15.00	5.67	%	Pass
Monensin	800.00	728.90	g/ton	Pass
Phosphorus	0.30	0.52	%	Pass
Potassium	1.25	1.29	%	Pass
Protein, Crude	15.00	14.58	%	Pass
Salt (Sodium x 2.54)	3.25-4.25	2.96	%	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>	
Product:	Farm to Flock wholesome hen treat	Vitamin A	80,000	75,129.00 IU/lb	Pass
Sample No:	21F001963				
	Ash, Total	10.50	8.19 %	Pass	
	Calcium	2.50-3.50	2.26 %	Pass	
	Crude Fiber	5.00	3.92 %	Pass	
	Lysine	0.80	0.84 %	Pass	
	Methionine	0.25	0.29 %	Pass	
	Phosphorus	0.65	0.79 %	Pass	
	Protein, Crude	13.00	13.90 %	Pass	
	Salt (Sodium x 2.54)	0.01-0.51	0.17 %	Pass	
	Sodium	0.55	0.07 %	Pass	
Product:	Propel Energy Plus				
Sample No:	21F010815				
	ADF	2.00	4.40 %	Excessive	
	Calcium	0.04-0.54	1.45 %	Excessive	
	Crude Fat, Acid Hydrolysis	50.00	37.37 %	Deficient	
	Phosphorus	0.18	0.23 %	Pass	
	Protein, Crude	8.00	11.27 %	Pass	
Product:	Purina Accuration 44 Finisher				
Sample No:	21F001469				
	Calcium	4.50-5.50	4.23 %	Pass	
	Crude Fiber	15.00	13.98 %	Pass	
	Monensin	227.00	194.87 g/ton	Pass	
	Phosphorus	0.50	0.58 %	Pass	
	Potassium	2.25	2.40 %	Pass	
	Protein, Crude	44.00	39.15 %	Deficient	
	Salt (Sodium x 2.54)	2.25-2.75	1.93 %	Pass	
	Tylosin	90.00	82.03 g/ton	Pass	
	Vitamin A	17000	13,566.00 IU/lb	Pass	
Product:	Purina Animax				
Sample No:	21F002041				
	Vitamin A	250000	IU/lb		
	Calcium	12.5-13.5	%		
	Copper	3500	ppm		
	Iodine	120	ppm		

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Magnesium	1		%	
Manganese	8000		ppm	
Phosphorus	8		%	
Potassium	1		%	
Salt (Sodium x 2.54)	14.0-16.0		%	
Vitamin E	750		IU/lb	
Zinc	8000		ppm	

Product: Purina CARB CONSCIOUS TREAT

Sample No: 21F000213

ADF	26.00	24.60	%	Pass
Calcium	0.85-1.35	0.98	%	Pass
Crude Fiber	22.00	16.87	%	Pass
Lysine	0.40	0.45	%	Pass
NDF	45.00	34.00	%	Pass
Phosphorus	0.25	0.31	%	Pass
Protein, Crude	10.00	19.01	%	Pass
Selenium	0.60-0.72	1.09	ppm	Excessive
Sodium	0.01-0.51	0.06	%	Pass
Sodium	0-0.51	0.04	%	Pass
Total Sugars (Invert)	4.00	3.38	%	Pass
Zinc	125.00	177.86	ppm	Pass
Vitamin A	3000	4,558.00	IU/lb	Pass

Product: Purina High Protein Hen Treats

Sample No: 21F000220

Ash, Total	9.00	7.17	%	Pass
Calcium	1.50-2.00	1.47	%	Pass
Crude Fiber	4.00	3.28	%	Pass
Lysine	1.10	1.12	%	Pass
Methionine	0.40	0.42	%	Pass
Phosphorus	0.70	0.76	%	Pass
Protein, Crude	20.00	25.90	%	Pass
Salt (Sodium x 2.54)	0.01-0.51	0.26	%	Pass
Sodium	0.51	0.10	%	Pass

Product: Purina Home Grown Layer 16% Cr

Sample No: 21F010812

Calcium	3.00-4.00	3.59	%	Pass
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	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>	
Sample No: 21F010946	Crude Fiber	6.00	5.64 %	Pass	
	Lysine	0.75	0.85 %	Pass	
	Methionine	0.25	0.32 %	Pass	
	Phosphorus	0.45	0.80 %	Pass	
	Protein, Crude	16.00	17.10 %	Pass	
	Salt (Sodium x 2.54)	0.10-0.60	0.51 %	Pass	
	Calcium	3.00-4.00	3.49 %	Pass	
	Crude Fiber	6.00	3.70 %	Pass	
	Lysine	0.75	0.76 %	Pass	
Sample No: 21F001462	Methionine	0.25	0.26 %	Pass	
	Phosphorus	0.45	0.71 %	Pass	
	Protein, Crude	16.00	15.66 %	Pass	
	Salt (Sodium x 2.54)	0.10-0.60	0.33 %	Pass	
	Product: Purina Layena Crumbles				
	Sample No: 21F001462				
	Calcium	3.25-4.25	3.24 %	Pass	
	Crude Fiber	6.50	4.69 %	Pass	
	Lysine	0.70	0.73 %	Pass	
Manganese	100	168.05 ppm	Pass		
Methionine	0.30	0.30 %	Pass		
Phosphorus	0.45	0.57 %	Pass		
Protein, Crude	16.00	15.49 %	Pass		
Salt (Sodium x 2.54)	0.30-0.80	0.45 %	Pass		
Vitamin A	3000	9,607.00 IU/lb	Pass		
Product: Purina Layena Pellet					
Sample No: 21F001468					
Calcium	3.25-4.25	3.40 %	Pass		
Crude Fiber	6.50	4.92 %	Pass		
Lysine	0.70	0.83 %	Pass		
Manganese	100.00	170.44 ppm	Pass		
Methionine	0.30	0.32 %	Pass		
Phosphorus	0.45	0.62 %	Pass		
Protein, Crude	16.00	15.77 %	Pass		
Salt (Sodium x 2.54)	0.30-0.80	0.42 %	Pass		
Vitamin A	3000	6,292.00 IU/lb	Pass		

Product:	Analyte	Claim	Found Unit	Disposition
Purina Mineral BVT 1440 Medicatec				
Sample No:	21F010954			
	Calcium	13.00-15.50	14.89 %	Pass
	Copper	650	867.30 ppm	Pass
	Iodine	69	80.10 ppm	Pass
	Lasalocid	1440.00	1,626.50 g/ton	Pass
	Magnesium	1.4	0.95 %	Deficient
	Manganese	1250	1,501.00 ppm	Pass
	Phosphorus	6.5	6.47 %	Pass
	Potassium	0.80	0.86 %	Pass
	Salt (Sodium x 2.54)	18.00-21.50	19.68 %	Pass
	Selenium	23	26.62 ppm	Pass
	Zinc	2188	2,976.00 ppm	Pass
	Vitamin A	150000	198,400.00 IU/lb	Pass
Purina New Balance 40 Concentrat				
Sample No:	21F010952			
	Calcium	2.55-3.55	3.22 %	Pass
	Crude Fiber	5.80	3.63 %	Pass
	Lysine	2.40	2.46 %	Pass
	Phosphorus	1.60	1.65 %	Pass
	Protein, Crude	40.00	39.49 %	Pass
	Salt (Sodium x 2.54)	2.13-2.63	2.34 %	Pass
	Selenium	0.58	1.95 ppm	Pass
	Zinc	514.00	629.00 ppm	Pass
Purina Pellets Duck Feed				
Sample No:	21F000212			
	Calcium	0.75-1.25	1.72 %	Excessive
	Crude Fiber	5.00	3.98 %	Pass
	Lysine	1.10	1.15 %	Pass
	Methionine	0.40	0.39 %	Pass
	Phosphorus	0.50	0.61 %	Pass
	Protein, Crude	19.00	19.95 %	Pass
	Sodium	0.51	0.18 %	Pass
Purina Precon Complete				
Sample No:	21F001467			
	Calcium	0.45-0.95	0.82 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Crude Fiber	26.00	22.48 %	Pass
	Phosphorus	0.40	0.42 %	Pass
	Potassium	1.10	1.17 %	Pass
	Protein, Crude	12.00	13.19 %	Pass
	Salt (Sodium x 2.54)	0.25-0.75	0.55 %	Pass
	Vitamin A	5000	9,039.00 IU/lb	Pass

Sample No: 21F002065

	Calcium	0.45-0.95	0.89 %	Pass
	Crude Fiber	26	23.68 %	Pass
	Phosphorus	0.40	0.41 %	Pass
	Potassium	1.10	1.18 %	Pass
	Protein, Crude	12	12.02 %	Pass
	Salt (Sodium x 2.54)	0.25-0.75	0.72 %	Pass
	Vitamin A	5000	7,906.00 IU/lb	Pass

Sample No: 21F010953

	Calcium	0.45-0.95	0.76 %	Pass
	Crude Fiber	26.00	22.16 %	Pass
	Equivalent Crude Protein	2.00	2.10 %	Pass
	Phosphorus	0.40	0.40 %	Pass
	Potassium	1.10	0.98 %	Pass
	Protein, Crude	12.00	11.70 %	Pass
	Salt (Sodium x 2.54)	0.25-0.75	0.62 %	Pass
	Vitamin A	5000	17,776.93 IU/lb	Pass

Product: Purina Rangeland Pro BP Balancer

Sample No: 21F011761

	Calcium	16.20-19.44	18.02 %	Pass
	Copper	1200	1,648.00 ppm	Pass
	Iodine	60	73.00 ppm	Pass
	Magnesium	1.0	1.04 %	Pass
	Manganese	4800	5,032.00 ppm	Pass
	Monensin	1600.00	1,677.00 g/ton	Pass
	Potassium	1.00	1.15 %	Pass
	Salt (Sodium x 2.54)	16.20-19.44	18.60 %	Pass
	Selenium	27.00	31.80 ppm	Pass
	Zinc	3600	3,994.98 ppm	Pass
	Vitamin A	150000	130,980.00 IU/lb	Pass

Product:	Analyte	Claim	Found Unit	Disposition
Purina Rangeland Pro Breeder				
Sample No:	21F010821			
	Calcium	10.80-12.96	10.42 %	Pass
	Copper	3500	3,597.10 ppm	Pass
	Iodine	60	51.70 ppm	Pass
	Magnesium	0.2	0.57 %	Pass
	Manganese	4800	4,940.20 ppm	Pass
	Phosphorus	9.0	8.91 %	Pass
	Potassium	1.00	0.95 %	Pass
	Selenium	27.00	29.18 ppm	Pass
	Vitamin E	500	437.40 IU/lb	Pass
	Zinc	4000	3,919.99 ppm	Pass
	Vitamin A	400000	609,967.37 IU/lb	Pass

Product:	Analyte	Claim	Found Unit	Disposition
Purina Rangeland Pro Mineral 12-6				
Sample No:	21F010810			
	Calcium	10.80-12.96	12.32 %	Pass
	Copper	1200	1,318.21 ppm	Pass
	Iodine	60	45.50 ppm	Pass
	Magnesium	1.0	1.08 %	Pass
	Manganese	4800	4,542.74 ppm	Pass
	Monensin	1600.00	1,430.30 g/ton	Pass
	Phosphorus	6.0	5.87 %	Pass
	Potassium	1.00	1.20 %	Pass
	Salt (Sodium x 2.54)	24.30-29.16	25.01 %	Pass
	Selenium	27.00	30.48 ppm	Pass
	Zinc	3600	3,901.20 ppm	Pass
	Vitamin A	150000	110,544.33 IU/lb	Pass

Product:	Analyte	Claim	Found Unit	Disposition
Purina Steak Maker Grower 36-16 F				
Sample No:	21F010917			
	Calcium	4.50-5.50	4.75 %	Pass
	Crude Fiber	15.00	5.76 %	Pass
	Equivalent Crude Protein	13.00	12.10 %	Pass
	Monensin	400.00	309.90 g/ton	Pass
	Phosphorus	0.80	0.75 %	Pass
	Potassium	0.70	1.18 %	Pass
	Protein, Crude	36.00	36.01 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Salt (Sodium x 2.54)	3.00-4.00	3.92 %	Pass
	Vitamin A	27000	20,857.73 IU/lb	Pass
Product: Purina Steakmaker BP Formulator F				
Sample No: 21F010415				
	Calcium	26.50-31.50	30.11 %	Pass
	Copper	600	650.92 ppm	Pass
	Magnesium	1.00	0.90 %	Pass
	Monensin	1500.00	1,524.00 g/ton	Pass
	Potassium	0.10	0.25 %	Pass
	Salt (Sodium x 2.54)	9.90-11.88	10.88 %	Pass
	Selenium	12.00	13.42 ppm	Pass
	Zinc	2150	2,255.33 ppm	Pass
	Vitamin A	120000	210,033.97 IU/lb	Pass
Product: Purina Steakmaker Grower 36-0 B5				
Sample No: 21F010414				
	Calcium	4.50-5.50	4.89 %	Pass
	Crude Fiber	15.00	4.37 %	Pass
	Lasalocid	500.00	477.86 g/ton	Pass
	Phosphorus	0.80	0.79 %	Pass
	Potassium	0.70	1.71 %	Pass
	Protein, Crude	36.00	35.50 %	Pass
	Salt (Sodium x 2.54)	3.00-4.00	4.38 %	Pass
	Vitamin A	27000	12,462.00 IU/lb	Deficient
Product: Purina Supermix Aureo 10 Medicate				
Sample No: 21F010955				
	Calcium	5.40-6.48	5.98 %	Pass
	Crude Fiber	29.00	19.18 %	Pass
	Protein, Crude	8.00	15.17 %	Pass
	Chlortetracycline	10.00	7.11 g/lb	Pass
Product: Purina Supermix Aureo10 Medicate				
Sample No: 21F010941				
	Calcium	5.40-6.48	6.33 %	Pass
	Crude Fiber	29.00	7.39 %	Pass
	Protein, Crude	8.00	18.14 %	Pass
	Chlortetracycline	10.00	7.91 g/lb	Pass
Product: Purina Wind & Rain Storm All Seas				

Sample No:		Analyte	Claim	Found Unit	Disposition
21F011760		Calcium	10.80-12.96	10.34 %	Pass
		Copper	2400	4,213.00 ppm	Pass
		Iodine	120	205.00 ppm	Pass
		Magnesium	3.0	2.18 %	Deficient
		Manganese	7200	10,301.00 ppm	Pass
		Phosphorus	7.5	6.74 %	Deficient
		Potassium	1.00	1.22 %	Pass
		Salt (Sodium x 2.54)	14.40-17.28	12.13 %	Deficient
		Selenium	54.00	64.09 ppm	Pass
		Vitamin E	300	218.20 IU/lb	Pass
		Zinc	7200	12,420.00 ppm	Pass
		Vitamin A	300000	375,885.00 IU/lb	Pass

Product: Purina Wind & Rain Storm NW All S

Sample No: 21F010811

Calcium	11.70-14.04	15.19 %	Pass
Copper	3300	1,457.00 ppm	Deficient
Iodine	80	55.10 ppm	Pass
Magnesium	1.0	1.26 %	Pass
Manganese	5000	2,229.47 ppm	Deficient
Phosphorus	7.5	6.92 %	Pass
Potassium	1.00	1.09 %	Pass
Salt (Sodium x 2.54)	19.80-23.76	18.62 %	Pass
Selenium	35.00	32.35 ppm	Pass
Zinc	9900	3,957.91 ppm	Deficient
Vitamin A	200000	589,996.32 IU/lb	Pass

Product: Purina Wind and Rain Cattle Miners

Sample No: 21F001457

Calcium	13.50-16.20	15.07 %	Pass
Copper	1200	1,094.90 ppm	Pass
Iodine	60	66.40 ppm	Pass
Magnesium	1.0	0.98 %	Pass
Manganese	3600	3,470.30 ppm	Pass
Phosphorus	7.5	7.54 %	Pass
Potassium	1.00	1.21 %	Pass
Salt (Sodium x 2.54)	18.00-21.60	16.93 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Selenium	27.00	24.01	ppm	Pass
Vitamin E	300	273.97	IU/lb	Pass
Zinc	3600	3,396.60	ppm	Pass
Vitamin A	300000	442,100.00	IU/lb	Pass

Product: Purina Wind and Rain Storm All Sea

Sample No: 21F010966

Calcium	13.50-16.20	16.53	%	Pass
Copper	1200	1,018.00	ppm	Pass
Iodine	60	48.90	ppm	Pass
Magnesium	1.0	1.27	%	Pass
Manganese	4800	4,244.00	ppm	Pass
Phosphorus	7.5	7.11	%	Pass
Potassium	1.00	1.20	%	Pass
Salt (Sodium x 2.54)	18.00-21.60	17.75	%	Pass
Selenium	27.00	26.23	ppm	Pass
Vitamin E	300	334.98	IU/lb	Pass
Zinc	3600	3,083.00	ppm	Pass
Vitamin A	300000	353,892.00	IU/lb	Pass

Product: Purina Wind and Rain Storm All Sea

Sample No: 21F010809

Calcium	13.50-16.20	15.53	%	Pass
Copper	1200	1,105.83	ppm	Pass
Iodine	60	69.30	ppm	Pass
Magnesium	1.0	1.24	%	Pass
Manganese	4800	4,279.89	ppm	Pass
Phosphorus	7.5	7.16	%	Pass
Potassium	1.00	1.24	%	Pass
Salt (Sodium x 2.54)	18.00-21.60	19.36	%	Pass
Selenium	27.00	29.07	ppm	Pass
Vitamin E	300	297.50	IU/lb	Pass
Zinc	3600	3,560.29	ppm	Pass
Vitamin A	300000	733,208.82	IU/lb	Pass

Product: Rangeland Pro Mineral 8 - cattle mi

Sample No: 21F010940

Calcium	12.60-15.12	14.74	%	Pass
Copper	1200	1,355.41	ppm	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Iodine	60	113.00	ppm	Pass
Magnesium	2.0	2.11	%	Pass
Manganese	4800	2,671.78	ppm	Deficient
Phosphorus	8.0	7.53	%	Pass
Potassium	0.10	0.35	%	Pass
Salt (Sodium x 2.54)	15.30-18.36	17.24	%	Pass
Selenium	27.00	21.06	ppm	Pass
Zinc	3600	4,569.30	ppm	Pass
Vitamin A	150000	44,838.00	IU/lb	Deficient

Product: Sheep Balancer B136 Medicated su

Sample No: 21F010813

Calcium	4.50-5.50	4.35	%	Pass
Crude Fiber	11.50	5.32	%	Pass
Equivalent Crude Protein	4.00	4.00	%	Pass
Lasalocid	136.00	150.20	g/ton	Pass
Phosphorus	0.85	0.87	%	Pass
Protein, Crude	36.00	36.36	%	Pass
Salt (Sodium x 2.54)	2.50-3.50	3.08	%	Pass
Selenium	1.30	2.35	ppm	Pass
Vitamin A	20000	12,385.19	IU/lb	Deficient

Product: Sure Pro

Sample No: 21F004211

Crude Fiber	3.9	4.38	%	Pass
Protein, Crude	43.5	42.87	%	Pass

Manufacturer: Purina Animal Nutrition LLC - §

Product: Purina Niker Maker Horse Treats

Sample No: 21F000211

ADF	10.00	5.70	%	Pass
Calcium	0.50-1.00	1.07	%	Pass
Crude Fat, Acid Hydrolysis	6.00	8.93	%	Pass
Crude Fiber	7.00	6.45	%	Pass
Lysine	0.30	0.33	%	Pass
NDF	20.00	11.40	%	Pass
Phosphorus	0.45	0.74	%	Pass
Protein, Crude	9.00	11.22	%	Pass
Selenium	0.60-0.72	0.95	ppm	Excessive

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Sodium	0.01-0.51	0.04	%	Pass
Zinc	140.00	263.80	ppm	Pass
Vitamin A	3000	6,049.00	IU/lb	Pass

Product: Purina Senior Horse Treats

Sample No: 21F000215

ADF	12.00	12.60	%	Excessive
Calcium	0.50-1.00	0.74	%	Pass
Crude Fiber	9.00	8.37	%	Pass
Lysine	0.40	0.43	%	Pass
NDF	21.00	20.70	%	Pass
Phosphorus	0.40	0.36	%	Pass
Protein, Crude	12.00	13.65	%	Pass
Selenium	0.60-0.72	1.12	ppm	Excessive
Sodium	0.01-0.51	0.04	%	Pass
Zinc	125.00	245.91	ppm	Pass
Vitamin A	4000	1,543.00	IU/lb	Deficient

Manufacturer: Purina Mills - St. Louis

Product: Purina Dog Chow High Protein

Sample No: 21F012614

Moisture (Loss on Drying)	77.0	74.92	%	Pass
Protein, Crude	11.0	12.18	%	Pass

Manufacturer: Quality Liquid Feeds Inc.

Product: Comm FDLT 50

Sample No: 21F003256

Calcium	9.8-11.7	10.81	%	Pass
Equivalent Crude Protein	48.0	13.30	%	Pass
Moisture (Loss on Drying)	33.0	33.67	%	Pass
Phosphorus	0.19	0.16	%	Pass
Potassium	1.2	0.95	%	Deficient
Protein, Crude	50.0	51.11	%	Pass
Salt (Sodium x 2.54)	3.9-4.9	5.04	%	Pass
Selenium	3.1	3.50	ppm	Pass
Total Dry Matter	67.0	66.33	%	
Total Sugars (Invert)	6.0	5.32	%	Pass
Vitamin A	32000	37,211.00	IU/lb	Pass

Product: COMM FDLT HICAL 40

Sample No:	Analyte	Claim	Found Unit	Disposition
21F003405	Calcium	11.4-13.6	12.14 %	Pass
	Equivalent Crude Protein	38.0	5.60 %	Pass
	Moisture (Loss on Drying)	32.0	32.96 %	Pass
	Phosphorus	0.15	0.11 %	Pass
	Potassium	1.5	1.42 %	Pass
	Protein, Crude	40.0	42.91 %	Pass
	Salt (Sodium x 2.54)	5.5-6.6	5.63 %	Pass
	Selenium	4.2	4.05 ppm	Pass
	Total Dry Matter	68.0	67.04 %	
	Total Sugars (Invert)	5.0	6.95 %	Pass
	Vitamin A	40000	41,319.00 IU/lb	Pass
Product: Mill Coat 65-5				
Sample No:	21F003403			
	Moisture (Loss on Drying)	38.0	36.55 %	Pass
	Phosphorus	0.32	0.29 %	Pass
	Protein, Crude	3.0	6.07 %	Pass
	Total Dry Matter	62.0	63.45 %	
	Total Sugars (Invert)	30.0	33.02 %	Pass
Product: Pasture Plus 40				
Sample No:	21F003258			
	Equivalent Crude Protein	37.0	30.40 %	Pass
	Moisture (Loss on Drying)	38.0	42.22 %	Pass
	Phosphorus	0.80	0.75 %	Pass
	Potassium	0.7	2.10 %	Pass
	Protein, Crude	40.0	37.76 %	Deficient
	Selenium	0.6	1.23 ppm	Pass
	Total Dry Matter	62.0	57.78 %	
	Total Sugars (Invert)	24.0	25.30 %	Pass
	Vitamin A	20000	29,715.00 IU/lb	Pass
Product: Range 40				
Sample No:	21F003404			
	Equivalent Crude Protein	37.0	24.10 %	Pass
	Moisture (Loss on Drying)	42.0	42.19 %	Pass
	Phosphorus	1.25	1.37 %	Pass
	Potassium	2.1	1.91 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Protein, Crude	40.0	40.20 %	Pass
Selenium	1.6	1.88 ppm	Pass
Total Dry Matter	58.0	57.81 %	
Total Sugars (Invert)	20.0	20.97 %	Pass
Vitamin A	30000	23,836.00 IU/lb	Pass

Product: Supercoat 65-5

Sample No: 21F003257

Moisture (Loss on Drying)	35.0	36.14 %	Pass
Phosphorus	0.40	0.42 %	Pass
Total Dry Matter	65.0	63.86 %	
Total Sugars (Invert)	33.0	32.97 %	Pass

Product: Suprcoat 63-3

Sample No: 21F004206

Moisture (Loss on Drying)	37.0	37.83 %	Pass
Phosphorus	0.40	0.58 %	Pass
Total Dry Matter	63	62.17 %	
Total Sugars (Invert)	36.0	31.65 %	Pass

Manufacturer: Ralco Nutrition, Inc.

Product: SCLS Hi-Mag Pasture Mineral cattl

Sample No: 21F010573

Calcium	12.60-15.10	14.22 %	Pass
Copper	2200	2,587.93 ppm	Pass
Iodine	175	153.00 ppm	Pass
Magnesium	7.90	7.04 %	Pass
Manganese	4400	5,641.85 ppm	Pass
Phosphorus	5.90	5.89 %	Pass
Salt (Sodium x 2.54)	13.50-16.20	13.16 %	Pass
Zinc	6599	6,876.94 ppm	Pass
Vitamin A	150000	245,500.11 IU/lb	Pass

Manufacturer: Red River Commodities

Product: Boonworms Premium Treat for Poul

Sample No: 21F003218

Calcium	2.25-3.5	3.41 %	Pass
Crude Fat, Acid Hydrolysis	23	34.76 %	Pass
Crude Fiber	6.8	6.10 %	Pass
Lysine	1.9	2.67 %	Pass

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Methionine	0.60	0.70	%	Pass
Moisture (Loss on Drying)	6.7	3.88	%	Pass
Phosphorus	0.70	0.67	%	Pass
Protein, Crude	34	38.82	%	Pass
Salt (Sodium x 2.54)	0.36-0.58	0.50	%	Pass
Sodium	0.07-0.11	0.20	%	Pass

Manufacturer: Ridley Block Operations
Product: Crystalyx DE-12%

Sample No: 21F003934

ADF	3.0	6.80	%	Excessive
Calcium	1.0-1.5	1.69	%	Pass
Manganese	300	290.50	ppm	Pass
NDF	6.0	5.00	%	Pass
Phosphorus	1.0	1.05	%	Pass
Potassium	2.0	2.19	%	Pass
Protein, Crude	12.0	12.91	%	Pass
Selenium	4.4	7.94	ppm	Pass
Zinc	700	621.55	ppm	Pass
Vitamin A	55,000	96,412.00	IU/lb	Pass

Product: Crystalyx HE-30%

Sample No: 21F003935

Calcium	2.0-2.5	2.07	%	Pass
Copper	250	268.03	ppm	Pass
Crude Fiber	3.0	1.99	%	Pass
Equivalent Crude Protein	16.0	1.90	%	Pass
Iodine	12.5	10.50	ppm	Pass
Magnesium	1.0	0.91	%	Pass
Manganese	1000	1,084.57	ppm	Pass
Phosphorus	1.8	1.86	%	Pass
Potassium	2.0	2.16	%	Pass
Protein, Crude	30.0	29.39	%	Pass
Selenium	6	7.28	ppm	Pass
Zinc	750	804.08	ppm	Pass
Vitamin A	70,000	70,464.00	IU/lb	Pass

Sample No: 21F003936

Calcium	2.0-2.5	2.51	%	Pass
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<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Copper	250	295.68	ppm	Pass
Crude Fiber	3.0	1.93	%	Pass
Equivalent Crude Protein	16.0	1.40	%	Pass
Iodine	12.5	9.81	ppm	Pass
Magnesium	1.0	0.95	%	Pass
Manganese	1000	1,168.07	ppm	Pass
Phosphorus	1.8	1.93	%	Pass
Potassium	2.0	2.22	%	Pass
Protein, Crude	30.0	29.61	%	Pass
Selenium	6	8.20	ppm	Pass
Zinc	750	685.20	ppm	Pass
Vitamin A	70,000	88,583.00	IU/lb	Pass

Manufacturer: Ridley Specialty Products
Product: Prairie Pride safe-guard dewormer p

Sample No: 21F010680

Calcium	3.0-4.0	4.10	%	Pass
Crude Fiber	25.0	19.46	%	Pass
Fenbendazole	0.5	0.45	%	Pass
Protein, Crude	10.0	15.53	%	Pass

Manufacturer: Ridley Specialty Products-Man
Product: Stockade Kandy Treet Molasses

Sample No: 21F002027

Ash, Total	14.0	12.35	%	Pass
Crude Fiber	25.0	15.63	%	Pass
Protein, Crude	5.0	7.85	%	Pass
Total Sugars (Invert)	38	33.52	%	Pass

Manufacturer: Ringneck Energy LLC
Product: Corn Distillers Dried Grains

Sample No: 21F003795

Ash, Total	8	5.69	%	Pass
Crude Fiber	15	7.92	%	Pass
Protein, Crude	26	27.32	%	Pass
Sulfur	0-1	0.35	%	Pass

Manufacturer: RPMG Inc.
Product: Dried Distillers Grain w/ Solubles

Sample No: 21F010819

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Ash, Total	5.00	3.57	%	Pass
Crude Fiber	8.00	8.23	%	Pass
Protein, Crude	26.00	28.99	%	Pass
Sulfur	1.00	0.51	%	Pass

Manufacturer: SDSP-Volga
Product: Soybean Hulls

Sample No: 21F004213

Crude Fiber	38.0	34.54	%	Pass
Lab Moisture	14	11.32	%	Pass
Moisture (Loss on Drying)	14	11.30	%	Pass
Protein, Crude	9.0	10.80	%	Pass

Manufacturer: Sioux Nation Ag- Sioux Falls
Product: Bunkrite Commodity Balancer R100

Sample No: 21F010287

Calcium	29.00-33.00	32.01	%	Pass
Copper	800	393.35	ppm	Deficient
Monensin	1000	1,025.00	g/ton	Pass
Salt (Sodium x 2.54)	10.00-13.00	6.12	%	Deficient
Salt (Sodium x 2.54)	10.00-13.00	4.56	%	
Selenium	12.6	6.10	ppm	Deficient
Zinc	2500	817.70	ppm	Deficient
Zinc	2500	838.06	ppm	Pass
Vitamin A	120000	54,475.12	IU/lb	Deficient

Product: Charger No Med

Sample No: 21F010288

Calcium	0.55-1.05	0.73	%	Pass
Crude Fiber	3.5	2.88	%	Pass
Lysine	1.53	1.49	%	Pass
Phosphorus	0.70	0.65	%	Pass
Protein, Crude	19.8	20.06	%	Pass
Salt (Sodium x 2.54)	0.38-0.88	0.64	%	Pass
Selenium	0.30	1.40	ppm	Pass
Zinc	3100	3,617.44	ppm	Pass
Vitamin A	5160	3,754.00	IU/lb	Pass

Product: Medicated HerdRite Co-Product Co

Sample No: 21F010286

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Calcium	22.5-28.0	26.08	%	Pass
Copper	1600	2,027.95	ppm	Pass
Iodine	350	297.00	ppm	Pass
Magnesium	1.0	1.04	%	Pass
Manganese	3500	3,897.56	ppm	Pass
Monensin	1600	1,710.00	g/ton	Pass
Salt (Sodium x 2.54)	15.0-19.5	20.33	%	Pass
Selenium	24.9	30.28	ppm	Pass
Vitamin E	250	188.30	IU/lb	Pass
Zinc	3500	4,320.22	ppm	Pass
Vitamin A	250000	193,268.00	IU/lb	Pass

Manufacturer: South Dakota Soybean Proces:
Product: Soybean Meal

Sample No: 21F003794

Crude Fiber	3.5	4.59	%	Excessive
Moisture (Loss on Drying)	12	11.22	%	Pass
Protein, Crude	46	45.54	%	Pass

Manufacturer: Standlee Hay Company
Product: Standlee Alfalfa Pellets

Sample No: 21F003217

ADF	32	32.90	%	Pass
Ash, Total	11	13.08	%	Excessive
Crude Fiber	26	24.63	%	Pass
Moisture (Loss on Drying)	12	9.18	%	Pass
NDF	42	36.50	%	Pass
Protein, Crude	16	15.60	%	Pass

Product: Standlee Beet Pulp Pellets

Sample No: 21F003252

Ash	9	7.18	%	Pass
Crude Fiber	21	18.15	%	Pass
Protein, Crude	7.5	8.58	%	Pass

Product: Standlee Smart Beet Pellets

Sample No: 21F003225

ADF	25	22.70	%	Pass
Ash	9	6.26	%	Pass
Crude Fiber	20	17.61	%	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Standlee Smart Beet Shreds				
Sample No: 21F003213				
	Moisture (Loss on Drying)	12	6.11 %	Pass
	NDF	40	36.00 %	Pass
	Protein, Crude	7.5	9.35 %	Pass
Product: Standlee Timothy Grass				
Sample No: 21F003211				
	ADF	25	17.60 %	Pass
	Ash, Total	9	7.22 %	Pass
	Crude Fiber	20	14.41 %	Pass
	Moisture (Loss on Drying)	12	8.11 %	Pass
	NDF	40	29.10 %	Pass
	Protein, Crude	7.5	8.80 %	Pass
Product: Standlee Timothy Grass Pellets				
Sample No: 21F003222				
	ADF	36	33.70 %	Pass
	Ash, Total	11	8.75 %	Pass
	Crude Fiber	28	27.87 %	Pass
	Moisture (Loss on Drying)	12	7.14 %	Pass
	NDF	56	45.70 %	Pass
	Protein, Crude	8	12.60 %	Pass
Manufacturer: Taste of The Wild				
Product: Taste of the Wild Wetlands with fow				
Sample No: 21F012636				
	Moisture (Loss on Drying)	82.0	75.62 %	Pass
	Protein, Crude	8.0	8.75 %	Pass
Manufacturer: Tractor Supply Co - Virginia W				
Product: 4 Health Salmon Recipe for Adult C				
Sample No: 21F012644				
	Crude Fat, Acid Hydrolysis	6.0	8.82 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product:	4health Chicken & Brown Rice Dinn			
Sample No:	21F011479			
	Moisture (Loss on Drying)	78.0	78.73 %	Pass
	Omega 3 Fatty Acids	0.09	0.65 %	Pass
	Omega 6 Fatty Acids	0.9	1.74 %	Pass
	Protein, Crude	10.0	9.88 %	Pass
	Taurine	0.05	0.09 %	Pass
Product:	4Health Salmmon & Potato Formul			
Sample No:	21F012608			
	Crude Fat, Acid Hydrolysis	6	8.38 %	Pass
	Moisture (Loss on Drying)	78.0	74.52 %	Pass
	Omega 3 Fatty Acids	0.10	0.13 %	Pass
	Omega 6 Fatty Acids	0.50	1.54 %	Pass
	Protein, Crude	9.0	9.15 %	Pass
	Taurine	0.05	0.08 %	Pass
Product:	DuMor Alfalfa Pellets			
Sample No:	21F003221			
	Crude Fat, Acid Hydrolysis	6.0	10.29 %	Pass
	Moisture (Loss on Drying)	78.0	73.90 %	Pass
	Omega 3 Fatty Acids	0.13	1.20 %	Pass
	Omega 6 Fatty Acids	0.63	1.60 %	Pass
	Protein, Crude	8.0	8.95 %	Pass
	Vitamin A	2500	1,974.20 IU/kg	Pass
Product:	Paws & Claws Chicken Dinner mad			
Sample No:	21F011482			
	Ash, Total	14	9.37 %	Pass
	Crude Fiber	33	29.00 %	Pass
	Moisture (Loss on Drying)	12	8.06 %	Pass
	Protein, Crude	15	17.52 %	Pass
Product:	Paws and Claws Mixed Grill Cat foc			
Sample No:	21F012607			
	Ash, Total	3.0	2.44 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Retriever Chopped Adult Complete	Moisture (Loss on Drying)	78.0	77.76 %	Pass
Sample No: 21F011483	Protein, Crude	10.0	11.60 %	Pass
	Taurine	0.05	0.10 %	Pass
Product: Royal Wing Sunflower Suet Nugget	Crude Fat, Acid Hydrolysis	6	6.75 %	Pass
Sample No: 21F012612	Moisture (Loss on Drying)	78	76.23 %	Pass
	Protein, Crude	8	9.42 %	Pass
Manufacturer: Tuffy's Pet Foods, Inc.	Crude Fat, Acid Hydrolysis	25.0	32.96 %	Pass
Product: Nutri Source Chicken and Rice Forr	Crude Fiber	4.0	2.16 %	Pass
Sample No: 21F010875	Protein, Crude	7.0	9.82 %	Pass
	Crude Fat, Acid Hydrolysis	7.5	6.83 %	Pass
	Moisture (Loss on Drying)	78.0	75.10 %	Pass
	Protein, Crude	9.0	11.57 %	Pass
	Taurine	0.01	0.07 %	Pass
Product: NutriSource Lamb & Rice Formula I	Crude Fat, Acid Hydrolysis	8.0	9.82 %	Pass
Sample No: 21F012632	Moisture (Loss on Drying)	78.0	73.91 %	Pass
	Protein, Crude	8.0	9.38 %	Pass
	Taurine	0.01	0.06 %	Pass
Manufacturer: Tuffy's Pet Treats	Crude Fat, Acid Hydrolysis	6	6.10 %	Pass
Product: Pure Vita Dog Treats	Crude Fiber	7.0	4.72 %	Pass
Sample No: 21F010877	Moisture (Loss on Drying)	25.0	18.44 %	Pass
	Protein, Crude	13.0	19.39 %	Pass
Manufacturer: Valero				
Product: Distiller Dried Grains w/ Solubles				
Sample No: 21F010669				

<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Ash, Total	6.0	4.17	%	Pass
Crude Fat, Acid Hydrolysis	6.0	8.68	%	Pass
Crude Fiber	11.0	8.07	%	Pass
Protein, Crude	26.0	29.04	%	Pass
Sulfur	1.0	0.66	%	Pass

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

Sample No: 21F004203

Ash, Total	6.0	5.01	%	Pass
Crude Fat, Acid Hydrolysis	6.0	8.36	%	Pass
Crude Fiber	11.0	8.60	%	Pass
Protein, Crude	26.0	27.13	%	Pass
Sulfur	1.0	0.65	%	Pass

Sample No: 21F004208

Ash, Total	6.0	4.88	%	Pass
Crude Fat, Acid Hydrolysis	6.0	8.94	%	Pass
Crude Fiber	11.0	6.29	%	Pass
Protein, Crude	26.0	28.43	%	Pass
Sulfur	1.0	0.64	%	Pass

Sample No: 21F010878

Ash, Total	6.0	4.29	%	Pass
Crude Fat, Acid Hydrolysis	6	8.82	%	Pass
Crude Fiber	11.0	8.30	%	Pass
Protein, Crude	26.0	28.68	%	Pass
Sulfur	1.0	0.67	%	Pass

Manufacturer: Wolf Creek
Product: Super Soy 20% Oil

Sample No: 21F004209

Ash, Total	5.00	5.56	%	Pass
Crude Fat, Acid Hydrolysis	20.0	20.53	%	Pass
Crude Fiber	8.00	7.48	%	Pass
Lab Moisture	5.0	1.46	%	Pass
Moisture (Loss on Drying)	5.0	1.46	%	Pass
Protein, Crude	36.00	39.08	%	Pass

Manufacturer: Woodys Feed & Grain-Dickinsc
Product: Woody's Special 25% All Natural Cæ

Sample No:	21F010446	Analyte	Claim	Found Unit	Disposition
		Calcium	0.20-0.40	0.44 %	Pass
		Crude Fiber	20.00	20.82 %	Pass
		Phosphorus	0.60	0.78 %	Pass
		Potassium	1.00	1.34 %	Pass
		Protein, Crude	25.00	23.70 %	Deficient
		Salt (Sodium x 2.54)	0.75-1.25	1.44 %	Pass
		Vitamin A	25000	39,219.75 IU/lb	Pass

Manufacturer: Yaggies Inc.-Yankton
Product: Yaggies 17% Layers Crumbles

Sample No:	21F011489	Analyte	Claim	Found Unit	Disposition
		Calcium	3.50-4.50	4.04 %	Pass
		Crude Fiber	5.0	3.96 %	Pass
		Iodine	0.00024	0.00 %	Pass
		Phosphorus	.70	0.75 %	Pass
		Protein, Crude	17.0	18.27 %	Pass
		Salt (Sodium x 2.54)	.25-.75	0.73 %	Pass

Product: Yaggies 46% Protein Soybean Mea

Sample No:	21F011487	Analyte	Claim	Found Unit	Disposition
		Ash, Total	6.00	6.26 %	Pass
		Crude Fiber	5.00	4.68 %	Pass
		Moisture (Loss on Drying)	12.50	10.57 %	Pass
		Protein, Crude	46.00	46.36 %	Pass

Manufacturer: Zoetis Inc. - Kalamazoo
Product: Bovatec 91 type A Medicated

Sample No:	21F002025	Analyte	Claim	Found Unit	Disposition
		Lasalocid	90.7	100.14 g/lb	Pass



2021 Animal Remedy Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
ADF	%	2.00
Amprolium	%	6.00
Ash Total	%	2.00
Calcium	%	16.00
Cobalt	%	3.00
Copper	mg/60cc	1.00
Copper	ppm	1.00
Crude Fat, Acid Hydrolysis	%	1.00
Crude Fat, Base Hydrolysis	%	3.00
Crude Fiber	%	5.00
Dextrose	%	13.00
Dextrose	gms/100 mL	1.00
Fenbendazole	%	3.00
Fenbendazole	g/kg	1.00
Fenbendazole	mg/g	6.00
Fenbendazole	mg/mL	2.00
Glucose	%	1.00
Glucose	g/packet	1.00
Glycine	%	8.00
Glycine	g/packet	2.00
Iron	mg/60cc	1.00
Iron	mg/mL	1.00
Ivermectin	%	1.00
Lysine	%	1.00
Magnesium	%	13.00
Manganese	mg/60cc	1.00
Methionine	%	1.00

2021 Animal Remedy Analyte Totals

<u>Analyte</u>	<u>Unit</u>	<u>Count</u>
Moisture, Loss on Drying	%	2.00
Moisture, Loss on Drying		2.00
NDF	%	2.00
Oxytetracycline	mg/bolus	3.00
Oxytetracycline	mg/ml	3.00
Oxytetracycline	mg/mL	13.00
Phosphorus	%	10.00
Potassium	%	27.00
Potassium Citrate	g/packet	2.00
Potassium Phosphate	g/packet	2.00
Protein, Crude	%	1.00
Protein, Crude	%	9.00
Pyrantel	%	1.00
Pyrantel	g/g	1.00
Salt (Sodium x 2.54)	%	4.00
Selenium	mg/lb	1.00
Selenium	ppm	3.00
Sodium	%	24.00
Sodium Chloride	g/packet	2.00
Sulfamethazine	g/bolus	2.00
Tylosin	mg/ml	2.00
Tylosin	mg/mL	2.00
Vitamin A	IU/300mL	3.00
Vitamin A	IU/lb	10.00
Vitamin A	IU/tube	6.00
Vitamin E	IU/lb	11.00
Zinc	mg/60cc	1.00
Zinc	ppm	2.00
Total Animal Remedy Analyses:		248.00



2021 Animal Remedies Manufacturer Sample Totals

Manufacturer:

Agri Labs Ltd-St. Joseph	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>
	5.00	0.00	0.00	0.00	5	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>
	18.00	4.00	0.00	0.00	22	8
Bimeda-LeSueur, MN	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>
	2.00	0.00	0.00	0.00	2	2
Bmeda-MTC Animal Health Inc	Cambridge, Ontario		Canada			
	<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
Boehringer Ingelheim Animal Health USA Inc	Duluth		GA			
	<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
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>
	2.00	0.00	0.00	0.00	2	2
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>
	5.00	0.00	0.00	0.00	5	5
Elanco Animal Health-Greenfield	Greenfield		IN			

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	4

Farnam Horse Products 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>
14.00	0.00	0.00	1.00	15	2

Horse Health Products 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>
7.00	0.00	0.00	0.00	7	1

Huvepharma Peachtree City GA

<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

Huvepharma Inc. Peachtree City GA

<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

Imu- Tek Animal Health Inc. Fort Collins CO

<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>
22.00	2.00	0.00	0.00	24	3

Intervet Inc /Merck Animal Health - Madison Madison NJ

<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

Intervet Inc. Summit NJ

<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	9

Manna Pro Products, LLC St. Louis 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>
31.00	0.00	0.00	0.00	31	6

Merck Animal Health - Summit Summit NJ

<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

Merial Limited Duluth GA

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>
1.00	0.00	0.00	0.00	1	1

Merrick's Animal Health LLC**Middleton****WI**

<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

Merrick's Animal Health, LLC**Wonewoc****WI**

<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	1.00	0.00	0.00	5	3

Milk Products LLC-Chilton**Chilton****WI**

<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	4

Mills Fleet Farm**Appleton****WI**

<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>
0.00	1.00	0.00	0.00	1	1

Neogen Corporation**Lexington****KY**

<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

Norbrook, Inc.**Lenexa****KS**

<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

Nova-Tech Inc**Grand Island****NE**

<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

Ralco Nutrition, Inc.**Marshall****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>
2.00	0.00	0.00	0.00	2	1

Tractor Supply Co - Virginia Way Brentwood**Brentwood****TN**

<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

Vets Plus, Inc.**Menomonie****WI**



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
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PIERRE, SD 57501-3182
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2021 Animal Remedies Individual Samples

		<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manufacturer: Agri Labs Ltd-St. Joseph					
Product: Vitamins & Electrolytes Plus					
Sample No: 21D003592					
		Magnesium	.26	0.29 %	Pass
		Potassium	3.80	3.54 %	Pass
		Sodium	4.70	5.33 %	Pass
		Vitamin E	8,000	7,379.80 IU/lb	Pass
		Vitamin A	10,000,000	9,634,700.00 IU/lb	Pass
Manufacturer: Aspen Veterinary Resources, I					
Product: Aspen ANEM-X 100 Iron Hydrogenaz					
Sample No: 21D012638					
		Iron	100	101.70 mg/mL	Pass
Product: Aspen- CAL "62" Plus Gel					
Sample No: 21D003591					
		Calcium	14.3	13.40 %	Pass
		Cobalt	.14	1.20 %	Pass
		Magnesium	.3	2.02 %	Pass
		Moisture, Loss on Drying	.53	38.79 %	Excessive
		Moisture, Loss on Drying	.53	36.76	Excessive
Product: Aspen- CMPK Solution					
Sample No: 21D003596					
		Calcium	1.8	1.69 %	Pass
		Dextrose	15	12.61 %	Deficient
		Magnesium	.5-0.616	0.46 %	Pass
		Phosphorus	1.08	1.06 %	Pass
		Potassium	0.09-0.114	0.10 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Aspen Oral Keto Energel a nutrona				
Sample No: 21D012639				
	Cobalt	0.04	0.09 %	Pass
	Magnesium	1.60	1.65 %	Pass
	Vitamin A	50000	137.30 IU/tube	Deficient
Product: Aspen Terra-vet oxytetracycline				
Sample No: 21D011475				
	Oxytetracycline	200	218.90 mg/ml	Pass
Product: CMPK Solution Supplemental Nutrit				
Sample No: 21D012658				
	Calcium	1.8-2.2	1.95 %	Pass
	Dextrose	15	13.29 %	Pass
	Magnesium	0.5-0.616	0.54 %	Pass
	Phosphorus	1.08-1.32	1.12 %	Pass
	Potassium	.09-0.114	0.11 %	Pass
Product: Terra - Vet 200				
Sample No: 21D010279				
	Oxytetracycline	200	191.30 mg/mL	Pass
Product: TERRA-VET 200				
Sample No: 21D003199				
	Oxytetracycline	200	201.73 mg/mL	Pass
Manufacturer: Bimeda-LeSueur, MN				
Product: Sustain Calf Bolus sulamethazine				
Sample No: 21D002019				
	Sulfamethazine	8.02	8.20 g/bolus	Pass
Product: Sustain III Bolus Sulfamethazine				
Sample No: 21D012606				
	Sulfamethazine	32.1	33.92 g/bolus	Pass
Manufacturer: Bmeda-MTC Animal Health Inc				
Product: Equistrength (pyrantel pamoate) Pa				
Sample No: 21D010306				
	Pyrantel	43.9	45.48 %	Pass
Manufacturer: Boehringer Ingelheim Animal H				
Product: Diaque Nutritional supplement for c:				
Sample No: 21D012652				
	ADF	4.5	3.90 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
	Crude Fiber	4.3	3.07 %	Pass
	Glucose	52.5	51.26 %	Pass
	NDF	5.2	3.30 %	Pass
	Potassium	1.2	1.53 %	Pass
	Sodium	4.0-5.0	4.99 %	Pass
Manufacturer:	Boehringer Ingelheim Vetmedic			
Product:	Bio-Mycin 200			
Sample No:	21D003203			
	Oxytetracycline	200	185.77 mg/mL	Pass
Product:	Oxy 500 Calf Bolus			
Sample No:	21D012628			
	Oxytetracycline	500	438.93 mg/bolus	Pass
Manufacturer:	Durvet, Inc -Blue Springs			
Product:	Dextrose 50% Solution			
Sample No:	21D003195			
	Dextrose	50	47.60 gms/100 m	Pass
Product:	Duramycin 72-200			
Sample No:	21D003194			
	Oxytetracycline	200	202.72 mg/mL	Pass
Product:	durvet Calf Scour Boluses			
Sample No:	21D003233			
	Oxytetracycline	500	428.92 mg/bolus	Pass
Product:	durvet Duramycin 72-200			
Sample No:	21D003232			
	Oxytetracycline	200	184.87 mg/mL	Pass
Sample No:	21D012605			
	Oxytetracycline	200	171.20 mg/mL	Pass
Manufacturer:	Elanco Animal Health-Greenfie			
Product:	Elanco Tylan 50 Injection			
Sample No:	21D012625			
	Tylosin	50	53.28 mg/ml	Pass
Product:	Elanco Tylan 50 Injection 100mL bo			
Sample No:	21D012626			
	Tylosin	50	53.39 mg/ml	Pass
Product:	Tylan 50 Injection			
Sample No:	21D003202			

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Tylan 50 Tylosin Injection	Tylosin	50	51.59 mg/mL	Pass
Sample No: 21D002018				
Manufacturer: Farnam Horse Products	Tylosin	50	47.42 mg/mL	Pass
Product: Farnam Apple Elite Paste Electrolyt				
Sample No: 21D012650				
	Calcium	0.50-0.60	0.63 %	Pass
	Magnesium	0.50	0.50 %	Pass
	Potassium	6.50	6.49 %	Pass
	Salt (Sodium x 2.54)	43.00-48.00	48.05 %	Pass
	Sodium	18.25-18.50	18.91 %	Pass
Product: Farnam OTC JUG				
Sample No: 21D012624				
	Calcium	0.50-1.50	0.87 %	Pass
	Copper	20	22.50 mg/60cc	
	Iron	245	239.63 mg/60cc	Pass
	Magnesium	0.40	0.51 %	Pass
	Manganese	27	27.24 mg/60cc	Pass
	Moisture, Loss on Drying	52.00	46.71	Pass
	Phosphorus	0.50	1.02 %	Pass
	Potassium	1.40	1.80 %	Pass
	Sodium	5.00-6.00	5.44 %	Pass
	Zinc	65	70.40 mg/60cc	Pass
Manufacturer: Horse Health Products				
Product: Vita*E & Selenium Crumbles Vitami				
Sample No: 21D000217				
	ADF	20.0	18.70 %	Pass
	Calcium	6.0-7.0	5.94 %	Pass
	Crude Fiber	15.0	14.25 %	Pass
	NDF	32.0	27.40 %	Pass
	Protein, Crude	10.0	16.50 %	Pass
	Selenium	31.75	33.21 mg/lb	Pass
	Vitamin E	20000	18,530.00 IU/lb	Pass
Manufacturer: Huvepharma				
Product: Corid (amprolium 9.6%)				

Sample No:	Analyte	Claim	Found Unit	Disposition
21D010280	Amprolium	9.6	10.84 %	Pass
Product: Corid 20% Soluble Powder Coccidi				
21D012629	Amprolium	20	21.09 %	Pass
Manufacturer: Huvepharma Inc.				
Product: Corid (amprolium)				
21D003234	Amprolium	9.6	8.99 %	Pass
Product: Corid (Amprolium) 9.6% Oral Soluti				
21D003215	Amprolium	9.6	8.86 %	Pass
Product: Corid amprolium				
21D003224	Amprolium	9.6	9.09 %	Pass
Product: CORID Amprolium 20% Soluble Po				
21D003193	Amprolium	20	19.04 %	Pass
Manufacturer: Imu- Tek Animal Health Inc.				
Product: Bovine IgG Immu Start50				
21D012621	Crude Fiber	0.15-10	0.61 %	Pass
	Protein, Crude	11.0	29.32 %	Pass
	Vitamin E	1008	190.53 IU/lb	Deficient
	Vitamin A	94000	25,020.68 IU/lb	Deficient
Product: Kick Start- Colostrum, Electrolytes &				
21D003586	Ash Total	12	7.86 %	Pass
	Calcium	.75-1.25	0.90 %	Pass
	Crude Fat, Base Hydrolysis	15	17.10 %	Pass
	Phosphorus	.55	0.60 %	Pass
	Potassium	.5	1.59 %	Pass
	Protein, Crude	18	20.79 %	Pass
	Salt (Sodium x 2.54)	.8-1.2	1.07 %	Pass
	Selenium	.3	0.65 ppm	Pass
	Vitamin E	300	326.01 IU/lb	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: KickStart	Vitamin A	50000	94,940.00 IU/lb	Pass
Sample No: 21D012623				
	Ash Total	12	8.07 %	Pass
	Calcium	0.75-1.25	0.97 %	Pass
	Crude Fat, Base Hydrolysis	15	14.08 %	Pass
	Phosphorus	0.55	0.57 %	Pass
	Potassium	0.5	1.61 %	Pass
	Protein, Crude	18	22.91 %	Pass
	Salt (Sodium x 2.54)	0.8-1.2	1.41 %	Pass
	Selenium	0.3	0.29 ppm	Pass
	Vitamin E	300	271.08 IU/lb	Pass
	Vitamin A	50000	112,402.63 IU/lb	Pass
Manufacturer: Intervet Inc /Merck Animal Heal				
Product: Safe-guard (fenbendazole) Deworm				
Sample No: 21D003201				
	Fenbendazole	100	87.44 mg/mL	Pass
Manufacturer: Intervet Inc.				
Product: Panacur				
Sample No: 21D003227				
	Fenbendazole	100	111.70 mg/g	Pass
Sample No: 21D003583				
	Fenbendazole	10	11.05 %	Pass
Product: Panacur (fenbendazole) Equine De				
Sample No: 21D003197				
	Fenbendazole	100	109.82 mg/g	Pass
Product: Safe-guard				
Sample No: 21D003584				
	Fenbendazole	10	9.20 %	Pass
Product: safe-guard (fenbendazole)				
Sample No: 21D003228				
	Fenbendazole	100	105.83 mg/g	Pass
Product: Safe-guard (fenbendazole) Equine I				
Sample No: 21D003196				
	Fenbendazole	100	105.06 mg/g	Pass
Product: safeguard (fenbendazole) for goats				

<u>Sample No:</u>	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
21D003231	Fenbendazole	100	88.37 mg/mL	Pass
Product: Safe-guard canine dewormer				
21D003229	Fenbendazole	222	235.17 mg/g	Pass
Product: Safeguard Equine Dewormer				
21D010289	Fenbendazole	10	9.02 %	Pass
Manufacturer: Manna Pro Products, LLC				
Product: Advance- Arrest				
21D003588	Copper	.4	14.16 ppm	Pass
	Dextrose	50	50.40 %	Pass
	Potassium	.5	2.35 %	Pass
	Sodium	1.8-2.3	2.38 %	Pass
	Zinc	1.5	115.03 ppm	Pass
Product: Advance Pro-lyte Plus				
21D003585	Dextrose	60.0	59.69 %	Pass
	Magnesium	.1	0.19 %	Pass
	Potassium	1.5	3.25 %	Pass
	Sodium	4.0-5.0	4.75 %	Pass
Product: Advance Pro-Lyte Plus Energy Supl				
21D012651	Dextrose	60.0	52.94 %	Pass
	Magnesium	0.1	0.21 %	Pass
	Potassium	1.5	2.25 %	Pass
	Sodium	4.0-5.0	4.99 %	Pass
Product: Bounce Back Multi-Species Electrol				
21D012654	Dextrose	50.00	65.65 %	Pass
	Glycine	3.00	2.73 %	Pass
	Potassium	1.50	1.33 %	Pass
	Sodium	5.50-6.060	6.23 %	Pass
Product: Manna Pro- Kid Colostrum Supplerr				
21D003598				

<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Calcium	1.00	1.10 %	Pass
Crude Fat, Base Hydrolysis	15	13.88 %	Pass
Lysine	2.80	3.74 %	Pass
Methionine	.50	0.95 %	Pass
Phosphorus	.70	0.80 %	Pass
Protein, Crude	30.00	32.59 %	Pass
Selenium	.3	0.87 ppm	Pass
Sodium	.50-1	0.87 %	Pass
Vitamin E	250	239.75 IU/lb	Pass
Zinc	120	137.72 ppm	Pass
Vitamin A	30000	28,402.00 IU/lb	Pass

Product: MannaPro Advance Arrest

Sample No: 21D012622

Dextrose	50.0	53.54 %	Pass
Potassium	0.5	0.68 %	Pass
Sodium	1.8-2.3	2.44 %	Pass

Manufacturer: Merck Animal Health - Summit

Product: Panacur Equine Dewormer Paste 1l

Sample No: 21D010679

Fenbendazole	100	89.76 mg/g	Pass
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Product: Safe-Guard Equi-bits Dewormer

Sample No: 21D000221

Calcium	6.00-7.2	6.51 %	Pass
Crude Fiber	25.0	15.92 %	Pass
Fenbendazole	5.0	4.75 g/kg	Pass
Phosphorus	0.2	0.56 %	Pass
Protein, Crude	12.5	15.24 %	Pass

Manufacturer: Merial Limited

Product: Zimectrin

Sample No: 21D003226

Ivermectin	1.87	1.87 %	Pass
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Manufacturer: Merrick's Animal Health LLC

Product: Merrick's -Calf Electrolytes Gel Forr

Sample No: 21D003587

Calcium	.1-0.3	0.19 %	Pass
Potassium	1.3	1.49 %	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: Merrick's Poultry Electrolytes	Sodium	5.5-6.5	6.76 %	Pass
Sample No: 21D003593				
	Potassium	2	2.17 %	Pass
	Sodium	4-4.8	4.58 %	Pass
	Vitamin E	750	664.34 IU/lb	Pass
	Vitamin A	1,000,000	1,073,900.00 IU/lb	Pass
Manufacturer: Merrick's Animal Health, LLC				
Product: Merrick's Blue Ribbon Calf Electroly				
Sample No: 21D012642				
	Calcium	0.1-0.3	0.14 %	Pass
	Potassium	1.3	1.58 %	Pass
	Sodium	5.5-6.5	5.44 %	Pass
Product: Merrick's Blue Ribbon Keto-NIA Fre				
Sample No: 21D012655				
	Vitamin A	210000	0.00 IU/300mL	Deficient
Product: Merrick's- Cal-C-Fresh				
Sample No: 21D003590				
	Calcium	14.6	13.02 %	Pass
Manufacturer: Milk Products LLC-Chilton				
Product: Electrolytes+ Multi-Species Nutritior				
Sample No: 21D012653				
	Glycine	2.0	1.95 %	Pass
	Potassium	1.5	1.53 %	Pass
	Sodium	4.5-5.5	5.11 %	Pass
Product: Sav-A-Caf Electrolytes + Multi Spec				
Sample No: 21D003783				
	Glycine	2.0	1.82 %	Pass
	Potassium	1.5	2.15 %	Pass
	Sodium	4.5-5.5	4.97 %	Pass
Product: Sav-A-chick Electrolyte				
Sample No: 21D003594				
	Potassium	15	15.81 %	Pass
	Sodium	14-14.5	14.27 %	Pass
	Vitamin E	960	830.48 IU/lb	Pass
	Vitamin A	1280000	1,151,960.00 IU/lb	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: TheraCaf Plus	Vitamin A	1,280,000	932,310.00 IU/lb	Pass
Sample No: 21D003784				
	Glycine	4.00	4.93 %	Pass
	Potassium	1.50	3.38 %	Pass
	Protein,Crude	20.00	21.06 %	Pass
	Sodium	4.50-5.50	4.88 %	Pass
Manufacturer: Mills Fleet Farm				
Product: Keto Plus Gel/ Niacin Supplement fi				
Sample No: 21D012657				
	Vitamin A	210000	0.00 IU/tube	Deficient
Manufacturer: Neogen Corporation				
Product: Ideal Animal Health Vi-tal				
Sample No: 21D012640				
	Magnesium	1.0	0.97 %	Pass
	Potassium	10.0	9.81 %	Pass
	Sodium	22.0-26.0	22.12 %	Pass
	Vitamin E	2100	2,034.10 IU/lb	Pass
	Vitamin A	6900000	8,184,042.69 IU/lb	Pass
Manufacturer: Norbrook, Inc.				
Product: Normycin 300 LA oxytetracycline				
Sample No: 21D011343				
	Oxytetracycline	300	328.70 mg/ml	Pass
Product: Noromycin 300 LA				
Sample No: 21D003198				
	Oxytetracycline	300	291.36 mg/mL	Pass
Sample No: 21D003219				
	Oxytetracycline	300	274.34 mg/mL	Pass
Product: Noromycin 300 LA injection				
Sample No: 21D012627				
	Oxytetracycline	300	269.00 mg/mL	Pass
Manufacturer: Nova-Tech Inc				
Product: Dextrose Solution				
Sample No: 21D003214				
	Dextrose	50	48.40 %	Pass
Manufacturer: Ralco Nutrition, Inc.				

		<u>Analyte</u>	<u>Claim</u>	<u>Found</u>	<u>Unit</u>	<u>Disposition</u>
Product:	Flock Fixer					
Sample No:	21D003595					
		Salt (Sodium x 2.54)	1.10-1.60	1.67 %		Pass
		Vitamin E	454	459.82 IU/lb		Pass
Manufacturer:	Tractor Supply Co - Virginia W					
Product:	DuMor Calf Electrolyte & Stress Sup					
Sample No:	21D012641					
		Dextrose	50.0	44.94 %		Pass
		Glycine	4.00	4.84 %		Pass
		Potassium	1.50	1.44 %		Pass
		Protein, Crude	20.00	29.25 %		Pass
		Sodium	4.50-5.50	4.78 %		Pass
Product:	DuMor Multi-Species Electrolytes					
Sample No:	21D003780					
		Dextrose	60.00	62.94 %		Pass
		Potassium	2.25	2.38 %		Pass
		Sodium	6.00-6.50	7.06 %		Pass
Product:	DuMor Multi-Species Electrolytes S					
Sample No:	21D012656					
		Dextrose	60.00	60.24 %		Pass
		Potassium	2.25	2.52 %		Pass
		Sodium	6.00-6.50	7.71 %		Pass
Manufacturer:	Vets Plus, Inc.					
Product:	Probios Digestion Support with Prot					
Sample No:	21D000231					
		Crude Fat, Acid Hydrolysis	5	6.22 %		Pass
		Crude Fiber	4.5	3.76 %		Pass
		Moisture, Loss on Drying	12	9.07 %		Pass
		Protein, Crude	12	16.04 %		Pass
Product:	Revitilyte Oral Electrolyte Suppleme					
Sample No:	21D012649					
		Calcium	0.40-0.55	0.47 %		Pass
		Glycine	3.40	3.44 %		Pass
		Phosphorus	0.20	0.21 %		Pass
		Potassium	1.3	1.18 %		Pass
		Sodium	4.4-5.0	3.88 %		Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Manufacturer: Zoetis Inc. - Kalamazoo				
Product: Entrolyte H.E.				
Sample No:	21D003589			
	Calcium	.1-.6	0.22 %	Pass
	Glycine	2.3	2.45 %	Pass
	Phosphorus	.15	0.17 %	Pass
	Potassium	.95	0.89 %	Pass
	Sodium	2.4-2.9	2.85 %	Pass
Product: Entrolyte H.E. Nutritional Supleme				
Sample No:	21D012618			
	Calcium	0.1-0.6	0.21 %	Pass
	Glycine	2.3	2.30 %	Pass
	Magnesium	0.08	0.06 %	Deficient
	Phosphorus	0.15	0.18 %	Pass
	Potassium	0.95	1.15 %	Pass
	Protein, Crude	2.7	5.97 %	Pass
	Sodium	2.4-2.9	2.51 %	Pass
Product: Liquamycin				
Sample No:	21D001982			
	Oxytetracycline	200	187.29 mg/mL	Pass
Product: Liquamycin LA-200				
Sample No:	21D003200			
	Oxytetracycline	200	192.84 mg/mL	Pass
Sample No:	21D003223			
	Oxytetracycline	200	188.01 mg/mL	Pass
Sample No:	21D003230			
	Oxytetracycline	200	172.77 mg/mL	Pass
Product: Liquamycin oxytetracycline				
Sample No:	21D011476			
	Oxytetracycline	200	216.03 mg/ml	Pass
Product: Re-sorb				
Sample No:	21D003599			
	Glucose	44	39.48 g/packet	Pass
	Glycine	6.36	6.38 g/packet	Pass
	Potassium Citrate	.12	0.32 g/packet	Pass
	Potassium Phosphate	4.20	4.24 g/packet	Pass

	<u>Analyte</u>	<u>Claim</u>	<u>Found Unit</u>	<u>Disposition</u>
Product: RE-Sorb Oral Hydration, Electrolyte	Sodium Chloride	8.82	8.36 g/packet	Pass
Sample No: 21D012643				
	Glycine	6.36	6.37 g/packet	Pass
	Potassium Citrate	0.12	0.14 g/packet	
	Potassium Phosphate	4.20	4.30 g/packet	Pass
	Sodium Chloride	8.82	8.01 g/packet	
Product: Terramycin				
Sample No: 21D003220				
	Oxytetracycline	250	254.32 mg/bolus	Pass
Product: Zoetis Strongid pyrantel pamoate pr				
Sample No: 21D011477				
	Pyrantel	0.1525	0.15 g/g	Pass