



Washington State Department of Agriculture
Animal Feed Program
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Chemist Report Results for Feed Samples

Samples Reported January 1, 2017 through December 31, 2017

Key: D = Deficient/Excess; Found = 0 indicates value could not be detected at the minimum detection level.

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

ADM ANIMAL NUTRITION

QUINCY

FD-05-0024-17 PEN PALS EGG MAKER COMPLETED

Crude Protein:	16		16.6	
Lysine:	0.7		3.6	
Methionine:	0.32		0.318	
Calcium:	3.9	4.9	3.35	D
Phosphorous:	0.4		0.599	
Salt:	0.2		0.44	

FD-05-0026-17 SWEET UNIQUE ALL STOCK

Crude Protein:	12		13.6	
Lysine:	0.6		0.771	
Crude Fat:	2%		2.6%	
Calcium:	0.6	1.1	0.797	
Phosphorous:	0.4		0.412	
Salt:	0.5	1	0.8	
Selenium:	0.3ppm		0.704ppm	
Zinc:	100ppm		160ppm	

AFCO DISTRIBUTION AND MILLING

SPOKANE VALLEY

FD-11-0024-17 COB WITH MOLASSES

Crude Protein:	9		8.8	
Crude Fat:	2.5%		3.5%	

FD-20-0077-17 LMF GENTLE BALANCE

Crude Protein:	12		13.8	
Crude Fat:	6%		6.6%	
Calcium:	0.8	1.1	1.25	
Phosphorous:	0.7		0.786	
Copper:	50		51	
Selenium:	0.7		0.676	
Zinc:	170		178	
Monensin:			0.016	

FD-20-0181-17 LMF GOLD

Crude Protein:	12		13.8	
Crude Fat:	12%		11.7%	
Calcium:	1	1.3	1.07	
Phosphorous:	0.7		0.63	
Copper:	60ppm		54.3ppm	
Selenium:	0.65ppm		0.942ppm	
Zinc:	170ppm		189ppm	

FD-11-0020-17 LMF GOLD

Crude Protein:	12		12.3	
Crude Fat:	12%		9.7%	D
Calcium:	1	1.3	1.03	
Phosphorous:	0.7		0.751	
Copper:	60ppm		56.8ppm	
Selenium:	0.65ppm		0.731ppm	
Zinc:	170ppm		189ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0079-17 LMP SENIOR

Crude Protein:	14			16.3
Crude Fat:	4%			4.5%
Calcium:	0.6	0.9		1.02
Phosphorous:	0.4			0.494
Copper:	30			29.1
Selenium:	0.3			0.408
Zinc:	80			89.5

FD-20-0175-17 MGM (MOLASSIFIED GRAIN MIX)

Crude Protein:	10			9.8
Crude Fat:	2%			4.1%

FD-11-0022-17 MGM (MOLASSIFIED GRAIN MIX)

Crude Protein:	10			8.8
Crude Fat:	2%			3.6% D

ALLEGRA

BELLEVUE

FD-21-0022-17 ALLEGRA CADENCE

Crude Protein:	14			14.8
Lysine:	70			0.818
Crude Fat:	7%			7.9%
Calcium:	0.8	1.3		0.842
Phosphorous:	0.6			0.615
Sodium:				0.355
Copper:	55ppm			58.6ppm
Selenium:	90ppm			1.01ppm
Zinc:	150ppm			202ppm

FD-21-0021-17 ALLEGRA SENIOR

Crude Protein:	14			11.9 D
Lysine:	0.7			0.701
Crude Fat:	6%			7.1%
Calcium:	0.8	1.3		0.736
Phosphorous:	0.5			0.402
Sodium:				0.227
Selenium:	0.65ppm			0.701ppm
Zinc:	150ppm			153ppm

AMERICAN PET NUTRITION

EXETER

FD-20-0105-17 MY LITTLE WOLF PORT PLEASER RECIPE

Crude Protein:	17			23.2
Crude Fat:	4%			9.3%

ASSOCIATED FEED AND SUPPLY CO

TURLOCK

FD-21-0006-17 LAMB SLAM TEXTYRED W/BOVATEC

Crude Protein:	17.4			18
NPN:		2		0.974
Crude Fat:	3.7%			4.1%
Crude Fiber:		6.6		6.4
Calcium:	0.92	1.32		1.36
Sodium:	0.11	0.11		0.321
Selenium:	0.1ppm			0.321ppm D
Lasalocid	30g/ton			26.1g/ton
Ash	7			7.4

AUNT J'S FARM

NEWMAN LAKE

FD-11-0016-17 ALL-PURPOSE FEED

Crude Protein:	11			11.5
Crude Fiber:	1.6			1.8

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-11-0015-17 CHICEKN FEED

Crude Protein:	15		15.2	
Lysine:	0.7		1	
Methionine:	0.17		0.225	
Crude Fat:	1.5%		1.9%	
Calcium:	0.38	0.88	0.521	
Phosphorous:	0.42		0.458	
Salt:	0.2	0.7	0.42	

FD-11-0018-17 HIGH PROTEIN CHICKEN FEED

Crude Protein:	16		13.9	D
Lysine:	0.7		1.01	
Methionine:	0.17		0.211	
Crude Fat:	1.5%		1.7%	
Calcium:	0.38	0.88	0.531	
Phosphorous:	0.42		0.42	
Salt:	0.2		0.44	

FD-11-0014-17 PIG FEED

Crude Protein:	15		14.7	
Crude Fat:	1.5%		1.9%	
Calcium:	0.38	0.88	0.566	
Phosphorous:	0.42		0.453	
Salt:	0.2	0.7	0.48	
Selenium:	0.42ppm		0.181ppm	D
Zinc:	100ppm		156ppm	

BAR ALE PREMIUM LIVESTOCK FEEDS

WILLIAMS

FD-21-0014-17 BAR ALE 16% LAYER PELLET

Crude Protein:	16		16.9	
Lysine:	0.9		0.947	
Methionine:	0.4		0.399	
Crude Fat:	3.1%		3.7%	
Calcium:	2.7	3.9	3.15	
Phosphorous:	0.5		0.732	
Sodium:	0.3	0.3	0.117	D

BLUE BUFFALO COMPANY LLC

WILTON

FD-21-0017-17 EARTH'S ESSENTIALS HARVEST TABLE SPECIALITY FOOD ROLLS DOG FOOD

Crude Protein:	10		13	
Crude Fat:	5%		6.6%	
Moisture	49		42.4	

BUCHANAN CELLERS

MCMINNVILLE

FD-20-0179-17 BEAVER BRAND ALL BREED 14%

Crude Protein:	14		13.8	
Crude Fat:	2%		3.3%	
Calcium:	0.75	1.25	1.04	
Phosphorous:	0.4		0.422	
Salt:	0.5	1	1.02	
Potassium:	0.98		1.14	
Selenium:	0.65ppm		0.595ppm	
Zinc:	90ppm		132ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0162-17 BEAVER BRAND ALL BREED 14%

Crude Protein:	14		14.5	
Crude Fat:	2%		3%	
Calcium:	0.75		1.09	
Phosphorous:	0.4		0.458	
Salt:	0.5		1.19	D
Potassium:	0.98		1.24	
Selenium:	0.65ppm		0.516ppm	
Zinc:	90ppm		142ppm	

FD-21-0013-17 BEAVER BRAND NRG LAYER 16 CRUMBLES (BW)

Crude Protein:	16		18	
Lysine:	0.8		1.04	
Methionine:	0.25		0.296	
Crude Fat:	3%		3.5%	
Calcium:	3.8	4.3	3.77	
Sodium:	0.18	0.18	0.18	
Salt:	0.3	0.55	0.46	

FD-21-0025-17 EQUI LUX HI-FAT EVEN PELLET

Crude Protein:	14		15.4	
Crude Fat:	8%		9%	
Calcium:	0.6	0.9	1.04	
Phosphorous:	0.6		0.961	
Copper:	60ppm		38.7ppm	
Selenium:	0.6ppm		0.57ppm	
Zinc:	230ppm		227ppm	

CANIDAE CORPORATION

NORCO

FD-20-0121-17 CANIDAE ALL LIFE STAGE FORMULA FOR DOGS

Crude Protein:	24		25	
Crude Fat:	14.5%		15.3%	

CARGILL ANIMAL NUTRITION

MINNEAPOLIS

FD-05-0070-17 COUNTRY ACRES SWEET MIX PLUS

Crude Protein:	9		8.7	
Crude Fat:	2.5%		4.8%	
Calcium:	0.15	0.65	0.302	
Phosphorous:	0.2		0.263	
Sodium:			0.268	
Salt:	0.2	0.7	0.834	D
Potassium:	0.5		0.603	
Selenium:	0.15ppm		0.367ppm	
Zinc:	50ppm		68ppm	

FD-05-0069-17 COUNTRY COMPANION 12% ALL STOCK

Crude Protein:	12		14	
Crude Fat:	2.5%		3.8%	
Calcium:	1.5	2	2.05	
Phosphorous:	0.4		0.723	
Sodium:	0.4	0.4	0.461	
Salt:	1	1.5	1.31	
Potassium:	0.7		0.898	
Selenium:	0.1ppm		0.319ppm	
Zinc:	40ppm		134ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-05-0061-17 COUNTRY FEEDS GOAT TEXTURED 17%

Crude Protein:	17		18.3
NPN:		1.22	1.2
Crude Fat:	3%		4%
Calcium:	0.6	1.1	1.22
Phosphorous:	0.45		0.731
Sodium:	0.15	0.15	0.145
Salt:	1.25	1.75	1.32
Copper:	22ppm	35ppm	21.3ppm
Selenium:	0.3ppm		0.745ppm

FD-05-0057-17 EMPOWER TOPLINE BALANCE

Crude Protein:	30		30.3
Lysine:	2.2		2.69
Methionine:	0.8		0.647
Crude Fat:	5%		5%
Calcium:	3	3.5	3.42
Phosphorous:	1.5		1.55
Copper:	250ppm		234ppm
Selenium:	2.5ppm		3.07ppm
Zinc:	750ppm		751ppm

FD-05-0058-17 NATUREWISE LAYER 16% PELLETS

Crude Protein:	16		16.5
Lysine:	0.75		1.35
Methionine:	0.35		0.348
Crude Fat:	2.5%		3.4%
Calcium:	3.7	3.9	3.68
Phosphorous:	0.45		0.52
Selenium:	0.3ppm		0.441ppm
Manganese:	110ppm		166ppm

FD-05-0063-17 NUTRA BEEF GROWER/FINISHER TEXTURED

Crude Protein:	12		13.4
Crude Fat:	3.5%		5.7%
Calcium:	0.65	0.9	1.05
Phosphorous:	0.28		0.672
Salt:	0.5	1	0.747
Potassium:	0.6		0.994

FD-05-0056-17 NUTRENA PROFORCE SENIOR

Crude Protein:	14		13.9
Lysine:	0.75		1.04
Crude Fat:	11%		14.2%
Calcium:	0.8	1.05	0.997
Potassium:	60		0.66
Copper:	60ppm		51.1ppm
Zinc:	150ppm		219ppm

FD-05-0060-17 SAFECHOICE SENIOR

Crude Protein:	14		15.9
Lysine:	0.7		1.42
Methionine:	0.3		0.376
Crude Fat:	8%		9.2%
Calcium:	0.75	0.95	1.08
Phosphorous:	0.65		0.862
Copper:	40ppm		50.7ppm
Selenium:	0.3ppm		0.487ppm
Zinc:	140ppm		160ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-05-0059-17 SHOW EDGE PIG FEED

Crude Protein:	18		18.9
Lysine:	1		1.58
Crude Fat:	5%		5.2%
Calcium:	0.6	0.9	0.744
Phosphorous:	0.55		0.85
Sodium:	0.2	0.2	0.225
Salt:	0.5	1	0.632
Copper:	250ppm		251ppm
Selenium:	0.3ppm		0.539ppm
Zinc:	145ppm		198ppm

CARGILL INCORPORATED

MINNEAPOLIS

FD-20-0084-17 SNOHOMISH LAYER COMPLETE 16 PELLET (BW)

Crude Protein:	16		16.8
Lysine:	0.7		0.54
Methionine:	0.3		0.286
Crude Fat:	2.5%		3.7%
Calcium:	3.4	3.9	3.85
Sodium:	0.15	0.15	0.161
Salt:	0.25	0.65	0.42

FD-20-0083-17 SNOHOMISH SENIOR HORSE FEED (BW)

Crude Protein:	13		14.8
Crude Fat:	4%		4.6%
Calcium:	0.9	1.1	1.05
Phosphorous:	0.5		0.636
Copper:	40ppm		48.9ppm
Selenium:	0.4ppm		0.419ppm
Zinc:	100ppm		120ppm
Monensin:			0.0198g/to

CAVALOR

DALTON

FD-20-0078-17 PIANISSIMO SPECIAL CARE STRESS CONTROL

Crude Protein:	11		12.6
Crude Fat:	3.5%		3.4%
Calcium:	0.7	1	1.02
Phosphorous:	0.5		0.659
Sodium:	0.2	0.2	0.252
Copper:	40		46.9
Selenium:	0.3		0.598
Zinc:	125		190
Monensin:			0.016

CHAMPION PET FOODS L.P.

EDMONTON ALBERTA

FD-20-0101-17 ACANA HERITAGE FREE-RUN POULTRY FORMULA CANINE

Crude Protein:	29		32.1
Crude Fat:	17%		14.3% D
Calcium:	1		1.32
Phosphorous:	0.8		0.972

FD-20-0102-17 ACANA MEADOWLAND REGIONAL FORMULA CAT

Crude Protein:	35		38.2
Crude Fat:	20%		17.1% D
Calcium:	1		2.1
Phosphorous:	0.8		1.46

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0099-17 ORIEN PUPPY DOG FOOD

Crude Protein:	38		41.8
Crude Fat:	20%		18.9%
Calcium:	1.2		2.15
Phosphorous:	0.9		1.51

CHS INC

MANKATO

FD-20-0161-17 CANOLA MEAL

Crude Protein:	36		37.6
Crude Fat:	1%		3.4%
Moisture	12		9.5

CHS NUTRITION

SIOUX FALLS

FD-20-0038-17 CHAMPION LAMB TEXTURIZED B30 MEDICATED

Crude Protein:	17		16.5
Crude Fat:	4%		3.6%
Calcium:	0.75	1.25	0.931
Phosphorous:	0.5		0.589
Salt:	0.25	0.75	1.26 D
Selenium:	0.3		0.604
Lasalocid	30g/ton		5.78g/ton

FD-20-0204-17 CHAMPION LAMB TEXTURIZED B30 MEDICATED

Crude Protein:	17		16.9
NPN:		2	1.3
Crude Fat:	4%		4%
Calcium:	0.75	1.25	1.02
Phosphorous:	0.5		0.548
Salt:	0.25	0.75	1.4 D
Selenium:	0.3ppm		1.06ppm
Lasalocid	30g/ton		25.5g/ton

FD-20-0057-17 EQUIS COMPLETE

Crude Protein:	13		16.5
Lysine:	0.6		0.793
Methionine:	0.2		0.214
Crude Fat:	2%		2.7%
Calcium:	0.75	1.25	1.35
Phosphorous:	0.4		0.524
Copper:	50		43.8
Selenium:	0.6		0.606
Zinc:	175		165
Monensin:			0.0952

FD-20-0089-17 EQUIS GOLDEN SENIOR

Crude Protein:	14		16
Lysine:	0.6		0.67
Methionine:	0.2		0.186
Crude Fat:	6%		5.8%
Calcium:	0.75	1.25	0.92
Phosphorous:	0.4		0.721
Copper:	65ppm		64.5ppm
Selenium:	0.85ppm		1.02ppm
Zinc:	225ppm		247ppm
Monensin:			0.016

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0085-17 GUINEA PIG PELLET

Crude Protein:	18		18.5
Lysine:	0.75		0.918
Crude Fat:	2%		2.9%
Calcium:	0.75	1.25	0.943
Phosphorous:	0.6		0.704
Salt:	0.5	1	0.66
Zinc:	210ppm		215ppm

FD-20-0058-17 KOUNTRY BUFFET 14% TEXT

Crude Protein:	14		14.7
Crude Fat:	3%		3.5%
Calcium:	0.75	1.25	1.16
Phosphorous:	0.4		0.677
Salt:	0.25	0.75	0.7
Magnesium:	0.15		0.33
Potassium:	0.5		1.12
Selenium:	0.85ppm		1.31ppm D
Zinc:	200ppm		290ppm

FD-20-0016-17 PAYBACK BOER GOAT DEVELOPER R20 MEDICATED

Crude Protein:	17		18.8
Crude Fat:	2.5%		2.8%
Calcium:	0.75	1.25	1.48 D
Phosphorous:	0.35		0.639
Salt:	0.75	1.25	2.3 D
Selenium:	0.8		2 D
Monensin	20		19.7

FD-20-0017-17 PAYBACK EGG LAYER RATION CRUMBLE

Crude Protein:	17		17.8
Lysine:	0.85		0.942
Methionine:	0.4		0.356
Crude Fat:	3%		3.1%
Calcium:	3.5	4.5	3.41
Phosphorous:	0.6		0.587
Salt:	0.25	0.75	0.17

FD-20-0088-17 PAYBACK FRYER RATION

Crude Protein:	21		20.5
Lysine:	1.15		1.25
Methionine:	0.4		0.426
Crude Fat:	3%		3.9%
Calcium:	0.75	1.25	0.85
Phosphorous:	0.6		0.654
Salt:	0.25	0.75	0.49

FD-20-0015-17 PAYBACK KOUNTRY BUFFET 14% TEXT

Crude Protein:	14		14.1
Crude Fat:	3%		3.5%
Calcium:	0.75	1.25	0.932
Phosphorous:	0.4		0.607
Salt:	0.25	0.75	0.64
Magnesium:	0.15		0.31
Potassium:	0.5		1.13
Selenium:	0.85		1.14
Zinc:	200		308

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-21-0027-17 PAYBACK RABBIT 16

Crude Protein:	16			16.3
Crude Fat:	2%			2.6%
Crude Fiber:	16	19		16.3
Calcium:	0.75	1.25		0.999
Phosphorous:	0.4			0.461
Sodium:				0.17
Salt:	0.25	0.75		0.33

FD-20-0014-17 PAYBACK RABBIT 18

Crude Protein:	18			18
Crude Fat:	2%			2%
Crude Fiber:	15	17		19.5
Calcium:	0.75	1.25		0.984
Phosphorous:	0.4			0.397
Salt:	0.25	0.75		0.58

FD-20-0087-17 SWEET 16 DAIRY

Crude Protein:	16			16.8
Crude Fiber:	3			3.5
Calcium:	0.8	1.1		0.88
Phosphorous:	0.45			0.617
Salt:	0.75	1.25		1.06
Copper:	23ppm			23.2ppm
Selenium:	0.8ppm			0.862ppm

FD-20-0168-17 VITALIX #17 TUB BASE

Crude Protein:	38			40.9
Calcium:	2	2.5		2.63
Phosphorous:	2.8			2.85
Magnesium:	2.5			1.86 D
Potassium:	1			1.49
Copper:	720ppm			621ppm
Selenium:	14.2ppm			12ppm
Zinc:	2110ppm			1700ppm

FD-20-0170-17 VITALIX #2 CONDITIONER TUB BASE

Crude Protein:	0.29			29.8
Crude Fat:	1.5%			0.6% D
Calcium:	3.5			4.15
Phosphorous:	4.8			4.57
Magnesium:	6.5			5.67
Potassium:	1.25			1.47
Copper:	1360			1580
Selenium:	26.6			30.9
Zinc:	3995			4120

FD-20-0169-17 VITALIX #7 TUB BASE

Calcium:	17.5	21		19.8
Phosphorous:	13.3			11.8 D
Magnesium:	5			3.9 D
Copper:	2660ppm			1760ppm D
Selenium:	57.7ppm			29ppm D
Zinc:	7085ppm			5440ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

COUNTRY ACRES FEED COMPANY	BRENTWOOD
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FD-05-0014-17 COUNTRY ACRES ALL -STOCK TEXTURED

Crude Protein:	14		15.4
Crude Fat:	3%		4%
Calcium:	0.9	1.4	1
Phosphorous:	0.45		0.463
Sodium:			0.252
Salt:	0.3	0.8	0.7
Potassium:	0.75		1.04
Selenium:	0.08		0.809
Zinc:	60ppm		139ppm
Ash	12		6.7

FD-20-0081-17 COUNTRY ACRES ALL-STOCK 14% TEXTURED

Crude Protein:	14		14.1
Crude Fat:	3%		4.3%
Calcium:	0.9	1.4	0.907
Phosphorous:	0.45		0.647
Sodium:	0.55	0.55	0.247
Salt:	0.3	0.8	0.78
Selenium:	0.8		0.846 D
Zinc:	60		108
Ash	12		6.6

FD-05-0044-17 COUNTRY ACRES ALL-STOCK 14% TEXTURED

Crude Protein:	14		14.8
Crude Fat:	3%		4.3%
Calcium:	0.9	1.4	1.15
Phosphorous:	0.45		0.677
Sodium:			0.258 D
Salt:	0.3	0.8	1 D
Potassium:	0.75		1.05
Selenium:	0.8		0.583 D
Ash	12		7.6345

FD-20-0205-17 COUNTRY ACRES ALL-STOCK 14% TEXTURED

Crude Protein:	14		14.2
Crude Fat:	3%		3.9%
Calcium:	0.9	1.4	0.945
Phosphorous:	0.45		0.608
Sodium:			0.264
Salt:	0.3	0.8	0.85
Potassium:	0.75		1.06
Selenium:	0.8ppm		0.824ppm
Zinc:	60ppb		107ppb

FD-20-0197-17 COUNTRY ACRES ALL-STOCK 14% TEXTURED

Crude Protein:	14		14.6
Crude Fat:	3%		3.9%
Calcium:	0.9	1.4	1.07
Phosphorous:	0.45		0.552
Sodium:			0.237
Salt:	0.3	0.8	0.88
Potassium:	0.75		1.03
Selenium:	0.8ppm		0.876ppm
Zinc:	60ppm		96.1ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-05-0016-17 GRAINLAND SELECT C.O.B. W/MOL

Crude Protein:	8		8.9
Crude Fat:	2.5%		5.4%
Calcium:	0.01	0.51	0.0884
Phosphorous:	0.15		0.294
Sodium:			0.0215

FD-20-0021-17 HOME GROWN ALL-PURPOSE POULTRY FEED

Crude Protein:	16		15.7
Lysine:	0.7		0.825
Methionine:	0.25		0.257
Crude Fat:	2.5%		3.8%
Calcium:	0.7	1.2	0.674
Phosphorous:	0.55		0.629
Salt:	0.1	0.6	0.4
Selenium:	0.6		0.536

ELENBAAS COMPANY

LYNDEN

FD-20-0190-17 COUNTRY CRITTERS 14%

Crude Protein:	14		14.7
Crude Fat:	3.5%		5.4%
Calcium:	0.8	1.1	0.92
Phosphorous:	0.6		0.755
Salt:	1.05	1.4	1.31
Potassium:	0.7		1.09
Selenium:	0.5ppm		0.978ppm D
Zinc:	150ppm		134ppm

FD-20-0191-17 RSF204Z ALL PURPOSE

Crude Protein:	16		16.9
Lysine:	0.4		0.87
Crude Fat:	2%		5.5%
Calcium:	0.05	0.45	0.125
Phosphorous:	0.37		1.02
Salt:	0.1	0.18	0.87
Potassium:	0.08		1.12
Copper:	15ppm	25ppm	11.4ppm
Selenium:	70ppm		0.914ppm
Zinc:	45ppm		133ppm

FARM DOG BAKERY

LONGVIEW

FD-21-0024-17 BACON AND CHEESE

Crude Protein:	19.4		21.6
Crude Fat:	15.8%		15%
Moisture	2.78		3.7 D

FD-21-0023-17 PEANUT BUTTER FLAVOR

Crude Protein:	17		17.8
Crude Fat:	14.6%		13.8%
Moisture	3.04		3.8 D

FRESHPET

SECAUCUS

FD-20-0148-17 FRESHPET VITAL WHOLE BLENDS SENIOR DOG FOOD QUINOA, SWEET POTA

Crude Protein:	4.5		8.6
Crude Fat:	4.5%		5.7%
Moisture	62		48

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FROMM FAMILY FOODS, LLC	MEQUOM
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FD-20-0098-17 FROMM FAMILY ADULT GOLD FOOD FOR CATS

Crude Protein:	32		37.6	
Crude Fat:	18%		16.1%	D

GLOBAL AGRI-TRADE CORPORATION	RANCHO DOMINGUEZ
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FD-20-0151-17 NURISOL

Crude Fat:	84%		83.1%	
Calcium:	8	10	9.31	

FD-20-0150-17 PALMIT 80

Crude Fat:	99%		100.5%	
Moisture	0.2		0.9	D

GRANGE COOPERATIVE SUPPLY	CENTRAL POINT
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FD-20-0040-17 ROGUE NATURE'S HAMMONY ORGANIC HEN SCRATCH

Crude Protein:	7		10.2	
Crude Fat:	2%		2.5%	
Ash			1.9	

HALF MOON FEEDS & MILLING, LLC	DEER PARK
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FD-11-0004-17 PREMIUM HOG GROWER

Crude Protein:	16		15.6	
Lysine:	0.9		0.623	
Crude Fat:	2.8%		3.9%	
Calcium:	0.4	0.9	0.935	
Phosphorous:	0.8		0.9	
Salt:	0.3	0.8	1.2	D
Selenium:	0.3ppm		0.648ppm	
Zinc:	80ppm		186ppm	

FD-11-0006-17 PREMIUM LAYER 16%

Crude Protein:	16		14.4	D
Lysine:	0.78		0.582	
Methionine:	0.37		0.262	
Crude Fat:	3.5%		3.5%	
Calcium:	3.5	4.5	2.55	D
Phosphorous:	0.6		0.648	
Salt:	0.26	0.5	0.77	D

FD-11-0008-17 PRO STABLE MIX

Crude Protein:	11		12.2	
Crude Fat:	2.5%		3.4%	
Calcium:	0.15	0.17	0.278	
Phosphorous:	0.36		0.432	
Copper:	10ppm		7.71ppm	
Selenium:	0.3ppm		0.464ppm	
Zinc:	54ppm		48.6ppm	

HAYSTACK FARM AND FEED	REDMOND
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FD-21-0026-17 SPECIAL BLEND PELLETS

Crude Protein:	12		12.9	
Crude Fat:	6%		5.4%	
Calcium:	0.8	1.2	0.92	
Phosphorous:	0.2		0.288	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0094-17 SPECIAL BLEND PELLETS

Crude Protein:	12			13.3
Crude Fat:	6%			7.3%
Calcium:	0.8	1.2		0.993
Phosphorous:	0.2			0.444
Ash	8			7.2

HELENA CHEMICAL COMPANY

CULVER

FD-20-0180-17 WILD BIRD FEED

Crude Protein:	9.5			10.9
Crude Fat:	2.5%			4.7%
Ash	2.5			1.7

HORSE GUARD INC

REDMOND

FD-05-0071-17 ESSENTIAL

Crude Protein:	12			15.5
Crude Fat:	16%			15.1%
Calcium:	1	1.3		0.152 D
Phosphorous:	0.9			0.437 D
Salt:	0.8	1.1		0.921
Magnesium:	0.5			0.186 D
Selenium:	3.3ppm			2.52ppm

JEFF LASHAW FARMS, INC

ROCKFORD

FD-11-0030-17 CHICKEN LAYER

Crude Protein:	17			12.3 D
Lysine:	0.7			0.727
Methionine:	0.25			206
Crude Fat:	2.5%			1.7% D
Calcium:	3	4		0.964 D
Phosphorous:	0.5			0.422 D
Sodium:	0.1	0.1		0.0417 D
Salt:	0.1	0.6		0.17
Selenium:	0.3			0.069 D

FD-11-0032-17 PIG GROWER

Crude Protein:	18.5			12.4 D
Lysine:	0.7			797
Methionine:	0.25			0.211
Crude Fat:	2.5%			1.7% D
Calcium:	3	4		0.292 D
Phosphorous:	0.5			548
Sodium:	0.1	0.1		0.123
Salt:	0.1	0.6		0.38
Selenium:				0.179ppm
Zinc:				141ppm

FD-11-0028-17 SCRATCH

Crude Protein:	8			16.7
Crude Fat:	1.5%			1.8%
Calcium:	0.01	0.5		0.0521
Phosphorous:	0.2			0.405

LANDUS COOPERATIVE

RALSTON

FD-20-0152-17 SOYCLOR

Crude Protein:	16.5			20
Crude Fat:	2.5%			2.6%
Calcium:	3.75	4.75		3.66
Phosphorous:	0.2			0.489
Magnesium:	2.4			2.73

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

LMF FEEDS, INC	WEISER
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FD-20-0176-17 LMF FEEDS, INC H90A PREMIX

Calcium:	5.4	6.4	5.86	
Phosphorous:	15		14.4	
Sodium:	8.1	8.1	9.53	
Salt:	8.1	9.7	11.2	D
Copper:	1840		1650	
Selenium:	25		17.8	D
Zinc:	5600		4750	

MARS PET CARE	FRANKLIN
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FD-05-0083-17 IAMS PROACTIVE HEALTH LARGE BREED

Crude Protein:	22.5		24.1	
Crude Fat:	12.5%		13%	
Crude Fiber:		5	2	
Calcium:	0.9		1.25	
Phosphorous:	0.7		1.01	

MID STATES DISTRIBUTING COMPANY	MENDOTA HEIGHTS
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FD-20-0134-17 COUNTY COMPANION 12% ALL STOCK (BW)

Crude Protein:	12		14.9	
Crude Fat:	2.5%		4.5%	
Calcium:	1.5	2	1.86	
Phosphorous:	0.4		0.818	
Sodium:	0.4	0.4	0.506	
Salt:	1	1.5	1.38	
Potassium:	0.7		1.03	
Selenium:	0.1ppm		0.385ppm	
Zinc:	40ppm		134ppm	

MID VALLEY MILLING	PROSSER
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FD-20-0008-17 COMPLETE LINE GOAT RATION

Crude Protein:	16		14	D
Crude Fat:	2.5%		3.5%	
Calcium:	0.6	1.1	1.59	D
Phosphorous:	0.6		0.3	D
Salt:	0.5	1	1.6	D
Selenium:	0.3ppm		0.364ppm	

FD-05-0049-17 HEAD START GROWER

Crude Protein:	12		14.6	
Crude Fat:	1%		2.7%	
Calcium:	0.6	1.1	1.32	D
Phosphorous:	0.6		0.376	D

MIDWESTERN PET FOODS	EVANSVILLE
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FD-21-0016-17 PRO PAC ULTIMATES CAT AND KITTEN SAVANNA PRIDE INDOOR FORMULA

Crude Protein:	34		39	
Crude Fat:	15%		14.1%	

NATURAL FARM FEED	SPOKANE
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FD-20-0182-17 DAIRY GOAT FEED

Crude Protein:	17		16.6	
Crude Fat:	4.5%		5.3%	
Calcium:	1	1.5	1.5	
Phosphorous:	0.6		0.662	
Salt:	0.3	0.7	0.13	D
Copper:	13ppm		53.7ppm	
Selenium:	0.8ppm		0.822ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0184-17 HOG FEED

Crude Protein:	15			15.7
Lysine:	0.65			1.21
Methionine:	0.2			0.187
Crude Fat:	2.5%			3%
Calcium:	0.8	1.2		0.863
Phosphorous:	0.5			0.507
Salt:	0.25	0.5		0.46
Selenium:	0.2ppm			0.559ppm
Zinc:	50ppm			145ppm

FD-20-0183-17 LAYER FEED

Crude Protein:	16			14.9 D
Lysine:	0.8			0.914
Methionine:	0.25			0.174
Crude Fat:	3%			4.2%
Calcium:	3	4		4.08
Phosphorous:	0.6			0.613
Salt:	0.25	0.75		0.46

FD-20-0185-17 SWINE FEED

Crude Protein:	18			18.2
Lysine:	1			1.29
Methionine:	0.25			0.248
Crude Fat:	3%			3.6%
Calcium:	0.6	1		1.06
Phosphorous:	0.5			0.733
Salt:	0.25	0.5		0.35
Selenium:	0.2ppm			0.0693ppm D
Zinc:	80ppm			117ppm

NORTHWEST SEED & PET

SPOKANE

FD-20-0218-17 NORTHWEST HIGH DENSITY FERRET CHOW

Crude Protein:	38			39.8
Crude Fat:	20.5%			19.5%
Moisture	12			7.5
Ash	8			8.1 D

NULO, INC

AUSTIN

FD-20-0119-17 NULO FREESTYLE GRAIN-FREE CHICKEN & COD CAT & KITTEN

Crude Protein:	40			43.1
Crude Fat:	20%			20.1%
Calcium:	1.1			1.52
Phosphorous:	0.9			1.22

NUTRENA FEEDS

MINNEAPOLIS

FD-20-0095-17 COUNTRY FEEDS COB (MOL) (BW)

Crude Protein:	8			9
Crude Fat:	1%			3%

FD-20-0141-17 COUNTRY FEEDS GOAT TEXTURED 17% (BW)

Crude Protein:	17			19.1
NPN:	1.22			1.3
Crude Fat:	3%			4.2%
Calcium:	0.6	1.1		1.15
Phosphorous:	0.45			0.732
Sodium:	0.15	0.15		0.141
Salt:	1.25	1.75		1.41
Copper:	22ppm	35ppm		19.2ppm
Selenium:	0.3ppm			0.551ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0011-17 COUNTRY FEEDS SCRATCH GRAINS

Crude Protein:	7		9.8
Crude Fat:	2%		2.5%

FD-20-0139-17 COUNTRY FEEDS LAYER 16% CRUMBLES (BW)

Crude Protein:	16		17.1
Lysine:	0.7		1.29
Methionine:	0.3		0.294
Crude Fat:	2.5%		3.6%
Calcium:	3.4	3.9	3.84
Phosphorous:	0.45		0.685
Sodium:	0.15	0.15	0.147
Salt:	0.25	0.65	0.403

FD-20-0009-17 GROWER FINISHER PIG FEED 16%

Crude Protein:	16		17.9
Lysine:	0.85		1.14
Crude Fat:	3%		3.8%
Calcium:	0.6	1.1	1.09
Phosphorous:	0.5		0.465
Sodium:	0.15	0.15	0.229
Salt:	0.25	0.75	0.74
Selenium:	0.3ppm		0.436ppm
Zinc:	126ppm		152ppm

FD-20-0010-17 NATURE WISE LAYER FEED 16% PELLET

Crude Protein:	16		17.63
Lysine:	0.75		0.976
Methionine:	0.35		0.322
Crude Fat:	2.5%		4.2%
Calcium:	3.7	3.9	3.54
Phosphorous:	0.45		0.417
Sodium:	0.15	0.15	0.158
Salt:	0.25	0.65	0.41
Selenium:	0.3		0.675
Manganese:	110		151

FD-20-0065-17 NATURESMART ORGANIC CHICK STARTER/GROWER 20% (BW)

Crude Protein:	20		19.4
Lysine:	1		1.16
Methionine:	0.32		0.277
Crude Fat:	2.5%		4.8%
Calcium:	0.75	1.25	1.08
Phosphorous:	0.5		0.804
Sodium:	0.18	0.18	0.157
Salt:	0.25	0.06	0.44
Selenium:	0.3		1.18
Manganese:	110		117

FD-20-0090-17 NATUREWISE CHICK STARTER GROWER 18% CRUMBLES (BW)

Crude Protein:	18		18.5
Calcium:	0.8	1.3	0.846
Phosphorous:	0.6		0.681
Sodium:	0.15	0.15	0.161
Selenium:	0.3ppm		0.633ppm
Manganese:	110ppm		168ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0039-17 SAFECHOICE MARE & FOAL (BW)

Crude Protein:	16		17.3	
Lysine:	0.9		1.06	
Methionine:	0.35		0.402	
Crude Fat:	7%		8.7%	
Calcium:	0.9	1.7	1.08	
Phosphorous:	0.7		0.906	
Copper:	60ppm		79.7ppm	
Selenium:	0.5ppm		0.728ppm	
Zinc:	180ppm		283ppm	

FD-20-0053-17 SAFECHOICE SENIOR (BW)

Crude Protein:	14		15.5	
Lysine:	0.7		0.922	
Methionine:	0.3		0.299	
Crude Fat:	8%		8.7%	
Calcium:	0.75	0.95	1.02	
Phosphorous:	0.65		0.961	
Copper:	40		54.8	
Selenium:	0.3		0.305	
Zinc:	140		167	
Monensin:			0.51	

FD-20-0054-17 SAFECHOICE SENIOR (BW)

Crude Protein:	14		15.6	
Lysine:	0.7		0.888	
Methionine:	0.3		0.284	
Crude Fat:	8%		8.6%	
Calcium:	0.75	0.95	0.889	
Phosphorous:	0.65		0.878	
Copper:	40		45.3	
Selenium:	0.3		0.572	
Zinc:	140		135	
Monensin:			0.051	

FD-20-0056-17 SAFECHOICE SENIOR (BW)

Crude Protein:	14		15.4	
Lysine:	0.7		0.889	
Methionine:	0.3		0.271	
Crude Fat:	8%		8.4%	
Calcium:	0.75	0.95	1.11	
Phosphorous:	0.65		0.9	
Copper:	40		61.4	
Selenium:	0.3		0.577	
Zinc:	140		178	
Monensin:			21.5	

FD-20-0132-17 SAFECHOICE SENIOR DRY (BW)

Crude Protein:	14		16.1	
Lysine:	70		1.28	
Crude Fat:	8%		9%	
Calcium:	0.75	0.95	1.17	D
Phosphorous:	0.65		0.84	
Copper:	40ppm		53.3ppm	
Selenium:	0.3ppm		0.557ppm	
Zinc:	140ppm		182ppm	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0055-17 SAFECHOICE SENIOR DRY (BW)

Crude Protein:	14			15.9
Lysine:	0.7			0.921
Methionine:	0.3			0.302
Crude Fat:	8%			8.8%
Calcium:	0.75	0.95		1.11
Phosphorous:	0.65			0.891
Copper:	40			60.6
Selenium:	0.3			0.54
Zinc:	140			179
Monensin:				0.137

FD-20-0093-17 SAFECHOICE SENIOR DRY (BW)

Crude Protein:	14			18.9
Lysine:	0.7			1.13
Methionine:	0.3			0.441
Calcium:	0.75	0.95		1.44
Phosphorous:	0.65			1.01
Copper:	40ppm			71.4ppm
Selenium:	0.3			0.748
Zinc:	140			255
Monensin:				0.016

FD-20-0052-17 SAFECHOICE SENIOR DRY (BW)

Crude Protein:	14			16.9
Lysine:	0.7			1
Methionine:	0.3			0.295
Crude Fat:	8%			8.9%
Calcium:	0.75	0.95		1.4
Phosphorous:	0.65			1.04
Copper:	40			56
Selenium:	0.3			0.597
Zinc:	140			198
Monensin:				0.051

FD-20-0092-17 SAFECHOICE SPECIAL CARE (BW)

Crude Protein:	14			16
Lysine:	0.8			1
Crude Fat:	7%			7.6%
Calcium:	0.9	1.2		1.33
Phosphorous:	0.7			0.802
Copper:	50ppm			51.2ppm
Selenium:	0.6ppm			0.802ppm
Zinc:	160ppm			209ppm

FD-20-0133-17 SHOW EDGE GOAT FEED (BW)

Crude Protein:	16			16.9
Crude Fat:	3%			3.8%
Calcium:	0.8	1		1.01
Phosphorous:	0.35			0.547
Sodium:	0.2	0.2		0.42
Salt:	1.8	2.3		2.11
Copper:	20ppm	25ppm		27ppm
Selenium:	0.3ppm			0.541ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0138-17 SHOW EDGE PIG FEED (BW)

Crude Protein:	18		18.7
Lysine:	1		1.7
Crude Fat:	5%		5.4%
Calcium:	0.6	0.9	0.974
Phosphorous:	0.55		0.758
Sodium:	0.2	0.2	0.248
Salt:	0.5	1	0.762
Copper:	250ppm		257ppm
Selenium:	0.3ppm		0.641ppm
Zinc:	145ppm		205ppm

FD-20-0140-17 STOCK AND STABLE 14% MULTI-SPECIES SWEET FEED (BW)

Crude Protein:	14		14.7
Crude Fat:	2.5%		3.8%
Calcium:	1.05	1.55	1.56
Phosphorous:	0.5		0.766
Salt:	0.5	1	0.748
Potassium:	0.75		0.909
Copper:	10ppm	15ppm	7.76ppm
Selenium:	0.7ppm		0.367ppm
Zinc:	40ppm		89ppm

OXBOW ENTERPRISES INC

MURDOCK

FD-20-0147-17 OXBOW GARDEN SELECT HAMSTER & GERBIL FOOD

Crude Protein:	16		16.9
Crude Fat:	2.5%		7.1%
Calcium:	0.8	1.3	0.612
Phosphorous:	0.5		0.467
Moisture	10		6.4

PACIFIC NORTHWEST MILLING

BELLEUE

FD-21-0028-17 ALBERS COUNTRY LAYER PLT/CR

Crude Protein:	15		15.6
Crude Fat:	2.5%		3.1%
Calcium:	3	4	2.57 D
Phosphorous:	0.45		0.518
Sodium:			0.143
Salt:	0.1	0.6	0.46

FD-05-0040-17 ALBER'S HI LAY 16%

Crude Protein:	16		16.6
Lysine:	0.7		0.885
Methionine:	0.25		0.233
Crude Fat:	2.25%		2.8%
Calcium:	3	4	2.86
Phosphorous:	0.45		0.565
Sodium:			0.141
Salt:	0.2	0.7	0.56
Ash	14		12.564

FD-21-0029-17 ALBERS SCRATCH GRAINS

Crude Protein:	8		8.2
Crude Fat:	2%		2.8%
Calcium:	0.01	0.51	0.0144
Phosphorous:	0.29		0.23 D
Sodium:			0.0222

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

PERFORMIX NUTRITION SYSTEM LLC	MOSES LAKE
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FD-20-0165-17	PERFORMIX STANDARD PASTURE SUPPLEMENT
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Crude Protein:	30		27	D
NPN:		23.2	8.1	
Crude Fat:	0.4%		1.9%	
Calcium:		0.39	0.238	
Phosphorous:	1		0.832	D
Sodium:	0.8	0.8	1.06	
Salt:	0.1		4.6	
Magnesium:	0.7		0.771	
Potassium:	2		1.83	
Copper:	300ppm		260ppm	
Selenium:	4.5ppm		4.27ppm	
Zinc:	900ppm		745ppm	
Manganese:	600ppm		522ppm	

PIONEER COMMODITIES LLC	SUNNYSIDE
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FD-20-0160-17	SOY BEST
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Crude Protein:	42		41	
Crude Fat:	5.75%		6.4%	

PMI NUTRITIONAL INC	BRENTWOOD
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FD-20-0130-17	MAZURI RATITE DIET
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Crude Protein:	15		15.6	
Crude Fat:	3%		3.3%	
Calcium:	1.35	1.85	1.53	
Phosphorous:	0.8		0.899	
Sodium:			0.282	
Ash	10		9.2	

POET NUTRITION	SIOUX FALLS
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FD-20-0048-17	POET DDG/S HF
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Crude Protein:	25		28.1	
Crude Fat:	6%		6%	

PRINCE AGRI PRODUCTS INC	QUINCY
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FD-20-0153-17	ANIMATE
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Crude Protein:	32		34.6	
NPN:		25	12.6	
Calcium:	1	1.5	1.07	
Magnesium:	4		4.19	

PURE TREATS INC	SP SAINT-CHARLES, KIR
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FD-20-0097-17	PUREBITES FREEZE DRIED BEEF LIVER DOG TREAT
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Crude Protein:	64		64.8	
Crude Fiber:	5		10.5	

PURINA ANIMAL NUTRITION LLC	ST PAUL
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FD-05-0009-17	4-SQUARE STOCKER/GORWER 14
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Crude Protein:	14		13.9	
Crude Fat:	2%		3.3%	
Calcium:	2	2.5	2.5	
Salt:	1.25	1.75	2.25	D
Potassium:	0.7		0.879	
Selenium:	0.5		0.394	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-05-0072-17 ALLEGRA CADENCE

Crude Protein:	14			14.4
Lysine:	0.7			1.06
Crude Fat:	7%			7.6%
Calcium:	0.8	1.3		0.911
Phosphorous:	0.6			0.679
Sodium:				0.403 D
Copper:	55ppm			60.9ppm
Selenium:	0.9ppm			0.876ppm
Zinc:	150ppm			215ppm

FD-21-0008-17 ANIMAX

Crude Protein:	28			28.5
Lysine:	1.5			1.97
Crude Fat:	2.8%			4.2%
Calcium:	1.25	1.75		1.34
Phosphorous:	0.9			0.932
Salt:	0.5	1		1.97
Potassium:	1.3			1.63
Copper:	25ppm	30ppm		25.4ppm
Selenium:	75ppm			0.868ppm
Zinc:	140ppm			227ppm

FD-20-0199-17 HAWAIIAN GRAIN ISLAND GAMEBIRD MIX

Crude Protein:	15.5			15.2
Lysine:	0.64			0.0971
Crude Fat:	5.4%			6.1%
Calcium:	0.7	1.2		0.651
Phosphorous:	0.45			0.402
Salt:	10	0.6		0.23
Ash	5.5			4.1

FD-20-0086-17 PURINA 4-SQUARE STOCKER/GROWER

Crude Protein:	14			14.8
Crude Fat:	2%			3.4%
Calcium:	2	2.5		2.16
Phosphorous:	0.5			0.489
Salt:	1.25	1.75		1.9
Potassium:	0.7			0.962
Selenium:	0.5ppm			0.507ppm

FD-20-0198-17 PURINA 4-SQUARE STOCKER/GROWER 14

Crude Protein:	14			14.3
Crude Fat:	2%			4%
Calcium:	2	2.5		1.92
Phosphorous:	0.5			0.462
Salt:	1.25	1.75		1.75
Potassium:	0.7			0.929
Selenium:	0.5			0.485

FD-20-0026-17 PURINA 4-SQUARE STOCKER/GROWER 14

Crude Protein:	14			13.9
Crude Fat:	2%			3.6%
Calcium:	2	2.5		1.94
Phosphorous:	0.5			0.452
Salt:	1.25	1.75		1.71
Potassium:	0.7			0.947
Selenium:	0.5			0.422

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0118-17 PURINA ANTLERMAX DEER BLEND 16

Crude Protein:	16			16.7
Crude Fat:	1.8%			2.6%
Calcium:	1	1.5		1.27
Phosphorous:	0.8			0.733
Sodium:				0.895
Salt:	1.25	2.75		2.4
Potassium:	0.5			1.1
Selenium:	0.6ppm		0.963ppm	D
Ash	10			8.6

FD-20-0023-17 PURINA CALF STARTENA 18% DX MEDICATED

Crude Protein:	18			18.1
Crude Fat:	2%			3.7%
Calcium:	0.75	1.25		0.894
Phosphorous:	0.5			0.57
Sodium:	1	1		1.16
Selenium:	0.55			0.571
Decoquinat				0.0032

FD-21-0007-17 PURINA DAIRY SPECIAL B16 COARSE

Crude Protein:	16			16.7
Crude Fat:	2%			3.8%
Calcium:	0.4	0.9		0.575
Selenium:	1ppm		0.924ppm	

FD-21-0004-17 PURINA ENRICH PLUC

Crude Protein:	32			34.3
Lysine:	2.7			3.09
Crude Fat:	5%			5.6%
Calcium:	3.25	4.25		3.42
Phosphorous:	1.6			1.78
Copper:	185ppm			178ppm
Selenium:	2.1ppm			2.21ppm
Zinc:	500ppm			488ppm

FD-05-0018-17 PURINA EQUINE SENIOR

Crude Protein:	14			14.9
Lysine:	0.7			0.83
Methionine:	0.18			0.189
Crude Fat:	5.5%			5.1%
Calcium:	0.5	1		0.632
Phosphorous:	0.4			0.565
Sodium:	0.51	0.51		0.215
Magnesium:	0.33			0.335
Copper:	55ppm			59.3ppm
Selenium:	0.83ppm			0.707ppm
Zinc:	220ppm			250ppm

FD-20-0027-17 PURINA FLOCK RAISER

Crude Protein:	20			20.2
Lysine:	1.1			1.46
Methionine:	0.55			0.476
Crude Fat:	3.5%			3.8%
Calcium:	0.8	1.3		1.05
Phosphorous:	0.8			0.706
Salt:	0.3	0.8		0.52
Selenium:	0.6			0.475

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0235-17 PURINA GAME FISH CHOW

Crude Protein:	32			34.9
Crude Fat:	3%			4.7%
Calcium:	1	1.5		1.47
Phosphorous:	0.8			1.08
Sodium:				0.274

FD-21-0005-17 PURINA GOAT CHOW

Crude Protein:	16			16
Crude Fat:	2.5%			4.9%
Calcium:	0.8	1.3		1.1
Phosphorous:	0.6			0.617
Salt:	0.75	1.25		1
Copper:	38ppm	48ppm		28.6ppm
Selenium:	0.6ppm			0.831ppm

FD-20-0041-17 PURINA GOAT CHOW

Crude Protein:	16			18.2
Crude Fat:	2.5%			4.8%
Calcium:	0.8	1.3		1.31
Phosphorous:	0.06			0.651
Salt:	0.75	1.25		1.17
Selenium:	1			1.25

FD-20-0003-17 PURINA GOAT CHOW

Crude Protein:	16			17.5
Crude Fat:	2.5%			4.5%
Calcium:	0.8	1.3		0.93
Phosphorous:	0.6			0.589
Salt:	0.75	1.25		1
Copper:	38ppm	48ppm		29.2ppm
Selenium:	1ppm			0.518ppm D

FD-20-0006-17 PURINA HONOR SHOW CHOW FINISHING TOUCH FLK NON-MED

Crude Protein:	13			13.8
Crude Fat:	5%			6.9%
Calcium:	0.5	1		0.608
Phosphorous:	0.35			0.412
Salt:	0.15	0.65		91 D
Potassium:	0.6			1.05

FD-20-0025-17 PURINA HONOR SHOW CHOW SHOWLAMB GROWER DX MEDICATED

Crude Protein:	18			19
NPN:		1		0.781
Crude Fat:	3.5%			4.1%
Calcium:	0.65	1.15		0.756
Phosphorous:	0.3			0.485
Salt:	0.5	1		1.5 D
Selenium:	0.5			0.609
Decoquinate	0.0017			0.0012

FD-20-0178-17 PURINA IMPACT PROFESSIONAL SENIOR

Crude Protein:	14			14.2
Lysine:	0.6			0.808
Crude Fat:	5%			8.2%
Calcium:	0.7	1.2		0.767
Phosphorous:	0.45			0.566
Copper:	50ppm			49.9ppm
Selenium:	0.7ppm			0.968ppm
Zinc:	180ppm			204ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-05-0006-17 PURINA LAYENA CRUMBLE

Crude Protein:	16			16.5
Lysine:	0.7			0.797
Methionine:	0.3			0.214
Crude Fat:	2.5%			2.9%
Calcium:	3.25	4.25		2.77 D
Phosphorous:	0.45			0.419
Salt:	0.3	0.8		0.59
Selenium:	0.65			0.505
Manganese:	100			125

FD-20-0129-17 PURINA LAYENA PELLET

Crude Protein:	16			167
Lysine:	0.7			1.21
Methionine:	0.3			0.27
Crude Fat:	2.5%			2.9%
Calcium:	3.25	4.25		3.36
Phosphorous:	0.45			0.499
Salt:	0.3	0.8		0.59
Selenium:	0.65ppm			0.965ppm
Manganese:	100ppm			173ppm

FD-20-0117-17 PURINA LAYENA PLUS OMEGA

Crude Protein:	16			17.2
Lysine:	0.7			0.826
Methionine:	0.3			0.324
Crude Fat:	3.5%			4.9%
Calcium:	3.5	4.5		3.36
Phosphorous:	0.45			0.536
Salt:	0.2	0.7		0.38
Selenium:	0.68ppm			0.548ppm
Manganese:	100ppm			175ppm

FD-20-0237-17 PURINA NATURE'S MATCH SOW & PIG COMPLETE

Crude Protein:	16			16.7
Lysine:	1			1.27
Crude Fat:	2.8%			3.7%
Calcium:	0.5	1		0.767
Phosphorous:	0.65			0.587
Salt:	0.25	0.75		0.81
Selenium:	0.63ppm			0.443ppm
Zinc:	125ppm			137ppm

FD-20-0024-17 PURINA NATURE'S MATCH SOW & PIG COMPLETE

Crude Protein:	18			16.5
Lysine:	1			1.09
Crude Fat:	2.8%			3.5%
Calcium:	0.5	1		0.632
Phosphorous:	0.65			0.665
Salt:	0.25	0.75		0.76
Zinc:	100ppm			129ppm

FD-20-0116-17 PURINA NATURE'S MATCH SOW & PIG COMPLETE

Crude Protein:	16			16.6
Lysine:	1			0.999
Crude Fat:	2.8%			3.9%
Calcium:	0.5	1		0.595
Phosphorous:	0.65			0.66
Salt:	0.25	0.75		0.81
Zinc:	100ppm			136ppm

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-20-0076-17 PURINA NOBLE GOAT GROWER 16 DQ.0015 MEDICATED

Crude Protein:	16			17.7
NPN:	1.5			1.18
Crude Fat:	2%			3.2%
Calcium:	0.75	1.25		1.6 D
Phosphorous:	0.5			0.598
Sodium:				0.26
Salt:	0.5	1		1.58 D
Copper:	22			26.2
Selenium:	0.66			0.672
Decoquinat	0.0015			0.0015

FD-20-0123-17 PURINA NOBLE GOAT GROWER 16 RM20 MEDICATED

Crude Protein:	16			17.4
NPN:		1.5		1.4
Crude Fat:	2%			3%
Calcium:	0.75	1.25		1.37
Phosphorous:	0.5			0.602
Salt:	0.5	1		1.9 D
Copper:	22ppm	27ppm		20.8ppm
Selenium:	0.64ppm			0.855ppm

FD-20-0091-17 PURINA RABBIT CHOW FIBRE3 WHOLESOME ADVANTEDGE

Crude Protein:	15			15.5
Crude Fat:	2%			2.8%
Crude Fiber:	20	25		19.3
Calcium:	0.75	1.25		0.893
Phosphorous:	0.5			0.485
Salt:	0.25	0.75		0.68
Selenium:	0.67ppm			0.562ppm

FD-20-0059-17 PURINA START & GROW

Crude Protein:	18			19.6
Lysine:	0.9			1.13
Methionine:	0.34			0.295
Crude Fat:	3%			3.3%
Calcium:	0.75	1.25		0.818
Phosphorous:	0.55			0.653
Salt:	0.25	0.75		0.53
Selenium:	0.5			0.647
Manganese:	55ppm			92.3ppm

FD-20-0004-17 PURINA START & GROW MP 0.0125%

Crude Protein:	18			18
Lysine:	0.9			1.17
Methionine:	0.34			0.364
Crude Fat:	3%			3.7%
Calcium:	0.75	1.25		0.769
Phosphorous:	0.55			0.611
Salt:	0.25	0.75		0.53
Selenium:	0.5ppm			0.561ppm
Manganese:	55ppm			79.7ppm

FD-20-0022-17 PURINA START & GROW MP 0.0125% MEDICATED

Crude Protein:	18			18.8
Lysine:	0.9			1.13
Methionine:	0.34			0.319
Crude Fat:	3%			3.1%
Calcium:	0.75	1.25		0.845
Phosphorous:	0.55			0.635
Salt:	0.25	0.75		0.56
Magnesium:	55			0.205
Selenium:	0.5			0.503

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found
RALCO NUTRITION INC		MARSHALL		
FD-20-0166-17	6016 RALCO PMX TM 2006.1.3			
Calcium:	7.8	9.3	10.4	D
Copper:	22499ppm		19800ppm	
Selenium:	300ppm		199ppm	D
Zinc:	79997ppm		75800ppm	
Manganese:	53999ppm		47600ppm	
RANCH & HOME KENNEWICK		KENNEWICK		
FD-20-0043-17	RANCH & HOME SWEET COB			
Crude Protein:	8.5		10.6	
Crude Fat:	2.5%		2.7%	
ROYAL CANIN USA INC		ST CHARLES		
FD-20-0149-17	ROYAL CANIN MINI PUPPY PREBIOTICS DIGESTIVE HEALTH			
Crude Protein:	29.5		31.9	
Crude Fat:	18.5%		19.2%	
Moisture	10		5.9	
RPMG INC		SHAKOPEE		
FD-20-0159-17	CORN DISTILLERS DRIED GRAINS W/SOLUBLES			
Crude Protein:	27		32.3	
Crude Fat:	6.5%		7.7%	
Ash	8		4.8	
SCRATCH & PECK LLC		BURLINGTON		
FD-05-0045-17	NATURALLY FREE GROWER			
Crude Protein:	17		15.1	D
Lysine:	0.8		0.95	
Methionine:	0.3		0.29	
Crude Fat:	3%		4.1%	
Ash	8		5.5	
FD-05-0046-17	NATURALLY FREE STARTER			
Crude Protein:	20.5		18.8	D
Lysine:	1		1.24	
Methionine:	0.4		0.412	
Crude Fat:	4%		3.7%	
Calcium:	0.9	1.35	0.745	
Phosphorous:	0.6		0.898	
Salt:	0.25	0.75	0.49	
Ash	8.5		5.4181	
FD-20-0080-17	SOY FREE LAYER			
Crude Protein:	16		16	
Lysine:	0.8		0.861	
Methionine:	0.3		0.293	
Crude Fat:	3.5%		4%	
Calcium:	3.75	4.75	2.37	D
Phosphorous:	0.5		0.552	
Salt:	0.25	0.75	0.37	
Ash	15		8.2	
SOLID GOLD HEALTH PRODUCTS FOR PETS		GREENVILLE		
FD-02-0103-17	INDIGO MOON WITH CHICKEN & EGG CAT & KITTEN			
Crude Protein:	42		46.6	
Crude Fat:	20%		22.4%	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

SOUTH DAKOTA SOYBEAN PROCESSORS INC	VOLGA
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FD-20-0158-17 SOYBEAN MEAL 47%

Crude Protein:	47		47.5
Crude Fat:	0.5%		1.1%

SPOAKNE HUTTERIAN BRETHREN	REARDAN
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FD-20-0188-17 QUALITY GROWER

Crude Protein:	19.1		20
Lysine:	0.75		1.3
Methionine:	0.25		0.338
Crude Fat:	2.7%		2.5%
Calcium:	0.76	0.83	0.609
Phosphorous:	0.65		0.475 D
Salt:	0.18	0.2	0.35 D

FD-20-0189-17 QUALITY LAYER

Crude Protein:	18.5		18.3
Lysine:	0.75		1.13
Methionine:	0.25		0.304
Crude Fat:	2.5%		2.5%
Calcium:	3.16	3.48	3.1
Phosphorous:	0.51		0.42 D
Salt:	0.15	0.17	0.27 D

STANDARD DAIRY CONSULTANTS LLC	SUNNYSIDE
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FD-20-0050-17 DRY COW DCAD MINERAL #3-R

Crude Protein:	33		33.3
Calcium:	19.6	23.5	21.1
Phosphorous:	1.4		1.64
Magnesium:	2.5		3.14
Selenium:	4.6		6.94
Zinc:	1200ppm		1340ppm

FD-20-0051-17 FRIESLANDIA DAIRY LACTATION MINERAL MIX - R/RABON

Crude Protein:	10		11.4
Crude Fat:	0.1%		0.79%
Calcium:	12.2	14.6	13.5
Salt:	9.3	11.1	10.12
Magnesium:	4.7		4.65
Selenium:	8.6		7.17
Zinc:	2100		1960

TASTE OF THE WILD	META
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FD-20-0100-17 TASTE OF THE WILD PACIFIC STREAM CANINE FORMULA WITH SMOKED SAL

Crude Protein:	25		28.7
Crude Fat:	15%		14.5%
Selenium:	0.3mg/kg		0.653mg/kg
Zinc:	150mg/kg		224mg/kg

FD-20-0096-17 TASTE OF THE WILD PINE FOREST CANINE FORMULA WITH VENISON & LEGU

Crude Protein:	28		29.1
Crude Fat:	15%		17.1%
Selenium:	0.35		0.752
Zinc:	150		215

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

TRACTOR SUPPLY COMPANY
BRENTWOOD
FD-20-0106-17 4HEALTH SMALL BITES FORMULA FOR ADULT DOGS

Crude Protein:	28		26.6
Crude Fat:	12%		17.3%
Selenium:	0.35		0.661
Zinc:	150		208

FD-05-0003-17 DUMOR POULTRY LAYER 16% CRUMBLE

Crude Protein:	16		16.2
Lysine:	0.7		0.812
Methionine:	0.35		0.269
Crude Fat:	2.5%		3.2%
Calcium:	3.8	4.8	3.38 D
Phosphorous:	0.45		0.506
Salt:	0.25	0.75	0.39
Selenium:	0.65ppm		0.752ppm
Ash	15		12.2

FD-20-0074-17 DUMOR SENIOR HORSE

Crude Protein:	14		14.3
Lysine:	0.6		0.699
Crude Fat:	4%		5%
Calcium:	0.75	1.25	1.17
Phosphorous:	0.4		0.466
Sodium:			0.246
Copper:	50		53.4
Selenium:	0.65		0.648
Zinc:	60		138
Ash	10		8.4

FD-20-0075-17 DUMORE POULTRY LAYER 18% CRUMBLE

Crude Protein:	16		16.7
Lysine:	0.7		0.802
Methionine:	35		0.272
Crude Fat:	2.5%		3.6%
Calcium:	3.8	4.8	3.54
Phosphorous:	0.45		0.631
Sodium:	0.6	0.6	0.142
Salt:	0.25	0.75	0.43
Selenium:	0.65		0.745

FD-05-0042-17 PRODUCER'S PRIDE SWEET C.O.B.

Crude Protein:	8		11.4
Crude Fat:	2.5%		4.3%
Calcium:	0.01	0.51	1.23 D
Phosphorous:	0.2		0.461
Sodium:	0.51	0.51	0.386

FD-20-0020-17 PRODUCER'S PRIDE TEXTURED 12%

Crude Protein:	12		11.4
Crude Fat:	2%		4%
Calcium:	1	1.5	1.37
Phosphorous:	0.5		0.422 D
Sodium:	0.8	0.8	0.41 D
Salt:	0.6	1.1	1.19
Potassium:	0.7		0.971
Selenium:	0.65		0.503
Zinc:	30		67.2
Ash	12		8.8

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

FD-05-0043-17 PURINA 4-SQUARE STOCKER/GROWER 14

Crude Protein:	14		14.6	
Crude Fat:	2%		3.6%	
Calcium:	2	2.5	1.96	
Phosphorous:	5		0.484	
Salt:	1.25	1.75	2	D
Potassium:	0.7		0.937	
Selenium:	0.5		0.425	

TRIPLE CROWN NUTRITION INC

WAYZATA

FD-20-0082-17 TRIPLE CROWN COMPLETE

Crude Protein:	12		13.7	
Lysine:	0.6		0.764	
Methionine:	0.2		0.178	
Crude Fat:	12%		12.1%	
Calcium:	0.75	1.25	1.19	
Phosphorous:	0.45		0.5	
Magnesium:	0.4		0.46	
Copper:	50		49.2	
Selenium:	0.5ppm		0.893ppm	
Zinc:	160ppm		170ppm	
Manganese:	100ppm		134ppm	
Monensin:			0.0253g/to	

TUFFY'S PET FOODS INC

PERHAM

FD-20-0120-17 NUTRI SOURCE CAT & KITTEN CHICKEN & RICE FORMULA

Crude Protein:	32		33.1	
Crude Fiber:	19		18.8	
Magnesium:	0.08		0.146	
Copper:	22mg/kg		24.8mg/kg	
Zinc:	120mg/kg		148mg/kg	
Manganese:	13mg/kg		30.8mg/kg	

FD-20-0122-17 NUTRI SOURCE PURE VITA DUCK & OATMEAL FORMULA FOR DOGS

Crude Protein:	24		27.6	
Crude Fiber:	13		13.1	
Selenium:	0.11mg/kg		0.516mg/kg	

TYSON FRESH MEATS

DAKOTA CITY

FD-20-0049-17 FLASH DRIED BLOOD MEAL

Crude Protein:	85		87.3	
Crude Fat:	0.5%		0.61%	
Ash	10		2.2	

UNITED PET GROUP INC

CINCINNATI

FD-20-0219-17 NUTRIENT RICH HEDGEHOG DIET

Crude Protein:	30		35	
Crude Fat:	8%		10.8%	
Calcium:	1.25	1.75	0.94	D
Phosphorous:	0.75		0.856	
Moisture	5		4.6	

RESPONSIBLE PARTY		CITY		
SAMPLE ID NO.	PRODUCT NAME			
Nutrient		Min	Max	Found

VITALIX INC
QUINCY
FD-20-0167-17 34 NATURAL 22

Crude Protein:	22		21.9	
Crude Fat:	5%		4.6%	
Calcium:	1	1.5	1.8	D
Phosphorous:	1		0.763	D
Magnesium:	1		0.742	D
Potassium:	1.5		4.93	
Copper:	250ppm		197ppm	
Selenium:	5ppm		4.03ppm	
Zinc:	750ppm		682ppm	
Manganese:	650ppm		537ppm	

VOLKMAN SEED FACTORY
CERES
FD-20-0236-17 JOSE GUERRERO DELUX 15.5 GAMEBIRD MIX

Crude Protein:	15		16.6	
Crude Fat:	4.5%		4.3%	
Ash	4.2		4.405	D

WESTERN STOCKMAN'S
CALDWELL
FD-05-0022-17 STOCKMEN'S CHOICE

Crude Protein:	12		13.7	
Crude Fat:	2.6%		3.1%	
Calcium:	3.6	3.6	3.57	
Phosphorous:	0.7		0.842	
Salt:	1.2	1.3	1.42	
Potassium:	0.7		1.07	
Copper:	6ppm	6ppm	10.1ppm	D
Selenium:	0.3ppm		0.176ppm	D
Zinc:	56ppm		77.9ppm	

WHEATBELT DISTRIBUTING
KANSAS CITY
FD-05-0007-17 SAFECHOICE MARE & FOAL

Crude Protein:	16		17.2	
Lysine:	0.9		1.12	
Crude Fat:	7%		6.8%	
Calcium:	0.9	1.7	1.25	
Phosphorous:	0.7		0.655	
Copper:	60ppm		55.6ppm	
Zinc:	180ppm		183ppm	