

LabDiet®

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2013

LabDiet®

**TECHNICAL
UPDATE**

5002 Certified Rodent Diet
2013 MICROBIOLOGY REPORT

Date Manufactured	Aerobic Plate (cfu/g)	Yeast (cfu/g)	Mold (cfu/g)	Coliforms (MPN/g)	E.coli (MPN/g)	Mesophilic Aerobic Spores (cfu/g)	Mesophilic Anaerobic Spores (MPN/g)	Enterobacteriaceae (cfu/g)
01/07/13	2900	<10	<10	<3	<3	1600	>1100	<10
04/16/13	3100	<10	<10	<3	<3	3500	210	<10
08/01/13	10000	<10	<10	<3	<3	11000	1100	<10
10/1/13	1400	<10	<10	<3	<3	200	1100	<10

* Estimated Count

TAL

5007 Certified Canine Diet
2013 MICROBIOLOGY REPORT

Date Manufactured	Aerobic Plate (cfu/g)	Yeast (cfu/g)	Mold (cfu/g)	Coliforms (MPN/g)	E.coli (MPN/g)	Mesophilic Aerobic Spores (cfu/g)	Mesophilic Anaerobic Spores (MPN/g)	Enterobacteriaceae (cfu/g)
1/22/13	510	10	120	<3	<3	30	<3	<10
4/4/13	<10	<10	10	<3	<3	70	6.1	<10
7/2/13	80*	<10	10	<3	<3	<10	<3	<10
10/8/13	20*	<10	<10	<3	<3	<10	9.2	<10

* Estimated Count

TAL

5026 Certified Guinea Pig Diet
2013 MICROBIOLOGY REPORT

Date Manufactured	Aerobic Plate (cfu/g)	Yeast (cfu/g)	Mold (cfu/g)	Coliforms (MPN/g)	E.coli (MPN/g)	Mesophilic Aerobic Spores (cfu/g)	Mesophilic Anaerobic Spores (MPN/g)	Enterobacteriaceae (cfu/g)
01/08/13	38000	<10	10	3	3	7000	>1100	220
04/22/13	7900	<10	30	<3	<3	15000	>1100	<10
06/12/13	8800	60	<10	<3	<3	4300	>1100	<10
09/03/13	54000	<10	50	3.6	<3	34000	>1100	<10

* Estimated Count

TAL

5048 Certified Primate Diet
2013 MICROBIOLOGY REPORT

Date Manufactured	Aerobic Plate (cfu/g)	Yeast (cfu/g)	Mold (cfu/g)	Coliforms (MPN/g)	E.coli (MPN/g)	Mesophilic Aerobic Spores (cfu/g)	Mesophilic Anaerobic Spores (MPN/g)	Enterobacteriaceae (cfu/g)
01/15/13	270	100	130	<3	<3	<10	3.6	<10
04/25/13	<10	<10	100	<3	<3	20	3.6	<10
07/02/13	<10	10	<10	<3	<3	<10	<3	<10
10/21/13	250	10	10	<3	<3	1200	<3	<10

* Estimated Count

TAL

5322 Certified Rabbit Diet
2013 MICROBIOLOGY REPORT

Date Manufactured	Aerobic Plate (cfu/g)	Yeast (cfu/g)	Mold (cfu/g)	Coliforms (MPN/g)	E.coli (MPN/g)	Mesophilic Aerobic Spores (cfu/g)	Mesophilic Anaerobic Spores (MPN/g)	Enterobacteriaceae (cfu/g)
02/20/13	12000	<10	20	<3	<3	5200	>1100	60
06/10/13	9600	<10	50	<3	<3	3700	460	<10
08/13/13	29000	30	<10	<3	<3	7600	>1100	<10
12/2/13	11000	80	70	<3	<3	440	>1100	140

* Estimated Count

TAL

5325 Certified High Fiber Rabbit Diet
2013 MICROBIOLOGY REPORT

Date Manufactured	Aerobic Plate (cfu/g)	Yeast (cfu/g)	Mold (cfu/g)	Coliforms (MPN/g)	E.coli (MPN/g)	Mesophilic Aerobic Spores (cfu/g)	Mesophilic Anaerobic Spores (MPN/g)	Enterobacteriaceae (cfu/g)
02/20/13	8200	<10	30	<3	<3	4000	>1100	<10
06/10/13	10000	<10	<10	<3	<3	1800	460	<10
08/13/13	1000	10	<10	<3	<3	870	460	<10
12/02/13	2600	<10	10	<3	<3	600	1100	15

* Estimated Count

TAL

SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5002 - CERTIFIED RODENT DIET

Nutrients	Calculated Value	Analyzed Values	Standard Deviation
		-----Average-----	
Moisture, %	10.0	9.48	0.80
Protein, %	20.1	21.4	0.54
Arginine, %	1.13	1.28	0.03
Cystine, %	0.27	0.32	0.01
Glycine, %	0.86	1.02	0.02
Histidine, %	0.49	0.54	0.01
Isoleucine, %	1.03	0.86	0.01
Leucine, %	1.58	1.66	0.02
Lysine, %	1.18	1.15	0.02
Methionine, %	0.43	0.42	0.01
Phenylalanine, %	0.88	1.01	0.01
Tyrosine, %	0.59	0.66	0.02
Threonine, %	0.78	0.84	0.02
Tryptophan, %	0.24	0.22	0.01
Valine, %	1.05	1.05	0.02
Serine, %	1.01	1.02	0.01
Aspartic Acid, %	2.19	2.02	0.04
Glutamic Acid, %	4.20	4.00	0.06
Alanine, %	1.24	1.14	0.03
Proline, %	1.47	1.29	0.03
Fat (ether extract), %	4.5	5.3	1.13
Fat (acid hydrolysis), %	5.1	6.4	0.41
Crude Fiber, %	4.6	4.7	0.32
Minerals			
Ash, %	5.8	5.9	0.19
Calcium, %	0.80	0.88	0.07
Phosphorus, %	0.60	0.64	0.04
Potassium, %	0.86	0.94	0.12
Magnesium, %	0.21	0.21	0.01
Sodium, %	0.30	0.27	0.03
Chlorine, %	0.47	0.56	0.03
Iron, ppm	210	214	18
Zinc, ppm	76	80	8.5
Manganese, ppm	75	70	5.0
Copper, ppm	11	10	1.7
Cobalt, ppm	0.60	<1.00	0.00
Iodine, ppm	0.77	1.44	0.25
Chromium, ppm	2.0	2.5	1.7
Selenium, ppm	0.25	0.35	0.06
Fluorine, ppm	13	12	1.8

SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5002 - CERTIFIED RODENT DIET
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Nutrients	Calculated Value	Analyzed Values	
		-----Average-----	Standard Deviation
Vitamins			
Thiamin Hydrochloride, ppm	16	12	1.6
Riboflavin, ppm	8.0	6.0	0.57
Niacin, ppm	95	105	3.0
Pantothenic Acid, ppm	17	19	1.6
Choline Chloride, ppm	1800	1970	249
Folic Acid, ppm	4.0	3.4	0.44
Pyridoxine, ppm	6.0	8.7	1.33
Biotin, pm	0.13	0.36	0.01
B-12, mcg/kg	20	68	8.9
Vitamin A, IU/g	18	14	3.1
Vitamin D-3, IU/g	2.2	2.8	0.42
Vitamin E, IU/kg	66	70	3.3

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SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5007 - CERTIFIED CANINE DIET

Nutrients	Calculated Value	Analyzed Values	Standard Deviation
		-----Average-----	
Moisture, %	10.0	7.7	0.75
Protein, %	25.5	26.4	0.74
Arginine, %	1.46	1.51	0.04
Cystine, %	0.37	0.37	0.01
Glycine, %	1.85	1.77	0.04
Histidine, %	0.55	0.70	0.02
Isoleucine, %	1.02	0.87	0.02
Leucine, %	2.10	2.41	0.04
Lysine, %	1.10	1.21	0.02
Methionine, %	0.44	0.40	0.01
Phenylalanine, %	1.09	1.27	0.02
Tyrosine, %	0.74	0.80	0.01
Threonine, %	0.90	0.92	0.02
Tryptophan, %	0.25	0.23	0.01
Valine, %	1.15	1.28	0.04
Serine, %	1.23	1.22	0.02
Aspartic Acid, %	2.49	2.20	0.04
Glutamic Acid, %	4.90	4.64	0.08
Alanine, %	1.70	1.75	0.02
Proline, %	2.1	1.86	0.03
Fat (ether extract), %	8.5	6.8	1.6
Fat (acid hydrolysis), %	9.5	10.2	0.9
Crude Fiber, %	2.8	2.7	0.32
Minerals			
Ash, %	7.1	7.3	0.67
Calcium, %	1.65	1.87	0.15
Phosphorus, %	1.00	1.08	0.09
Potassium, %	0.71	0.66	0.13
Magnesium, %	0.16	0.18	0.01
Sodium, %	0.42	0.34	0.06
Chlorine, %	0.43	0.54	0.10
Iron, ppm	370	307	87
Zinc, ppm	140	156	21
Manganese, ppm	55	67	21
Copper, ppm	13	13	3.1
Cobalt, ppm	0.50	<1.00	0.00
Iodine, ppm	1.7	1.6	0.14
Chromium, ppm	2.3	1.7	0.35
Selenium, ppm	0.28	0.40	0.06
Fluorine, ppm	12	14	1.2

SUMMARY OF 2013 NUTRITIONAL ANALYSES**PRODUCT #5007 - CERTIFIED CANINE DIET****Page 2**

Nutrients	Analyzed Values		Standard Deviation
	Calculated Value	-----Average-----	
Vitamins			
Thiamin Hydrochloride, ppm	9.8	10	2.5
Riboflavin, ppm	4.5	3.4	1.5
Niacin, ppm	77	95	13
Pantothenic Acid, ppm	20	29	13
Choline Chloride, ppm	2000	2197	253
Folic Acid, ppm	2.8	4.2	2.8
Pyridoxine, ppm	13	16	1.6
Biotin, pm	0.20	0.24	0.06
B-12, mcg/kg	27	53	5.8
Vitamin A, IU/g	40	25	5.1
Vitamin D-3, IU/g	4.4	3.4	0.96
Vitamin E, IU/kg	44	37	28

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**SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5026 - CERTIFIED GUINEA PIG DIET**

Nutrients	Calculated Value	Analyzed Values	Standard Deviation
		-----Average-----	
Moisture, %	10.0	10.6	0.46
Protein, %	18.5	19.9	0.81
Arginine, %	1.08	1.16	0.05
Cystine, %	0.28	0.30	0.01
Glycine, %	0.89	0.92	0.02
Histidine, %	0.45	0.48	0.02
Isoleucine, %	1.07	0.81	0.04
Leucine, %	1.52	1.44	0.05
Lysine, %	1.00	1.03	0.04
Methionine, %	0.40	0.37	0.00
Phenylalanine, %	0.91	0.96	0.03
Tyrosine, %	0.58	0.60	0.02
Threonine, %	0.73	0.78	0.03
Tryptophan, %	0.25	0.23	0.01
Valine, %	0.97	0.97	0.05
Serine, %	1.01	0.96	0.04
Aspartic Acid, %	2.37	2.16	0.08
Glutamic Acid, %	3.52	3.28	0.15
Alanine, %	1.00	0.95	0.03
Proline, %	1.30	1.11	0.05
Fat (ether extract), %	4.5	4.4	0.33
Fat (acid hydrolysis), %	5.5	5.8	0.35
Crude Fiber, %	12.5	14.0	0.59
Minerals			
Ash, %	8.5	8.0	0.33
Calcium, %	1.10	1.17	0.08
Phosphorus, %	0.60	0.62	0.05
Potassium, %	1.25	1.66	0.34
Magnesium, %	0.35	0.34	0.02
Sodium, %	0.35	0.33	0.02
Chlorine, %	0.60	0.75	0.04
Iron, ppm	340	471	99
Zinc, ppm	70	68	3.7
Manganese, ppm	76	79	5.2
Copper, ppm	12	13	0.79
Cobalt, ppm	3.0	1.55	0.94
Iodine, ppm	1.00	0.00	0.00
Chromium, ppm	1.9	3.0	0.77
Selenium, ppm	0.24	0.34	0.03
Fluorine, ppm	22	21	2.1

SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5026 - CERTIFIED GUINEA PIG DIET
Page 2

Nutrients	Calculated Value	Analyzed Values	
		-----Average-----	Standard Deviation
Vitamins			
Thiamin Hydrochloride, ppm	8.5	7.5	0.67
Riboflavin, ppm	6.0	4.1	0.30
Niacin, ppm	65	74	5.7
Pantothenic Acid, ppm	19	26	1.6
Choline Chloride, ppm	1850	1631	137
Folic Acid, ppm	3.3	4.6	0.76
Pyridoxine, ppm	4.0	7.1	0.54
Biotin, pm	0.30	0.33	0.02
B-12, mcg/kg	13	28	7.4
Vitamin A, IU/g	30	22	3.0
Vitamin D-3, IU/g	3.4	4.1	0.73
Vitamin E, IU/kg	50	55	3.2
Ascorbic Acid, mg/g	1.00	0.66	0.22

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SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5048 - CERTIFIED PRIMATE DIET

Nutrients	Calculated Value	Analyzed Values	Standard Deviation
		-----Average-----	
Moisture, %	10.0	8.2	0.79
Protein, %	25.0	27.0	0.55
Arginine, %	1.35	1.49	0.03
Cystine, %	0.40	0.42	0.01
Glycine, %	1.04	1.05	0.02
Histidine, %	0.60	0.64	0.02
Isoleucine, %	1.30	1.09	0.02
Leucine, %	2.40	2.52	0.09
Lysine, %	1.18	1.14	0.01
Methionine, %	0.48	0.46	0.01
Phenylalanine, %	1.30	1.39	0.04
Tyrosine, %	0.79	0.96	0.04
Threonine, %	0.90	0.99	0.02
Tryptophan, %	0.26	0.26	0.01
Valine, %	1.30	1.28	0.03
Serine, %	1.38	1.31	0.03
Aspartic Acid, %	2.67	2.40	0.06
Glutamic Acid, %	5.68	5.46	0.14
Alanine, %	1.51	1.48	0.06
Proline, %	1.96	1.76	0.08
Fat (ether extract), %	4.7	3.4	0.07
Fat (acid hydrolysis), %	5.6	6.4	0.45
Crude Fiber, %	4.6	4.3	0.28
Minerals			
Ash, %	5.6	6.2	0.30
Calcium, %	1.00	1.16	0.09
Phosphorus, %	0.60	0.73	0.04
Potassium, %	0.90	0.94	0.10
Magnesium, %	0.22	0.20	0.00
Sodium, %	0.25	0.24	0.02
Chlorine, %	0.42	0.41	0.03
Iron, ppm	430	472	35
Zinc, ppm	157	125	11
Manganese, ppm	148	123	15
Copper, ppm	19	19	1.5
Cobalt, ppm	0.76	<1.00	0.00
Iodine, ppm	1.22	2.02	0.22
Chromium, ppm	2.0	1.9	0.37
Selenium, ppm	0.21	0.38	0.08
Fluorine, ppm	15	17	0.97

SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5048 - CERTIFIED PRIMATE DIET
Page 2

Nutrients	Calculated Value	Analyzed Values	
		-----Average-----	Standard Deviation
Vitamins			
Thiamin Hydrochloride, ppm	16	15	2.4
Riboflavin, ppm	8.5	7.6	1.5
Niacin, ppm	103	120	3.6
Pantothenic Acid, ppm	50	61	3.0
Choline Chloride, ppm	1800	1990	177
Folic Acid, ppm	10	13	3.6
Pyridoxine, ppm	12	16	1.2
Biotin, pm	0.17	0.24	0.02
B-12, mcg/kg	46	69	15
Vitamin A, IU/g	35	30	5.1
Vitamin D-3, IU/g	6.6	5.9	1.2
Vitamin E, IU/kg	55	100	8.4
Ascorbic Acid, mg/g	0.75	0.83	0.10

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SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5322 - CERTIFIED RABBIT DIET

Nutrients	Calculated Value	Analyzed Values	Standard Deviation
		-----Average-----	
Moisture, %	10.0	10.7	0.47
Protein, %	16.2	16.9	0.53
Arginine, %	0.84	0.93	0.07
Cystine, %	0.25	0.26	0.01
Glycine, %	0.72	0.80	0.04
Histidine, %	0.40	0.40	0.02
Isoleucine, %	0.87	0.66	0.04
Leucine, %	1.30	1.27	0.07
Lysine, %	0.78	0.83	0.06
Methionine, %	0.35	0.32	0.01
Phenylalanine, %	0.80	0.81	0.05
Tyrosine, %	0.50	0.49	0.03
Threonine, %	0.60	0.65	0.04
Tryptophan, %	0.20	0.20	0.00
Valine, %	0.80	0.82	0.04
Serine, %	0.86	0.81	0.05
Aspartic Acid, %	2.03	1.78	0.10
Glutamic Acid, %	3.00	2.70	0.18
Alanine, %	0.90	0.85	0.04
Proline, %	1.18	0.99	0.05
Fat (ether extract), %	3.0	3.2	0.51
Fat (acid hydrolysis), %	3.9	4.3	0.37
Crude Fiber, %	14.8	15.0	0.51
Minerals			
Ash, %	7.3	6.8	0.15
Calcium, %	0.95	1.01	0.07
Phosphorus, %	0.50	0.55	0.06
Potassium, %	1.15	1.48	0.18
Magnesium, %	0.25	0.25	0.01
Sodium, %	0.30	0.27	0.02
Chlorine, %	0.67	0.71	0.07
Iron, ppm	350	413	32
Zinc, ppm	106	103	19
Manganese, ppm	107	100	5.7
Copper, ppm	17	16	1.1
Cobalt, ppm	0.50	<1.00	0.00
Iodine, ppm	1.10	1.25	0.12
Chromium, ppm	1.50	2.74	0.20
Selenium, ppm	0.24	0.34	0.03
Fluorine, ppm	15	18	1.9

SUMMARY OF 2013 NUTRITIONAL ANALYSES**PRODUCT #5322 - CERTIFIED RABBIT DIET****Page 2**

Nutrients	Calculated Value	Analyzed Values	
		-----Average-----	Standard Deviation
Vitamins			
Thiamin Hydrochloride, ppm	3.5	4.2	1.9
Riboflavin, ppm	5.0	3.2	0.32
Niacin, ppm	48	59	7.1
Pantothenic Acid, ppm	19	23	1.0
Choline Chloride, ppm	1600	1557	234
Folic Acid, ppm	8.4	7.1	1.8
Pyridoxine, ppm	4.5	8.4	0.81
Biotin, pm	0.20	0.30	0.02
B-12, mcg/kg	6.6	22	5.6
Vitamin A, IU/g	20	19	4.5
Vitamin D-3, IU/g	1.1	1.6	0.38
Vitamin E, IU/kg	44	45	3.3

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SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5325 - CERTIFIED HIGH FIBER RABBIT DIET

Nutrients	Calculated Value	Analyzed Values	Standard Deviation
		-----Average-----	
Moisture, %	10.0	9.3	0.62
Protein, %	14.5	15.1	0.58
Arginine, %	0.68	0.67	0.05
Cystine, %	0.20	0.20	0.01
Glycine, %	0.70	0.75	0.02
Histidine, %	0.32	0.32	0.01
Isoleucine, %	0.79	0.54	0.02
Leucine, %	1.06	0.99	0.05
Lysine, %	0.66	0.64	0.04
Methionine, %	0.30	0.29	0.00
Phenylalanine, %	0.65	0.65	0.03
Tyrosine, %	0.42	0.41	0.03
Threonine, %	0.56	0.56	0.02
Tryptophan, %	0.19	0.18	0.01
Valine, %	0.68	0.71	0.04
Serine, %	0.71	0.66	0.03
Aspartic Acid, %	1.86	1.56	0.08
Glutamic Acid, %	2.36	1.82	0.13
Alanine, %	0.75	0.73	0.02
Proline, %	1.09	0.83	0.05
Fat (ether extract), %	2.0	3.0	1.3
Fat (acid hydrolysis), %	2.7	4.2	0.44
Crude Fiber, %	21.1	20.9	0.91
Minerals			
Ash, %	8.9	8.1	0.48
Calcium, %	1.25	1.29	0.09
Phosphorus, %	0.50	0.56	0.04
Potassium, %	1.67	1.56	0.14
Magnesium, %	0.30	0.31	0.02
Sodium, %	0.25	0.23	0.03
Chlorine, %	0.70	0.77	0.08
Iron, ppm	430	546	75
Zinc, ppm	113	103	18
Manganese, ppm	128	123	16
Copper, ppm	17	17	2.7
Cobalt, ppm	0.46	<1.00	0.00
Iodine, ppm	1.18	1.27	0.81
Chromium, ppm	4.3	3.5	1.0
Selenium, ppm	0.26	0.39	0.05
Fluorine, ppm	21	20	3.1

SUMMARY OF 2013 NUTRITIONAL ANALYSES
PRODUCT #5325 - CERTIFIED HIGH FIBER RABBIT DIET
Page 2

Nutrients	Calculated Value	Analyzed Values	
		-----Average-----	Standard Deviation
Vitamins			
Thiamin Hydrochloride, ppm	4.1	3.0	0.90
Riboflavin, ppm	8.6	4.4	0.69
Niacin, ppm	51	72	8.8
Pantothenic Acid, ppm	19	27	2.1
Choline Chloride, ppm	1600	1454	127
Folic Acid, ppm	7.0	7.6	1.1
Pyridoxine, ppm	4.5	9.2	1.3
Biotin, pm	0.30	0.34	0.02
B-12, mcg/kg	6.6	27	7.9
Vitamin A, IU/g	20	20	1.2
Vitamin D-3, IU/g	1.1	1.8	0.56
Vitamin E, IU/kg	38	58	6.2

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2013 ANALYSES OF CERTIFIED LAB DIET® PRODUCTS
Product Name and No. 5002 Certified Rodent Diet

Analysis	Maximum Concentration Allowed	Mean	Standard Deviation	% > Level of Detection
Heavy Metals				
Arsenic, ppm	1.0	0.02	0.10	4
Cadmium, ppm ¹	0.5	0.06	0.02	95
Lead, ppm	1.5	0.21	0.03	100
Mercury ¹	0.2	0.00	0.00	0
Selenium, ppm	0.5	0.35	0.06	100
Aflatoxin, ppb	5	0.0	5.0	0
Chlorinated Hydrocarbons				
Aldrin, ppm	0.03	0.0	0.0	0
BHC (Alpha), ppm	0.05	0.0	0.0	0
BHC (Beta), ppm	0.05	0.0	0.0	0
BHC (Delta), ppm	0.05	0.0	0.0	0
Chlordane, ppm	0.05	0.0	0.0	0
DDE, ppm	0.05	0.0	0.0	0
DDT Related Substances, ppm	0.15	0.0	0.0	0
Dieldrin, ppm	0.03	0.0	0.0	0
Endrin, ppm	0.03	0.0	0.0	0
HCB, ppm	0.05	0.0	0.0	0
Heptachlor, ppm	0.03	0.0	0.0	0
Heptachlor Epoxide, ppm	0.03	0.0	0.0	0
Lindane, ppm	0.05	0.0	0.0	0
Methoxychlor, ppm	0.50	0.0	0.0	0
Mirex, ppm	0.02	0.0	0.0	0
Thiodan, ppm	0.50	0.0	0.0	0
PCB, ppm	0.15	0.0	0.0	0
Organophosphates				
Diazinon, ppm	0.5	0.0	0.02	2
Disulfoton, ppm	0.5	0.0	0.0	0
Ethion, ppm	0.5	0.0	0.0	0
Malathion, ppm	0.5	0.04	0.07	25
Methyl Parathion, ppm	0.5	0.0	0.0	0
Parathion (Ethyl), ppm	0.5	0.0	0.0	0
Thimet, ppm	0.5	0.0	0.0	0
Trithion, ppm	0.5	0.0	0.0	0
				TAL

2013 ANALYSES OF CERTIFIED LAB DIET® PRODUCTS
Product Name and No. 5007 Certified Canine Diet

Analysis	Maximum Concentration Allowed	Mean	Standard Deviation	% > Level of Detection
Heavy Metals				
Arsenic, ppm	1.0	0.00	0.00	0
Cadmium, ppm ¹	0.5	0.01	0.02	21
Lead, ppm	1.5	0.30	0.04	100
Mercury ¹	0.2	0.00	0.00	0
Selenium, ppm	0.5	0.40	0.06	100
Aflatoxin, ppb	5.0	0.0	5.0	0
Chlorinated Hydrocarbons				
Aldrin, ppm	0.03	0.0	0.0	0
BHC (Alpha), ppm	0.05	0.0	0.0	0
BHC (Beta), ppm	0.05	0.0	0.0	0
BHC (Delta), ppm	0.05	0.0	0.0	0
Chlordane, ppm	0.05	0.0	0.0	0
DDE, ppm	0.05	0.0	0.0	0
DDT Related Substances, ppm	0.15	0.0	0.0	0
Dieldrin, ppm	0.03	0.0	0.0	0
Endrin, ppm	0.03	0.0	0.0	0
HCB, ppm	0.05	0.0	0.0	0
Heptachlor, ppm	0.03	0.0	0.0	0
Heptachlor Epoxide, ppm	0.03	0.0	0.0	0
Lindane, ppm	0.05	0.0	0.0	0
Methoxychlor, ppm	0.50	0.0	0.0	0
Mirex, ppm	0.02	0.0	0.0	0
Thiodan, ppm	0.50	0.0	0.0	0
PCB, ppm	0.15	0.0	0.0	0
Organophosphates				
Diazinon, ppm	0.5	0.0	0.0	0
Disulfoton, ppm	0.5	0.0	0.0	0
Ethion, ppm	0.5	0.0	0.0	0
Malathion, ppm	0.5	0.02	0.07	25
Methyl Parathion, ppm	0.5	0.0	0.0	0
Parathion (Ethyl), ppm	0.5	0.0	0.0	0
Thimet, ppm	0.5	0.0	0.0	0
Trithion, ppm	0.5	0.0	0.0	0
				TAL

2013 ANALYSES OF CERTIFIED LAB DIET® PRODUCTS
Product Name and No. 5026 Certified Guinea Pig Diet

Analysis	Maximum Concentration Allowed	Mean	Standard Deviation	% > Level of Detection
Heavy Metals				
Arsenic, ppm	1.0	0.29	0.04	100
Cadmium, ppm ¹	0.5	0.11	0.02	100
Lead, ppm	1.5	0.31	0.05	100
Mercury ¹	0.2	0.00	0.00	0
Selenium, ppm	0.5	0.34	0.03	100
Aflatoxin, ppb	5.0	0.0	5.0	0
Chlorinated Hydrocarbons				
Aldrin, ppm	0.03	0.0	0.0	0
BHC (Alpha), ppm	0.05	0.0	0.0	0
BHC (Beta), ppm	0.05	0.0	0.0	0
BHC (Delta), ppm	0.05	0.0	0.0	0
Chlordane, ppm	0.05	0.0	0.0	0
DDE, ppm	0.05	0.0	0.0	0
DDT Related Substances, ppm	0.15	0.0	0.0	0
Dieldrin, ppm	0.03	0.0	0.0	0
Endrin, ppm	0.03	0.0	0.0	0
HCB, ppm	0.05	0.0	0.0	0
Heptachlor, ppm	0.03	0.0	0.0	0
Heptachlor Epoxide, ppm	0.03	0.0	0.0	0
Lindane, ppm	0.05	0.0	0.0	0
Methoxychlor, ppm	0.50	0.0	0.0	0
Mirex, ppm	0.02	0.0	0.0	0
Thiodan, ppm	0.50	0.0	0.0	0
PCB, ppm	0.15	0.0	0.0	0
Organophosphates				
Diazinon, ppm	0.5	0.0	0.0	0
Disulfoton, ppm	0.5	0.0	0.0	0
Ethion, ppm	0.5	0.0	0.0	0
Malathion, ppm	0.5	0.02	0.02	64
Methyl Parathion, ppm	0.5	0.0	0.0	0
Parathion (Ethyl), ppm	0.5	0.0	0.0	0
Thimet, ppm	0.5	0.0	0.0	0
Trithion, ppm	0.5	0.0	0.0	0
				TAL

2013 ANALYSES OF CERTIFIED LAB DIET® PRODUCTS
Product Name and No. 5048 Certified Primate Diet

Analysis	Maximum Concentration Allowed	Mean	Standard Deviation	% > Level of Detection
Heavy Metals				
Arsenic, ppm	1.0	0.01	0.04	4
Cadmium, ppm ¹	0.5	0.09	0.01	100
Lead, ppm	1.5	0.24	0.03	100
Mercury ¹	0.2	0.00	0.00	0
Selenium, ppm	0.5	0.38	0.08	100
Aflatoxin, ppb	5.0	0.0	5.0	0
Chlorinated Hydrocarbons				
Aldrin, ppm	0.03	0.0	0.0	0
BHC (Alpha), ppm	0.05	0.0	0.0	0
BHC (Beta), ppm	0.05	0.0	0.0	0
BHC (Delta), ppm	0.05	0.0	0.0	0
Chlordane, ppm	0.05	0.0	0.0	0
DDE, ppm	0.05	0.0	0.0	0
DDT Related Substances, ppm	0.15	0.0	0.0	0
Dieldrin, ppm	0.03	0.0	0.0	0
Endrin, ppm	0.03	0.0	0.0	0
HCB, ppm	0.05	0.0	0.0	0
Heptachlor, ppm	0.03	0.0	0.0	0
Heptachlor Epoxide, ppm	0.03	0.0	0.0	0
Lindane, ppm	0.05	0.0	0.0	0
Methoxychlor, ppm	0.50	0.0	0.0	0
Mirex, ppm	0.02	0.0	0.0	0
Thiodan, ppm	0.50	0.0	0.0	0
PCB, ppm	0.15	0.0	0.0	0
Organophosphates				
Diazinon, ppm	0.5	0.0	0.0	0
Disulfoton, ppm	0.5	0.0	0.0	0
Ethion, ppm	0.5	0.0	0.0	0
Malathion, ppm	0.5	0.03	0.08	29
Methyl Parathion, ppm	0.5	0.0	0.0	0
Parathion (Ethyl), ppm	0.5	0.0	0.0	0
Thimet, ppm	0.5	0.0	0.0	0
Trithion, ppm	0.5	0.0	0.0	0
				TAL

2013 ANALYSES OF CERTIFIED LAB DIET® PRODUCTS
Product Name and No. 5322 Certified Rabbit Diet

Analysis	Maximum Concentration Allowed	Mean	Standard Deviation	% > Level of Detection
Heavy Metals				
Arsenic, ppm	1.0	0.22	0.13	79
Cadmium, ppm ¹	0.5	0.11	0.01	100
Lead, ppm	1.5	0.29	0.04	100
Mercury ¹	0.2	0.00	0.00	0
Selenium, ppm	0.5	0.34	0.03	100
Aflatoxin, ppb	5.0	0.0	5.0	0
Chlorinated Hydrocarbons				
Aldrin, ppm	0.03	0.0	0.0	0
BHC (Alpha), ppm	0.05	0.0	0.0	0
BHC (Beta), ppm	0.05	0.0	0.0	0
BHC (Delta), ppm	0.05	0.0	0.0	0
Chlordane, ppm	0.05	0.0	0.0	0
DDE, ppm	0.05	0.0	0.0	0
DDT Related Substances, ppm	0.15	0.0	0.0	0
Dieldrin, ppm	0.03	0.0	0.0	0
Endrin, ppm	0.03	0.0	0.0	0
HCB, ppm	0.05	0.0	0.0	0
Heptachlor, ppm	0.03	0.0	0.0	0
Heptachlor Epoxide, ppm	0.03	0.0	0.0	0
Lindane, ppm	0.05	0.0	0.0	0
Methoxychlor, ppm	0.50	0.0	0.0	0
Mirex, ppm	0.02	0.0	0.0	0
Thiodan, ppm	0.50	0.0	0.0	0
PCB, ppm	0.15	0.0	0.0	0
Organophosphates				
Diazinon, ppm	0.5	0.0	0.0	0
Disulfoton, ppm	0.5	0.0	0.0	0
Ethion, ppm	0.5	0.0	0.0	0
Malathion, ppm	0.5	0.04	0.09	53
Methyl Parathion, ppm	0.5	0.0	0.0	0
Parathion (Ethyl), ppm	0.5	0.0	0.0	0
Thimet, ppm	0.5	0.0	0.0	0
Trithion, ppm	0.5	0.0	0.0	0
				TAL

2013 ANALYSES OF CERTIFIED LAB DIET® PRODUCTS
Product Name and No. 5325 Certified High Fiber Rabbit Diet

Analysis	Maximum Concentration Allowed	Mean	Standard Deviation	% > Level of Detection
Heavy Metals				
Arsenic, ppm	1.0	0.33	0.12	95
Cadmium, ppm ¹	0.5	0.15	0.02	100
Lead, ppm	1.5	0.33	0.05	100
Mercury ¹	0.2	0.00	0.00	0
Selenium, ppm	0.5	0.39	0.05	100
Aflatoxin, ppb	5.0	0.0	5.0	0
Chlorinated Hydrocarbons				
Aldrin, ppm	0.03	0.0	0.0	0
BHC (Alpha), ppm	0.05	0.0	0.0	0
BHC (Beta), ppm	0.05	0.0	0.0	0
BHC (Delta), ppm	0.05	0.0	0.0	0
Chlordane, ppm	0.05	0.0	0.0	0
DDE, ppm	0.05	0.0	0.0	0
DDT Related Substances, ppm	0.15	0.0	0.0	0
Dieldrin, ppm	0.03	0.0	0.0	0
Endrin, ppm	0.03	0.0	0.0	0
HCB, ppm	0.05	0.0	0.0	0
Heptachlor, ppm	0.03	0.0	0.0	0
Heptachlor Epoxide, ppm	0.03	0.0	0.0	0
Lindane, ppm	0.05	0.0	0.0	0
Methoxychlor, ppm	0.50	0.0	0.0	0
Mirex, ppm	0.02	0.0	0.0	0
Thiodan, ppm	0.50	0.0	0.0	0
PCB, ppm	0.15	0.0	0.0	0
Organophosphates				
Diazinon, ppm	0.5	0.01	0.02	5
Disulfoton, ppm	0.5	0.0	0.0	0
Ethion, ppm	0.5	0.0	0.0	0
Malathion, ppm	0.5	0.02	0.02	71
Methyl Parathion, ppm	0.5	0.0	0.0	0
Parathion (Ethyl), ppm	0.5	0.0	0.0	0
Thimet, ppm	0.5	0.0	0.0	0
Trithion, ppm	0.5	0.0	0.0	0
				TAL