

Supplemental Table 1

Normal Diet - 10% Fat & 18% Protein

**NUTRITIONAL PROFILE** <sup>1</sup>

<b>Protein, %</b>	<b>18.0</b>	<b>Minerals</b>	
Arginine, %	0.69	Calcium, %	0.52
Histidine, %	0.50	Phosphorus, %	0.56
Isoleucine, %	0.94	Phosphorus (available), %	0.56
Leucine, %	1.69	Potassium, %	0.36
Lysine, %	1.42	Magnesium, %	0.05
Methionine, %	1.00	Sodium, %	0.12
Cystine, %	0.07	Chloride, %	0.21
Phenylalanine, %	0.94	Fluorine, ppm	0.0
Tyrosine, %	0.99	Iron, ppm	35
Threonine, %	0.76	Zinc, ppm	35
Tryptophan, %	0.22	Manganese, ppm	59
Valine, %	1.12	Copper, ppm	6.0
Alanine, %	0.54	Cobalt, ppm	0.0
Aspartic Acid, %	1.26	Iodine, ppm	0.21
Glutamic Acid, %	4.00	Chromium, ppm	2.0
Glycine, %	0.38	Molybdenum, ppm	0.00
Proline, %	2.31	Selenium, ppm	0.11
Serine, %	1.08		
Taurine, %	0.00	<b>Vitamins</b>	
<b>Fat, %</b>	<b>10.1</b>	Vitamin A, IU/g	4.0
Cholesterol, ppm	0	Vitamin D-3 (added), IU/g	1.0
Linoleic Acid, %	5.72	Vitamin E, IU/kg	50.0
Linolenic Acid, %	0.09	Vitamin K (as menadione), ppm	0.50
Arachidonic Acid, %	0.00	Thiamin Hydrochloride, ppm	6.1
Omega-3 Fatty Acids, %	0.09	Riboflavin, ppm	6.7
Total Saturated Fatty A	1.27	Niacin, ppm	30
Total Monounsaturated		Pantothenic Acid, ppm	16
Fatty Acids, %	2.42	Folic Acid, ppm	2.1
Polyunsaturated Fatty Acids, %	5.81	Pyridoxine, ppm	5.8
		Biotin, ppm	0.2
<b>Fiber (max), %</b>	<b>3.8</b>	Vitamin B-12, mcg/kg	14
		Choline Chloride, ppm	1,000
<b>Carbohydrates, %</b>	<b>62.8</b>	Ascorbic Acid, ppm	0.0
<b>Energy (kcal/g)</b> <sup>2</sup>	<b>4.11</b>		
<b>From:</b>	<b>kcal</b>	<b>%</b>	
Protein	0.720	17.4	
Fat (ether extract)	0.907	21.9	
Carbohydrates	2.513	60.7	

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analysis will differ accordingly. Nutrients expressed as percent of ration on an As-Fed basis except where otherwise indicated.

2. Energy (kcal/gm) - Sum of decimal fractions of protein, fat and carbohydrate x 4,9,4 kcal/gm respectively.

Supplemental Table 2

Modest Protein Restriction Diet - 10% Fat & 9% Protein

**NUTRITIONAL PROFILE** <sup>1</sup>

<b>Protein, %</b>	<b>9.0</b>	<b>Minerals</b>	
Arginine, %	0.33	Calcium, %	0.52
Histidine, %	0.24	Phosphorus, %	0.48
Isoleucine, %	0.45	Phosphorus (available), %	0.47
Leucine, %	0.80	Potassium, %	0.36
Lysine, %	0.68	Magnesium, %	0.05
Methionine, %	0.74	Sodium, %	0.13
Cystine, %	0.03	Chloride, %	0.21
Phenylalanine, %	0.45	Fluorine, ppm	0.0
Tyrosine, %	0.47	Iron, ppm	35
Threonine, %	0.36	Zinc, ppm	32
Tryptophan, %	0.10	Manganese, ppm	59
Valine, %	0.53	Copper, ppm	6.0
Alanine, %	0.26	Cobalt, ppm	0.0
Aspartic Acid, %	0.60	Iodine, ppm	0.21
Glutamic Acid, %	1.90	Chromium, ppm	2.0
Glycine, %	0.18	Molybdenum, ppm	0.00
Proline, %	1.10	Selenium, ppm	0.11
Serine, %	0.51		
Taurine, %	0.00	<b>Vitamins</b>	
<b>Fat, %</b>	<b>10.1</b>	Vitamin A, IU/g	4.0
Cholesterol, ppm	0	Vitamin D-3 (added), IU/g	1.0
Linoleic Acid, %	5.72	Vitamin E, IU/kg	50.0
Linolenic Acid, %	0.09	Vitamin K (as menadione), ppm	0.50
Arachidonic Acid, %	0.00	Thiamin Hydrochloride, ppm	6.0
Omega-3 Fatty Acids, %	0.09	Riboflavin, ppm	6.3
Total Saturated Fatty A	1.27	Niacin, ppm	30
Total Monounsaturated		Pantothenic Acid, ppm	15
Fatty Acids, %	2.42	Folic Acid, ppm	2.1
Polyunsaturated Fatty Acids, %	5.81	Pyridoxine, ppm	5.8
		Biotin, ppm	0.2
<b>Fiber (max), %</b>	<b>5.0</b>	Vitamin B-12, mcg/kg	12
		Choline Chloride, ppm	1,000
<b>Carbohydrates, %</b>	<b>71.9</b>	Ascorbic Acid, ppm	0.0
<b>Energy (kcal/g)</b> <sup>2</sup>	<b>4.12</b>		
<b>From:</b>	<b>kcal</b>	<b>%</b>	
Protein	0.360	8.7	
Fat (ether extract)	0.909	21.9	
Carbohydrates	2.876	69.4	

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analysis will differ accordingly. Nutrients expressed as percent of ration on an As-Fed basis except where otherwise indicated.

2. Energy (kcal/gm) - Sum of decimal fractions of protein, fat and carbohydrate x 4,9,4 kcal/gm respectively.