

# Advanced Protocol® Callitrichid Diet

# 5LK6\*

## DESCRIPTION

Advanced Protocol® Callitrichid Diet is a palatable diet designed to support a variety of feeding regimes for marmosets and tamarins. This diet is formulated using the unique and innovative concept of Constant Nutrition®, paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

### Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- Available as a convenient powder which mixes with hot water to form a palatable soft moist product
- Stabilized vitamin C provides a longer shelf life
- Contains natural vitamin E
- Highly palatable, readily consumed

### Product Forms Available

- Powder

## GUARANTEED ANALYSIS

Crude protein not less than	21.0%
Crude fat not less than	7.0%
Crude fiber not more than	2.5%

## INGREDIENTS

Glucose, dehulled soybean meal, ground corn, casein, wheat middlings, gelatin, soybean oil, dried egg product, fructose, ground wheat, wheat germ, corn gluten meal, dried whey, calcium carbonate, dried beet pulp, corn oil, brewers dried yeast, sodium hexametaphosphate, wheat bran, dehydrated alfalfa meal, citric acid, dicalcium phosphate, monocalcium phosphate, berry flavoring, flaxseed oil, xanthan gum, potassium carbonate, salt, L-ascorbyl-2-polyphosphate (vitamin C), DL-methionine, pyridoxine hydrochloride, folic acid, magnesium oxide, choline bitartrate, cholecalciferol (vitamin D<sub>3</sub>), cobalt polysaccharide complex, copper polysaccharide complex, manganese polysaccharide complex, ethylenediamine dihydriodide, menadione dimethylpyrimidinol bisulfite (vitamin K), orange flavoring, taurine, L-tryptophan, choline chloride, biotin, calcium pantothenate, iron polysaccharide complex, d-alpha tocopheryl acetate (natural source vitamin E), vitamin A acetate, thiamin mononitrate, tocopherols, riboflavin, nicotinic acid, vitamin B<sub>12</sub> supplement, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

## FEEDING DIRECTIONS

Feed intake will vary based on age, body size and reproductive status. A targeted level would be 2.5%–3.0% powder per Kg of animal body weight per day (never feed dry powder without combining with water; see Mixing Directions below). Advanced Protocol® Callitrichid Diet can be fed in combination with fruit, vegetables, browse or other food items.

Advanced Protocol® Callitrichid Diet has a 6 month shelf life in the dry powder form when stored in a dry environment. A cool and dry environment is ideal. The mixed product should be stored under refrigeration for no longer than 24 hours. The mixed product can be frozen for an extended period of time.

### Mixing Directions

1. Mix, by weight, 60% water to 40% Advanced Protocol® Callitrichid Diet 5LK6. Mix thoroughly with a spoon, fork or whisk for one minute.
2. Pour into a shallow pan and allow to cool. Refrigerate until firm. This should have the consistency of a firm cheesecake.
3. Cut into pieces appropriately sized for the animals being fed.
4. To obtain a drier, firmer mix, combine at a rate of 50% water to 50% Advanced Protocol® Callitrichid Diet 5LK6.

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## CHEMICAL COMPOSITION<sup>1</sup>

Nutrients <sup>2</sup>	Dry	Recon-		
	Powder stituted <sup>6</sup>			
<b>Protein, %</b> . . . . .	<b>21.3</b>	<b>8.5</b>	Sulfur, % . . . . .	0.15 0.06
Arginine, % . . . . .	1.20	0.48	Sodium, % . . . . .	0.30 0.12
Cystine, % . . . . .	0.19	0.08	Chlorine, % . . . . .	0.29 0.11
Glycine, % . . . . .	1.63	0.65	Fluorine, ppm . . . . .	1.9 0.7
Histidine, % . . . . .	0.47	0.19	Iron, ppm . . . . .	150 60
Isoleucine, % . . . . .	1.07	0.43	Zinc, ppm . . . . .	150 60
Leucine, % . . . . .	1.79	0.72	Manganese, ppm . . . . .	120 48
Lysine, % . . . . .	1.30	0.52	Copper, ppm . . . . .	25 10
Methionine, % . . . . .	0.57	0.23	Cobalt, ppm . . . . .	0.64 0.26
Phenylalanine, % . . . . .	0.93	0.37	Iodine, ppm . . . . .	2.17 0.86
Tyrosine, % . . . . .	0.71	0.28	Chromium, ppm . . . . .	0.25 0.10
Threonine, % . . . . .	0.82	0.33	Selenium, ppm . . . . .	0.35 0.14
Tryptophan, % . . . . .	0.26	0.10	<b>Vitamins</b>	
Valine, % . . . . .	1.24	0.50	Carotene, ppm . . . . .	0.86 0.30
Serine, % . . . . .	1.04	0.42	Vitamin K	
Aspartic Acid, % . . . . .	1.51	0.60	(as menadione), ppm . . . . .	2.7 1.1
Glutamic Acid, % . . . . .	3.54	1.42	Thiamin	
Alanine, % . . . . .	0.82	0.33	Hydrochloride, ppm . . . . .	17 6.8
Proline, % . . . . .	1.36	0.54	Riboflavin, ppm . . . . .	16 6.4
Taurine, % . . . . .	0.07	0.03	Niacin, ppm . . . . .	91 36
<b>Fat (ether extract), %</b> . . . . .	<b>7.8</b>	<b>3.1</b>	Pantothenic Acid, ppm . . . . .	57 23
<b>Fat</b>			Choline Chloride, ppm	1400 560
(acid hydrolysis), % . . . . .	7.7	3.1	Folic Acid, ppm . . . . .	28 11
Cholesterol, ppm . . . . .	550	220	Pyridoxine, ppm . . . . .	16 6.4
Linoleic Acid, % . . . . .	2.61	1.05	Biotin, ppm . . . . .	0.40 0.16
Linolenic Acid, % . . . . .	0.49	0.20	B <sub>12</sub> , mcg/kg . . . . .	77 31
Arachidonic Acid, % . . . . .	0.02	0.01	Vitamin A, IU/gm . . . . .	19 7.0
Omega-3 Fatty Acids, % . . . . .	0.50	0.20	Vitamin D <sub>3</sub>	
Total Saturated			(added), IU/gm . . . . .	7.0 2.8
Fatty Acids, % . . . . .	1.92	0.77	Vitamin E, IU/kg . . . . .	290 120
Total Monounsaturated			Ascorbic Acid, mg/gm . . . . .	0.68 0.27
Fatty Acids, % . . . . .	2.42	0.97	<b>Calories provided by (dry powder):</b>	
Polyunsaturated			Protein, % . . . . .	22.831
Fatty Acids, % . . . . .	3.14	1.25	Fat (ether extract), % . . . . .	18.850
<b>Fiber (Crude), %</b> . . . . .	<b>1.8</b>	<b>0.7</b>	Carbohydrates, % . . . . .	58.318
Neutral Detergent			<b>*Product Code</b>	
Fiber <sup>3</sup> , % . . . . .	6.0	2.4	1. Formulation based on calculated	
Acid Detergent Fiber <sup>4</sup> , % . . . . .	2.2	0.9	values from the latest ingredient	
<b>Nitrogen-Free Extract</b>			analysis information. Since	
(by difference), % . . . . .	54.4	21.8	nutrient composition of natural	
Starch, % . . . . .	14.2	5.7	ingredients varies and some	
Glucose, % . . . . .	32.4	13.0	nutrient loss will occur due to	
Fructose, % . . . . .	0.08	0.03	manufacturing processes, analysis	
Sucrose, % . . . . .	0.44	0.17	will differ accordingly.	
Lactose, % . . . . .	1.35	0.54	2. Nutrients expressed as percent of	
<b>Total Digestible</b>			ration except where otherwise	
<b>Nutrients, %</b> . . . . .	<b>45.0</b>	<b>18.0</b>	indicated. Moisture content is	
<b>Gross Energy,</b>			assumed to be 10.0% for the purpose	
<b>kcal/gm</b> . . . . .	<b>4.52</b>	<b>1.81</b>	of calculations.	
<b>Physiological Fuel</b>			3. NDF = approximately cellulose,	
<b>Value<sup>5</sup>, kcal/gm</b> . . . . .	<b>3.73</b>	<b>1.49</b>	hemi-cellulose and lignin.	
<b>Metabolizable</b>			4. ADF = approximately cellulose and	
<b>Energy, kcal/gm</b> . . . . .	<b>3.42</b>	<b>1.36</b>	lignin.	
<b>Minerals</b>			5. Physiological Fuel Value	
<b>Ash, %</b> . . . . .	<b>4.5</b>	<b>1.8</b>	(kcal/gm) = Sum of decimal	
Calcium, % . . . . .	1.24	0.49	fractions of protein, fat and carbo-	
Phosphorus, % . . . . .	0.61	0.24	hydrate (use Nitrogen Free Extract) x	
Phosphorus (non-phytate), % . . . . .	0.49	0.20	4,9,4 kcal/gm respectively.	
Potassium, % . . . . .	0.58	0.23	6. Reconstitution level is 60% water to	
Magnesium, % . . . . .	0.15	0.06	40% product.	

**For ordering information,  
contact TestDiet® at 765-966-1885.**