



Nutritional Analysis

Formula: Roasted Peanut Butter & Sweet Potato Flavor Baked Food for Adult Dogs

Date Updated: 12/6/2023

Methodology: Average measurements** taken from lots #23087, #23219, & #23325

	Measure	As measured	Dry weight	Per Cup	AAFCO nutrient profile for adult dog maintenance*		
					min (% dry)	max (% dry)	
Macronutrients & Energy					~110g/cup		
Moisture	%	7.0	n/a	8 g	-	-	
Protein (crude)	%	27.2	29.2	30 g	18.00	-	
Fat (crude)	%	14.7	15.8	16 g	5.50	-	
Fiber (crude)	%	4.6	4.9	5 g	-	-	
Ash	%	5.8	6.2	6 g	-	-	
Carbohydrates (<i>calculated</i>)	%	40.8	43.9	45 g	-	-	
Total dietary fiber	%	16.1	17.3	18 g	-	-	
Soluble fiber	%	2.5	2.7	3 g	-	-	
Insoluble fiber	%	13.6	14.6	15 g	-	-	
Total starch	%	20.7	22.3	23 g	-	-	
Calorie Content (ME) (<i>calculated</i>)	kcal/kg	3,626	3,899	399 kcal	-	-	
% from protein	%	26%	26%	105 kcal			
% from fat	%	34%	34%	137 kcal			
% from carbohydrates	%	39%	39%	157 kcal			
Minerals							
Sulfur	%	0.50	0.54				
Calcium	%	0.93	1.00		0.50	2.50	
Phosphorus	%	0.75	0.81		0.40	1.60	
Calcium:Phosphorus	ratio	1.26	1.36		1.00	2.00	
Sodium	%	0.31	0.34		0.08	-	
Potassium	%	0.88	0.95		0.62	-	
Chloride	%	0.21	0.23		0.12	-	
Magnesium	%	0.19	0.21		0.06	-	
Copper	ppm	15.4	16.6		7.3	-	
Iodine	ppm	4.9	5.3		1.0	11.0	
Iron	ppm	130	140		40	-	
Manganese	ppm	36	39		5	-	
Selenium	ppm	0.71	0.76		0.35	2.00	
Zinc	ppm	127	136		82	-	
Vitamins							
Vitamin A (retinol + beta-carotene)	IU/kg	16,700	17,957		5,000	250,000	
Vitamin D2 (ergocalciferol)	IU/kg	1,540	1,656		500	3,000	
Vitamin E (total)	IU/kg	281	302		50	-	
Thiamine	mg/kg	9.6	10.3		2.3	-	
Riboflavin (vitamin B2)	mg/kg	8.0	8.5		5.2	-	
Niacin (vitamin B3)	mg/kg	25.1	27.0		13.6	-	
Choline chloride	mg/kg	2,660	2,860		1,360	-	
Pantothenic acid	mg/kg	74	79		12.0	-	
Pyridoxine (vitamin B6)	mg/kg	2.3	2.5		1.50	-	
Folic acid	mg/kg	0.9	0.9		0.22	-	
Cobalamin (vitamin B12)	mg/kg	0.15	0.16		0.03	-	



	Measure	As measured	Dry weight	Per Cup	AAFCO nutrient profile for adult dog maintenance*	
					min (% dry)	max (% dry)
Amino Acids						
Arginine	%	1.89	2.03		0.51	-
Cystine	%	0.43	0.46		-	-
Histidine	%	0.64	0.69		0.19	-
Isoleucine	%	1.38	1.48		0.38	-
Leucine	%	2.47	2.66		0.68	-
Lysine	%	1.73	1.86		0.63	-
Methionine	%	0.68	0.73		0.33	-
Methionine + Cystine	%	1.11	1.19		0.65	-
Phenylalanine	%	1.73	1.86		0.45	-
Phenylalanine + Tyrosine	%	2.92	3.14		0.74	-
Threonine	%	1.28	1.38		0.48	-
Tryptophane	%	0.30	0.32		0.16	-
Tyrosine	%	1.19	1.28		-	-
Valine	%	1.59	1.71		0.49	-
Taurine	%	0.15	0.16		-	-
L-carnitine	mg/kg	139	149			
Fatty Acids						
<u>Omega 3 (total)</u>	%	1.36	1.46	1496 mg	-	-
alpha-Linolenic (ALA)	%	1.30	1.40	1430 mg	-	-
Docosahexaenoic (DHA)	%	0.05	0.05	55 mg	-	-
Eicosapentaenoic (EPA)	%	0.00	0.00		-	-
<u>Omega-6 (total)</u>	%	2.44	2.62	3 g	-	-
Linoleic	%	2.44	2.62	3 g	1.10	-
Arachidonic	%	0.00	0.00		-	-
omega-6:omega-3	ratio	1.79	1.79		-	30
<u>Omega-9</u>	%	9.24	9.94	10 g	-	-
Oleic	%	9.22	9.91	10 g	-	-
Saturated fat	%	2.04	2.19	2 g	-	-
Trans fat	%	0.00	0.00		-	-

*AAFCO only provides guidelines for essential nutrients – i.e. nutrients that adult dogs must get through their diet and cannot biosynthesize themselves. We have included some nutrients that are not considered essential by AAFCO (and thus do not have an AAFCO minimum) for additional transparency. AAFCO only defines maximum inclusion rates for some nutrients where the safe upper limit (SUL) has been established. AAFCO nutrient profile guidelines are calculated assuming a 4,000 kcal/kg caloric density. This diet is ~3,650 kcal/kg, which means that the AAFCO guideline amounts are ~9% higher than required on an ‘as fed’ basis.

**Note: Results reflect the average results of samples from 3 batches of food. Not all nutrients were tested in each batch, and in some cases these results reflect only one sample lot. Nutritional composition may vary within and between manufacturing runs. This document does not reflect a guaranteed nutritional profile for food purchased from Petaluma and is provided for informational purposes.

