



## Nutritional Analysis Results

Formula: **BAKED PUMPKIN & PEANUT BUTTER FLAVOR | BAKED FOOD FOR SENIOR DOGS**

Lot Number / Manufacture Date: #23104A (05/02/2023)

Report Date: 5/18/2023

	Measure	As measured	Dry weight	AAFCO nutrient profile for adult dog maintenance*	
				min (% dry)	max (% dry)
<b>Macronutrients &amp; Energy</b>					
Moisture	%	8.60	n/a	-	-
Protein (crude)	%	29.70	32.49	18.00	-
Fat (crude)	%	11.40	12.47	5.50	-
Fiber (crude)	%	4.49	4.91	-	-
Ash	%	6.05	6.62	-	-
Carbohydrates (calculated)	%	39.76	43.50	-	-
Calorie Content (ME) (calculated)	kcal/kg	3,400	3,720	-	-
<b>Minerals</b>					
Sulfur	%	0.57	0.62	-	-
Calcium	%	0.87	0.95	0.50	2.50
Phosphorus	%	0.73	0.80	0.40	1.60
Calcium:Phosphorus	ratio	1.19	1.19	1.00	2.00
Sodium	%	0.33	0.36	0.08	-
Potassium	%	1.18	1.29	0.62	-
Chloride	%	0.29	0.32	0.12	-
Magnesium	%	0.15	0.17	0.06	-
Copper	ppm	16.9	18.5	7.30	-
Iodine	ppm	7.5	8.2	1.00	11.0
Iron	ppm	160	175	40.0	-
Manganese	ppm	30.1	32.9	5.00	-
Selenium	ppm	0.54	0.59	0.35	2.00
Zinc	ppm	134	147	82.0	-
<b>Vitamins</b>					
Vitamin A (retinol + beta-carotene)	IU/kg	18,900	20,678	5,000	250,000
Vitamin D3 (cholecalciferol)	IU/kg	1,510	1,652	500	3,000
Vitamin E (total)	IU/kg	207	227	50	-
Thiamine	mg/kg	12.8	14.0	2.3	-
Riboflavin (vitamin B2)	mg/kg	5.6	6.1	5.2	-
Niacin (vitamin B3)	mg/kg	28	31	13.6	-
Choline chloride	mg/kg	2,650	2,899	1,360	-
Pantothenic acid	mg/kg	89	98	12.0	-
Pyridoxine (vitamin B6)	mg/kg	2.3	2.5	1.50	-
Folic acid	mg/kg	0.82	0.90	0.22	-
Cobalamin (vitamin B12)	mg/kg	0.12	0.13	0.03	-



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<b>Amino Acids</b>					
Arginine	%	2.09	2.29	0.51	-
Cystine	%	0.30	0.33	-	-
Histidine	%	0.53	0.58	0.19	-
Isoleucine	%	1.62	1.77	0.38	-
Leucine	%	2.54	2.78	0.68	-
Lysine	%	1.92	2.10	0.63	-
Methionine	%	0.48	0.53	0.33	-
Methionine + Cystine	%	0.78	0.85	0.65	-
Phenylalanine	%	1.70	1.86	0.45	-
Phenylalanine + Tyrosine	%	2.72	2.98	0.74	-
Threonine	%	0.79	0.86	0.48	-
Tryptophane	%	0.29	0.32	0.16	-
Tyrosine	%	1.02	1.12	-	-
Valine	%	1.76	1.93	0.49	-
Taurine	%	0.19	0.21	-	-
L-carnitine	mg/kg	127	139	-	-
<b>Fatty Acids</b>					
<u>Omega 3 (total)</u>	%	1.52	1.66	-	-
alpha-Linolenic (ALA)	%	1.07	1.17	-	-
Docosahexaenoic (DHA)	%	0.43	0.47	-	-
Eicosapentaenoic (EPA)	%	0.01	0.01	-	-
<u>Omega-6 (total)</u>	%	2.12	2.32	-	-
Linoleic	%	2.11	2.31	1.10	-
Arachidonic	%	0.00	0.00	-	-
omega-6:omega-3	ratio	1.39	1.39	-	30
<u>Omega-9</u>	%	5.79	6.33	-	-
Oleic	%	5.79	6.33	-	-
Saturated fat	%	1.83	2.00	-	-
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 ~3,400 kcal/kg, which means that the AAFCO guideline amounts are ~18% higher than required on an ‘as fed’ basis.

Note: Results reflect the analysis of a random sample of the formula manufactured on 5/2/2023. 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.

