

## CANINE MAINTENANCE AAFCO NUTRIENT PROFILE CLAIM SUBSTANTIATION

DATE:	Q4 2017	AAFCO NUTRIENT PROFILE FOR CANINE GROWTH & REPRODUCTION		PRODUCT CORE Tender Bites Puppy Chicken, Turkey & Salmon Recipe			
		Unit BASIS DM or kcal	Dry Matter Basis, %	g/Per 1,000 kcal ME	As fed Basis, %	Dry Matter Basis, %	g/Per 1,000 kcal ME
Nutrients							
M.E. kcal/kg	kcal/kg	3,500.00	-	3,744.00	4,565.85	-	434
<b>PROXIMATES:</b>							
MOISTURE	%	-	-	18.00	-	-	-
PROTEIN	% / g	22.00	62.86	33.75	41.16	90.14	39.15
FAT	% / g	8.00	22.86	22.17	27.04	59.21	25.72
CARBOHYDRATES		-	-	15.37	18.74	41.05	17.83
FIBER	% / g	-	-	1.13	1.38	3.02	1.31
ASH	% / g	-	-	9.58	11.68	25.59	11.11
<b>AMINO ACIDS:</b>							
ARGININE	% / g	0.62	1.77	2.58	3.15	6.89	2.99
HISTIDINE	% / g	0.22	0.63	0.64	0.78	1.71	0.74
ISOLEUCINE	% / g	0.45	1.29	1.01	1.23	2.70	1.17
LEUCINE	% / g	0.72	2.06	1.58	1.93	4.22	1.83
LYSINE	% / g	0.77	2.20	1.84	2.24	4.91	2.13
MET + CYS	% / g	0.53	1.51	0.45	0.55	1.20	0.52
METHIONINE	% / g	N/A	N/A	0.90	1.10	2.40	1.04
PHE + TYR	% / g	0.89	2.54	1.75	2.13	4.67	2.03
PHENYLALANINE	% / g	N/A	N/A	1.10	1.34	2.94	1.28
THREONINE	% / g	0.58	1.66	1.04	1.27	2.78	1.21
TRYPTOPHAN	% / g	0.20	0.57	0.41	0.50	1.10	0.48
VALINE	% / g	0.48	1.37	0.94	1.15	2.51	1.09
<b>FATTY ACIDS:</b>							
LINOLEIC ACID	% / g	1.00	2.86	5.66	6.90	15.12	6.57
ARACHIDONIC ACID	% / g	N/A	N/A	1.11	1.36	2.97	1.29
<b>MINERALS:</b>							
CALCIUM	% / g	1.00	2.86	1.82	2.22	4.86	2.11
PHOSPHORUS	% / g	0.80	2.29	1.17	1.43	3.13	1.36
POTASSIUM	% / g	0.60	1.71	0.76	0.92	2.02	0.88
SODIUM	% / g	0.30	0.86	1.67	2.03	4.45	1.93
CHLORIDE	% / g	0.45	1.29	1.85	2.26	4.94	2.15
MAGNESIUM	% / g	0.040	0.114	0.102	0.124	0.271	0.118
IRON	MG/KG or MG	N/A	N/A	241.50	294.51	64.50	28.01
COPPER	MG/KG or MG	7.30	2.09	27.60	33.66	7.37	3.20
MANGANESE	MG/KG or MG	5.00	1.43	33.30	40.61	8.89	3.86
ZINC	MG/KG or MG	120.00	34.29	806.00	982.93	215.28	93.50
IODINE	MG/KG or MG	1.50	0.43	4.24	5.17	1.13	0.49
SELENIUM	MG/KG or MG	0.11	0.03	0.51	0.62	0.14	0.06
<b>VITAMINS &amp; OTHERS:</b>							
VITAMIN A	IU/KG or IU	5,000.00	1,428.57	69800.00	85121.95	18,643.16	8,096.80
VITAMIN D <sub>3</sub>	IU/KG or IU	500.00	142.86	6410.00	7817.07	1,712.07	743.56
VITAMIN E	IU/KG or IU	50.00	14.29	1070.00	1304.88	285.79	124.12
VITAMIN K	MG/KG or MG	N/A	N/A	N/A	N/A	N/A	N/A
THIAMINE (VITAMIN B <sub>1</sub> )	MG/KG or MG	1.00	0.29	26.35	32.13	7.04	3.06
RIBOFLAVIN (VITAMIN B <sub>2</sub> )	MG/KG or MG	2.20	0.63	21.40	26.10	5.72	2.48
PANTOTHENIC ACID	MG/KG or MG	10.00	2.86	55.20	67.32	14.74	6.40
NIACIN	MG/KG or MG	11.40	3.26	308.00	375.61	82.26	35.73
PYRIDOXINE	MG/KG or MG	1.00	0.29	26.00	31.71	6.94	3.02
FOLIC ACID	MG/KG or MG	0.18	0.05	2.88	3.51	0.77	0.33
BIOTIN	MG/KG or MG	N/A	N/A	0.15	0.18	0.04	0.02
VITAMIN B <sub>12</sub>	MG/KG or MG	0.022	0.01	0.06	0.08	0.02	0.01
CHOLINE	MG/KG or MG	1,200.00	342.86	1618.50	1973.78	432.29	187.75
TAURINE	% / g	N/A	N/A	0.15	0.18	0.04	0.17

1 cup (g)	116	
kcal/kg ME	3,744	
kcal/cup	434	
<b>kcalories</b>	<b>Total</b>	<b>%</b>
kcal- Protein	1,370	36.6%
kcal- Fat	2,186	58.4%
kcal- Carbohydrates	188	5.0%
Omega 3 Fatty Acids	1.00%	
Omega 6 Fatty Acids	5.86%	

Not considered essential by AAFCO