

CANINE MAINTENANCE AAFCO NUTRIENT PROFILE CLAIM SUBSTANTIATION

DATE:	Q4 2017	AAFCO NUTRIENT PROFILE FOR CANINE MAINTENANCE		PRODUCT CORE Tender Bites Ocean Whitefish & 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	-	3,272.00	3,990.24	-	360
PROXIMATES:							
MOISTURE	%	-	-	18.00	-	-	-
PROTEIN	% / g	18.00	51.43	34.40	41.95	105.13	37.84
FAT	% / g	5.00	14.29	15.83	19.30	48.38	17.41
CARBOHYDRATES		-	-	20.08	24.49	61.37	22.09
FIBER	% / g	-	-	2.40	2.93	7.33	2.64
ASH	% / g	-	-	9.29	11.33	28.39	10.22
AMINO ACIDS:							
ARGININE	% / g	0.51	1.46	1.35	1.65	4.13	1.49
HISTIDINE	% / g	0.18	0.51	0.41	0.50	1.25	0.45
ISOLEUCINE	% / g	0.37	1.06	0.69	0.84	2.11	0.76
LEUCINE	% / g	0.59	1.69	1.23	1.50	3.76	1.35
LYSINE	% / g	0.63	1.80	1.27	1.55	3.88	1.40
MET + CYS	% / g	0.43	1.23	0.45	0.55	1.38	0.50
METHIONINE	% / g	N/A	N/A	0.48	0.59	1.47	0.53
PHE + TYR	% / g	0.73	2.09	1.08	1.32	3.30	1.19
PHENYLALANINE	% / g	N/A	N/A	0.76	0.93	2.32	0.84
THREONINE	% / g	0.48	1.37	0.80	0.98	2.44	0.88
TRYPTOPHAN	% / g	0.16	0.46	0.16	0.20	0.49	0.18
VALINE	% / g	0.39	1.11	0.82	1.00	2.51	0.90
FATTY ACIDS:							
LINOLEIC ACID	% / g	1.00	2.86	3.46	4.22	10.57	3.81
ARACHIDONIC ACID	% / g	N/A	N/A	0.10	0.12	0.29	0.10
MINERALS:							
CALCIUM	% / g	0.60	1.71	1.72	2.10	5.26	1.89
PHOSPHORUS	% / g	0.50	1.43	1.14	1.38	3.47	1.25
POTASSIUM	% / g	0.60	1.71	0.71	0.87	2.17	0.78
SODIUM	% / g	0.06	0.17	1.66	2.02	5.07	1.83
CHLORIDE	% / g	0.09	0.26	1.84	2.24	5.62	2.02
MAGNESIUM	% / g	0.040	0.114	0.104	0.126	0.316	0.114
IRON	MG/KG or MG	40.00	11.43	245.50	299.39	75.03	27.01
COPPER	MG/KG or MG	7.30	2.09	26.25	32.01	8.02	2.89
MANGANESE	MG/KG or MG	5.00	1.43	33.80	41.22	10.33	3.72
ZINC	MG/KG or MG	120.00	34.29	748.00	912.20	228.61	82.28
IODINE	MG/KG or MG	1.50	0.43	5.20	6.34	1.59	0.57
SELENIUM	MG/KG or MG	0.11	0.03	0.70	0.85	0.21	0.08
VITAMINS & OTHERS:							
VITAMIN A	IU/KG or IU	5,000.00	1,428.57	60000.00	73170.73	18,337.41	6,600.00
VITAMIN D ₃	IU/KG or IU	500.00	142.86	6680.00	8146.34	2,041.56	734.80
VITAMIN E	IU/KG or IU	50.00	14.29	1090.00	1329.27	333.13	119.90
VITAMIN K	MG/KG or MG	N/A	N/A	N/A	N/A	N/A	N/A
THIAMINE (VITAMIN B ₁)	MG/KG or MG	1.00	0.29	23.15	28.23	7.08	2.55
RIBOFLAVIN (VITAMIN B ₂)	MG/KG or MG	2.20	0.63	20.30	24.76	6.20	2.23
PANTOTHENIC ACID	MG/KG or MG	10.00	2.86	64.00	78.05	19.56	7.04
NIACIN	MG/KG or MG	11.40	3.26	354.00	431.71	108.19	38.94
PYRIDOXINE	MG/KG or MG	1.00	0.29	25.30	30.85	7.73	2.78
FOLIC ACID	MG/KG or MG	0.18	0.05	3.18	3.88	0.97	0.35
BIOTIN	MG/KG or MG	N/A	N/A	0.15	0.18	0.05	0.02
VITAMIN B ₁₂	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	1660.00	2024.39	507.33	182.60
TAURINE	% / g	N/A	N/A	0.15	0.18	0.05	0.17

1 cup (g)	110	
kcal/kg ME	3,272	
kcal/cup	360	
kcalories	Total	%
kcal- Protein	1,706	44.4%
kcal- Fat	1,907	49.6%
kcal- Carbohydrates	230	6.0%
Omega 3 Fatty Acids	2.31%	
Omega 6 Fatty Acids	3.69%	
Other	Total (mg/kg)	mg/cup
Glucosamine Hydrochloride	250	27.5
Chondroitin Sulfate	200	22.0

Not considered essential by AAFCO