

CANINE MAINTENANCE AAFCO NUTRIENT PROFILE CLAIM SUBSTANTIATION

DATE:	Q2 2018	AAFCO NUTRIENT PROFILE FOR CANINE GROWTH & REPRODUCTION		PRODUCT Wellness CORE Dry Dog Small Breed Puppy			
Nutrients	Unit BASIS DM or kcal	Dry Matter Basis, %	g/Per 1,000 kcal ME	As fed Basis, %	Dry Matter Basis, %	Per 1,000 kcal ME	Per 8.0 cup 130 g or 4.6 oz
M.E. kcal/kg	kcal/kg	4,000.00		3,927.00	4,268.48		510
PROXIMATES:							
MOISTURE	%			8.00			
PROTEIN	%	22.50	56.25	45.52	49.48	115.92	59.18
FAT	%	8.50	21.25	19.64	21.35	50.01	25.53
CARBOHYDRATES	%			13.65	14.84	34.76	17.75
FIBER	%			4.28	4.65	10.90	5.56
ASH	%			8.91	9.68	22.69	11.58
AMINO ACIDS:							
ARGININE	%	1.00	2.50	3.04	3.30	7.74	3.95
HISTIDINE	%	0.44	1.10	0.91	0.99	2.32	1.18
ISOLEUCINE	%	0.71	1.78	1.59	1.73	4.05	2.07
LEUCINE	%	1.29	3.23	2.69	2.92	6.85	3.50
LYSINE	%	0.90	2.25	2.48	2.70	6.32	3.22
MET + CYS	%	0.70	1.75	1.24	1.35	3.16	1.61
METHIONINE	%	0.35	0.88	0.72	0.78	1.83	0.94
PHE + TYR	%	1.30	3.25	2.91	3.16	7.41	3.78
PHENYLALANINE	%	0.83	N/A	1.55	1.68	3.95	2.02
THREONINE	%	1.04	2.60	1.58	1.72	4.02	2.05
TRYPTOPHAN	%	0.20	0.50	0.42	0.46	1.07	0.55
VALINE	%	0.68	1.70	1.90	2.07	4.84	2.47
FATTY ACIDS:							
LINOLEIC ACID	%	1.30	3.25	5.21	5.66	13.27	6.77
ALPHA-LINOLENIC ACID	%	0.08	0.20	1.48	1.61	3.77	1.92
EPA + DHA	%	0.05	0.13	0.27	0.29	0.69	0.35
MINERALS:							
CALCIUM	%	1.20	3.00	1.96	2.13	4.99	2.55
PHOSPHORUS	%	1.00	2.50	1.32	1.43	3.36	1.72
POTASSIUM	%	0.60	1.50	1.12	1.22	2.85	1.46
SODIUM	%	0.30	0.75	0.50	0.54	1.27	0.65
CHLORIDE	%	0.45	1.13	0.80	0.87	2.04	1.04
MAGNESIUM	%	0.06	0.15	0.147	0.160	0.374	0.191
IRON	MG/KG or MG	88.00	22.00	284.00	308.70	72.32	369.20
COPPER	MG/KG or MG	12.40	3.10	33.00	35.87	8.40	4.29
MANGANESE	MG/KG or MG	7.20	1.80	32.60	35.43	8.30	4.24
ZINC	MG/KG or MG	100.00	25.00	268.00	291.30	68.25	34.84
IODINE	MG/KG or MG	1.00	0.25	2.45	2.66	0.62	0.32
SELENIUM	MG/KG or MG	0.35	0.09	0.86	0.93	0.22	0.11
VITAMINS & OTHERS:							
VITAMIN A	IU/KG or IU	5,000.00	1,250.00	61,721.68	67,088.78	15,717.26	8,023.82
VITAMIN D ₃	IU/KG or IU	500.00	125.00	2,598.09	2,824.01	661.60	337.75
VITAMIN E	IU/KG or IU	50.00	12.50	780.12	847.96	198.66	101.42
THIAMINE (VITAMIN B ₁)	MG/KG or MG	2.25	0.56	30.02	32.63	7.64	3.90
RIBOFLAVIN (VITAMIN B ₂)	MG/KG or MG	5.20	1.30	15.55	16.90	3.96	2.02
PANTOTHENIC ACID	MG/KG or MG	12.00	3.00	29.79	32.38	7.59	3.87
NIACIN	MG/KG or MG	13.60	3.40	258.31	280.77	65.78	33.58
PYRIDOXINE	MG/KG or MG	1.50	0.38	14.36	15.61	3.66	1.87
FOLIC ACID	MG/KG or MG	0.216	0.05	3.27	3.55	0.83	0.43
VITAMIN B ₁₂	MG/KG or MG	0.028	0.01	0.10	0.10	0.02	0.01
CHOLINE	MG/KG or MG	1,360.00	340.00	2,372.28	2,578.57	604.09	308.40
TAURINE	%	N/A	N/A	0.22	0.24	0.56	0.29

1 cup (g)	130	
kcal/kg ME	3,927	
kcal/cup	510	
kcalories	Total	%
kcal- Protein	1,673	42.6%
kcal- Fat	1,753	44.6%
kcal- Carbohydrates	502	12.8%