

CANINE MAINTENANCE AAFCO NUTRIENT PROFILE CLAIM SUBSTANTIATION

DATE:	Q3 2016	AAFCO NUTRIENT PROFILE FOR CANINE GROWTH & REPRODUCTION		PRODUCT Holistic Select Dry Dog Grain Free Large & Giant Breed Puppy			
Nutrients	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	Per 8.0 cup 106 g or 3.7 oz
M.E. kcal/kg	kcal/kg	4,000.00	-	3,665.00	3,983.70	-	388
PROXIMATES:							
MOISTURE	%	-	-	8.00	-	-	-
PROTEIN	% / g	22.50	56.25	28.82	31.33	78.64	30.55
FAT	% / g	8.50	21.25	17.14	18.63	46.77	18.17
CARBOHYDRATES		-	-	33.76	36.70	92.11	35.79
FIBER	% / g	-	-	5.14	5.59	14.02	5.45
ASH	% / g	-	-	7.14	7.76	19.48	7.57
AMINO ACIDS:							
ARGININE	% / g	1.00	2.50	1.96	2.13	5.35	2.08
HISTIDINE	% / g	0.44	1.10	0.60	0.65	1.64	0.64
ISOLEUCINE	% / g	0.71	1.78	1.01	1.10	2.76	1.07
LEUCINE	% / g	1.29	3.23	1.80	1.96	4.91	1.91
LYSINE	% / g	0.90	2.25	1.75	1.90	4.77	1.86
MET + CYS	% / g	0.70	1.75	0.75	0.82	2.05	0.80
METHIONINE	% / g	0.35	0.88	0.42	0.46	1.15	0.45
PHE + TYR	% / g	1.30	3.25	2.00	2.17	5.46	2.12
PHENYLALANINE	% / g	0.83	N/A	1.16	1.26	3.17	1.23
THREONINE	% / g	1.04	2.60	1.06	1.15	2.89	1.12
TRYPTOPHAN	% / g	0.20	0.50	0.34	0.37	0.93	0.36
VALINE	% / g	0.68	1.70	1.26	1.37	3.44	1.34
FATTY ACIDS:							
LINOLEIC ACID	% / g	1.30	3.25	3.45	3.75	9.41	3.66
ALPHA-LINOLENIC ACID	% / g	0.08	0.20	0.90	0.98	2.46	0.95
EPA + DHA	% / g	0.05	0.13	0.11	0.12	0.30	0.12
MINERALS:							
CALCIUM	% / g	1.20	3.00	1.48	1.61	4.04	1.57
PHOSPHORUS	% / g	1.00	2.50	1.03	1.12	2.81	1.09
POTASSIUM	% / g	0.60	1.50	1.00	1.09	2.73	1.06
SODIUM	% / g	0.30	0.75	0.33	0.36	0.90	0.35
CHLORIDE	% / g	0.45	1.13	0.55	0.60	1.50	0.58
MAGNESIUM	% / g	0.06	0.15	0.14	0.15	0.38	0.15
IRON	MG/KG or MG	88.00	22.00	271.00	294.57	739.43	287.26
COPPER	MG/KG or MG	12.40	3.10	25.65	27.88	7.00	2.72
MANGANESE	MG/KG or MG	7.20	1.80	42.10	45.76	11.49	4.46
ZINC	MG/KG or MG	100.00	25.00	221.00	240.22	60.30	23.43
IODINE	MG/KG or MG	1.00	0.25	5.83	6.34	1.59	0.62
SELENIUM	MG/KG or MG	0.35	0.09	0.72	0.78	0.20	0.08
VITAMINS & OTHERS:							
VITAMIN A	IU/KG or IU	5,000.00	1,250.00	117183.86	127373.76	31,973.77	12,421.49
VITAMIN D ₃	IU/KG or IU	500.00	125.00	2391.69	2599.66	652.58	253.52
VITAMIN E	IU/KG or IU	50.00	12.50	286.55	311.47	78.19	30.37
THIAMINE (VITAMIN B ₁)	MG/KG or MG	2.25	0.56	26.22	28.50	7.15	2.78
RIBOFLAVIN (VITAMIN B ₂)	MG/KG or MG	5.20	1.30	11.55	12.55	3.15	1.22
PANTOTHENIC ACID	MG/KG or MG	12.00	3.00	22.70	24.67	6.19	2.41
NIACIN	MG/KG or MG	13.60	3.40	198.96	216.26	54.29	21.09
PYRIDOXINE	MG/KG or MG	1.50	0.38	12.16	13.22	3.32	1.29
FOLIC ACID	MG/KG or MG	0.216	0.05	2.230	2.424	0.608	0.236
VITAMIN B ₁₂	MG/KG or MG	0.028	0.01	0.066	0.071	0.018	0.007
CHOLINE	MG/KG or MG	1,360.00	340.00	1567.71	1704.03	427.75	166.18
TAURINE	% / g	N/A	N/A	0.15	0.16	0.41	0.16

1 cup (g)	106	
kcal/kg ME	3,665	
kcal/cup	388	
kcalories	Total	%
kcal- Protein	1,014	27.7%
kcal- Fat	1,464	40.0%
kcal- Carbohydrates	1,187	32.4%
Omega 3 Fatty Acids	1.05%	
Omega 6 Fatty Acids	3.58%	

Not considered essential by AAFCO