

## CANINE MAINTENANCE AAFCO NUTRIENT PROFILE CLAIM SUBSTANTIATION

DATE:	Q2 2018	AAFCO NUTRIENT PROFILE FOR CANINE GROWTH & REPRODUCTION		PRODUCT Wellness CORE Dry Dog Large Breed Puppy			
		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
Nutrients							
M.E. kcal/kg	kcal/kg	4,000.00		3,619.00	3,933.70		387
<b>PROXIMATES:</b>							
MOISTURE	%			8.00			
PROTEIN	%	22.50	56.25	36.39	39.55	100.55	38.94
FAT	%	8.50	21.25	15.31	16.64	42.30	16.38
CARBOHYDRATES	%			28.19	30.64	77.89	30.16
FIBER	%			4.80	5.22	13.26	5.14
ASH	%			7.31	7.95	20.20	7.82
<b>AMINO ACIDS:</b>							
ARGININE	%	1.00	2.50	2.56	2.78	7.07	2.74
HISTIDINE	%	0.44	1.10	0.77	0.84	2.13	0.82
ISOLEUCINE	%	0.71	1.78	1.33	1.45	3.68	1.42
LEUCINE	%	1.29	3.23	2.25	2.45	6.22	2.41
LYSINE	%	0.90	2.25	2.11	2.29	5.83	2.26
MET + CYS	%	0.70	1.75	1.00	1.09	2.76	1.07
METHIONINE	%	0.35	0.88	0.56	0.61	1.55	0.60
PHE + TYR	%	1.30	3.25	2.44	2.65	6.74	2.61
PHENYLALANINE	%	0.83	N/A	1.32	1.43	3.65	1.41
THREONINE	%	1.04	2.60	1.33	1.45	3.68	1.42
TRYPTOPHAN	%	0.20	0.50	0.39	0.42	1.08	0.42
VALINE	%	0.68	1.70	1.55	1.68	4.28	1.66
<b>FATTY ACIDS:</b>							
LINOLEIC ACID	%	1.30	3.25	3.15	3.42	8.70	3.37
ALPHA-LINOLENIC ACID	%	0.08	0.20	1.47	1.60	4.06	1.57
EPA + DHA	%	0.05	0.13	0.18	0.20	0.50	0.19
<b>MINERALS:</b>							
CALCIUM	%	1.20	3.00	1.41	1.53	3.90	1.51
PHOSPHORUS	%	1.00	2.50	1.06	1.15	2.93	1.13
POTASSIUM	%	0.60	1.50	1.18	1.28	3.26	1.26
SODIUM	%	0.30	0.75	0.38	0.41	1.05	0.41
CHLORIDE	%	0.45	1.13	0.66	0.72	1.82	0.71
MAGNESIUM	%	0.06	0.15	0.147	0.160	0.406	0.157
IRON	MG/KG or MG	88.00	22.00	256.50	278.80	70.88	274.46
COPPER	MG/KG or MG	12.40	3.10	26.80	29.13	7.41	2.87
MANGANESE	MG/KG or MG	7.20	1.80	28.25	30.71	7.81	3.02
ZINC	MG/KG or MG	100.00	25.00	223.50	242.93	61.76	23.91
IODINE	MG/KG or MG	1.00	0.25	2.20	2.39	0.61	0.24
SELENIUM	MG/KG or MG	0.35	0.09	0.74	0.80	0.20	0.08
<b>VITAMINS &amp; OTHERS:</b>							
VITAMIN A	IU/KG or IU	5,000.00	1,250.00	64,932.46	70,578.76	17,942.10	6,947.77
VITAMIN D <sub>3</sub>	IU/KG or IU	500.00	125.00	2,435.62	2,647.41	673.01	260.61
VITAMIN E	IU/KG or IU	50.00	12.50	784.85	853.10	216.87	83.98
THIAMINE (VITAMIN B <sub>1</sub> )	MG/KG or MG	2.25	0.56	30.05	32.66	8.30	3.22
RIBOFLAVIN (VITAMIN B <sub>2</sub> )	MG/KG or MG	5.20	1.30	14.21	15.45	3.93	1.52
PANTOTHENIC ACID	MG/KG or MG	12.00	3.00	28.01	30.45	7.74	3.00
NIACIN	MG/KG or MG	13.60	3.40	244.05	265.27	67.44	26.11
PYRIDOXINE	MG/KG or MG	1.50	0.38	14.15	15.38	3.91	1.51
FOLIC ACID	MG/KG or MG	0.216	0.05	2.96	3.22	0.82	0.32
VITAMIN B <sub>12</sub>	MG/KG or MG	0.028	0.01	0.07	0.08	0.02	0.01
CHOLINE	MG/KG or MG	1,360.00	340.00	1,424.86	1,548.76	393.72	152.46
TAURINE	%	N/A	N/A	0.17	0.18	0.47	0.18

1 cup (g)	107	
kcal/kg ME	3,619	
kcal/cup	387	
<b>kcalories</b>	<b>Total</b>	<b>%</b>
kcal- Protein	1,294	35.8%
kcal- Fat	1,322	36.5%
kcal- Carbohydrates	1,003	27.7%
Omega 3 Fatty Acids	1.58%	
Omega 6 Fatty Acids	3.27%	