

## CANINE MAINTENANCE AAFCO NUTRIENT PROFILE CLAIM SUBSTANTIATION

DATE:	Q3 2018	AAFCO NUTRIENT PROFILE FOR CANINE MAINTENANCE		PRODUCT CORE Dry Dog Original			
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 115 g or 4.1 oz
M.E. kcal/kg	kcal/kg	4,000.00		3,660.00	3,978.26		421
<b>PROXIMATES:</b>							
MOISTURE	%			8.00			
PROTEIN	%	18.00	45.00	35.30	38.37	96.45	40.60
FAT	%	5.50	13.75	16.00	17.39	43.72	18.40
CARBOHYDRATES	%			29.47	32.03	80.52	33.89
FIBER	%			3.61	3.92	9.86	4.15
ASH	%			7.62	8.28	20.82	8.76
<b>AMINO ACIDS:</b>							
ARGININE	%	0.51	1.28	2.42	2.63	6.61	2.78
HISTIDINE	%	0.19	0.48	0.73	0.79	1.99	0.84
ISOLEUCINE	%	0.38	0.95	1.27	1.38	3.47	1.46
LEUCINE	%	0.68	1.70	2.16	2.35	5.90	2.48
LYSINE	%	0.63	1.58	1.99	2.16	5.44	2.29
MET + CYS	%	0.65	1.63	0.95	1.03	2.60	1.09
METHIONINE	%	0.33	0.83	0.56	0.61	1.53	0.64
PHE + TYR	%	0.74	1.85	2.25	2.45	6.15	2.59
PHENYLALANINE	%	0.45	1.13	1.28	1.39	3.50	1.47
THREONINE	%	0.48	1.20	1.27	1.38	3.47	1.46
TRYPTOPHAN	%	0.16	0.40	0.35	0.38	0.96	0.40
VALINE	%	0.49	1.23	1.52	1.65	4.15	1.75
<b>FATTY ACIDS:</b>							
LINOLEIC ACID	%	1.10	2.75	3.98	4.33	10.87	4.58
<b>MINERALS:</b>							
CALCIUM	%	0.50	1.25	1.53	1.66	4.18	1.76
PHOSPHORUS	%	0.40	1.00	1.08	1.17	2.95	1.24
POTASSIUM	%	0.60	1.50	0.86	0.93	2.35	0.99
SODIUM	%	0.08	0.20	0.23	0.25	0.63	0.26
CHLORIDE	%	0.12	0.30	0.28	0.30	0.77	0.32
MAGNESIUM	%	0.060	0.150	0.130	0.141	0.355	0.150
IRON	MG/KG or MG	40.00	10.00	248.15	269.73	67.80	28.54
COPPER	MG/KG or MG	7.30	1.83	23.98	26.07	6.55	2.76
MANGANESE	MG/KG or MG	5.00	1.25	27.07	29.42	7.40	3.11
ZINC	MG/KG or MG	80.00	20.00	190.82	207.41	52.14	21.94
IODINE	MG/KG or MG	1.00	0.25	2.15	2.34	0.59	0.25
SELENIUM	MG/KG or MG	0.35	0.09	0.46	0.50	0.13	0.05
<b>VITAMINS &amp; OTHERS:</b>							
VITAMIN A	IU/KG or IU	5000.00	1250.00	64455.12	70059.91	17610.69	7412.34
VITAMIN D <sub>3</sub>	IU/KG or IU	500.00	125.00	1407.03	1529.38	384.43	161.81
VITAMIN E	IU/KG or IU	50.00	12.50	782.99	851.08	213.93	90.04
THIAMINE (VITAMIN B <sub>1</sub> )	MG/KG or MG	2.25	0.56	30.02	32.63	8.20	3.45
RIBOFLAVIN (VITAMIN B <sub>2</sub> )	MG/KG or MG	5.20	1.30	14.73	16.01	4.02	1.69
PANTOTHENIC ACID	MG/KG or MG	12.00	3.00	28.73	31.23	7.85	3.30
NIACIN	MG/KG or MG	13.60	3.40	247.42	268.93	67.60	28.45
PYRIDOXINE	MG/KG or MG	1.50	0.38	14.04	15.26	3.84	1.61
FOLIC ACID	MG/KG or MG	0.216	0.054	3.240	3.522	0.885	0.373
VITAMIN B <sub>12</sub>	MG/KG or MG	0.028	0.007	0.081	0.088	0.022	0.009
CHOLINE	MG/KG or MG	1360.00	340.00	1685.07	1831.60	460.40	193.78
TAURINE	%	N/A	N/A	0.18	0.20	0.49	0.21

1 cup (g)	115	
kcal/kg ME	3,660	
kcal/cup	421	
<b>kcalories</b>	<b>Total</b>	<b>%</b>
kcal- Protein	1,242	33.9%
kcal- Fat	1,375	37.6%
kcal- Carbohydrates	1,043	28.5%
Omega 3 Fatty Acids	0.51%	
Omega 6 Fatty Acids	4.23%	
<b>Other</b>	<b>Total</b>	<b>mg. per cup</b>
Glucosamine Hydrochloride	250	28.75
Chondroitin Sulfate	200	23