

## CANINE MAINTENANCE AAFCO NUTRIENT PROFILE CLAIM SUBSTANTIATION

DATE:	Q3 2017	AAFCO NUTRIENT PROFILE FOR CANINE MAINTENANCE		PRODUCT Holistic Select Dry Dog Large & Giant Breed Adult			
		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	-	3,804.00	4,134.78	-	453
<b>PROXIMATES:</b>							
MOISTURE	%	-	-	8.00	-	-	-
PROTEIN	%	18.00	45.00	25.27	27.47	66.43	30.07
FAT	%	5.50	13.75	15.83	17.21	41.61	18.84
CARBOHYDRATES	%	-	-	42.17	45.84	110.86	50.18
FIBER	%	-	-	2.83	3.08	7.44	3.37
ASH	%	-	-	5.90	6.41	15.51	7.02
<b>AMINO ACIDS:</b>							
ARGININE	%	0.51	1.28	1.76	1.91	4.63	2.09
HISTIDINE	%	0.19	0.48	0.52	0.57	1.37	0.62
ISOLEUCINE	%	0.38	0.95	0.76	0.83	2.00	0.90
LEUCINE	%	0.68	1.70	1.56	1.70	4.10	1.86
LYSINE	%	0.63	1.58	1.30	1.41	3.42	1.55
MET + CYS	%	0.65	1.63	0.74	0.80	1.95	0.88
METHIONINE	%	0.33	0.83	0.44	0.48	1.16	0.52
PHE + TYR	%	0.74	1.85	1.69	1.84	4.44	2.01
PHENYLALANINE	%	0.45	1.13	0.89	0.97	2.34	1.06
THREONINE	%	0.48	1.20	0.90	0.98	2.37	1.07
TRYPTOPHAN	%	0.16	0.40	0.26	0.28	0.68	0.31
VALINE	%	0.49	1.23	0.90	0.98	2.37	1.07
<b>FATTY ACIDS:</b>							
LINOLEIC ACID	%	1.10	2.75	3.46	3.76	9.10	4.12
<b>MINERALS:</b>							
CALCIUM	%	0.50	1.25	1.50	1.63	3.94	1.79
PHOSPHORUS	%	0.40	1.00	1.02	1.11	2.68	1.21
POTASSIUM	%	0.60	1.50	0.62	0.67	1.63	0.74
SODIUM	%	0.08	0.20	0.21	0.23	0.55	0.25
CHLORIDE	%	0.12	0.30	0.34	0.37	0.89	0.40
MAGNESIUM	%	0.060	0.150	0.130	0.141	0.342	0.155
IRON	MG/KG or MG	40.00	10.00	202.50	220.11	53.23	24.10
COPPER	MG/KG or MG	7.30	1.83	22.60	24.57	5.94	2.69
MANGANESE	MG/KG or MG	5.00	1.25	42.20	45.87	11.09	5.02
ZINC	MG/KG or MG	80.00	20.00	176.00	191.30	46.27	20.94
IODINE	MG/KG or MG	1.00	0.25	1.88	2.04	0.49	0.22
SELENIUM	MG/KG or MG	0.35	0.09	0.59	0.64	0.16	0.07
<b>VITAMINS &amp; OTHERS:</b>							
VITAMIN A	IU/KG or IU	5,000.00	1,250.00	115,968.00	126,052.17	30,485.80	13,800.19
VITAMIN D <sub>3</sub>	IU/KG or IU	500.00	125.00	1,906.14	2,071.89	501.09	226.83
VITAMIN E	IU/KG or IU	50.00	12.50	286.28	311.17	75.26	34.07
THIAMINE (VITAMIN B <sub>1</sub> )	MG/KG or MG	2.25	0.56	26.57	28.88	6.98	3.16
RIBOFLAVIN (VITAMIN B <sub>2</sub> )	MG/KG or MG	5.20	1.30	11.71	12.73	3.08	1.39
PANTOTHENIC ACID	MG/KG or MG	12.00	3.00	26.30	28.59	6.91	3.13
NIACIN	MG/KG or MG	13.60	3.40	219.29	238.36	57.65	26.10
PYRIDOXINE	MG/KG or MG	1.50	0.38	12.83	13.95	3.37	1.53
FOLIC ACID	MG/KG or MG	0.22	0.05	2.10	2.28	0.55	0.25
VITAMIN B <sub>12</sub>	MG/KG or MG	0.03	0.01	0.05	0.06	0.01	0.01
CHOLINE	MG/KG or MG	1,360.00	340.00	1,462.16	1,589.30	384.37	174.00
TAURINE	%	N/A	N/A	0.09	0.10	0.24	0.11

1 cup (g)	119	
kcal/kg ME	3,804	
kcal/cup	453	
<b>kcalories</b>	<b>Total</b>	<b>%</b>
kcal- Protein	908	23.9%
kcal- Fat	1,381	36.3%
kcal- Carbohydrates	1,515	39.8%
Omega 3 Fatty Acids	0.66%	
Omega 6 Fatty Acids	3.69%	
<b>Other</b>	<b>Total</b>	<b>mg/cup</b>
Glucosamine Hydrochloride	750	89.25
Chondroitin Sulfate	250	29.75