

## CANINE MAINTENANCE AAFCO NUTRIENT PROFILE CLAIM SUBSTANTIATION

DATE: Product Code:	Q3 2017	AAFCO NUTRIENT PROFILE FOR CANINE GROWTH & REPRODUCTION		PRODUCT Holistic Select Dry Dog Grain Free Small & Mini 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	-	3,643.00	3,959.78	-	481
<b>PROXIMATES:</b>							
MOISTURE	%	-	-	8.00	-	-	-
PROTEIN	%	22.50	56.25	38.08	41.39	104.53	50.27
FAT	%	8.50	21.25	18.15	19.73	49.82	23.96
CARBOHYDRATES	%	-	-	25.08	27.26	68.84	33.11
FIBER	%	-	-	2.83	3.08	7.77	3.74
ASH	%	-	-	7.86	8.54	21.58	10.38
<b>AMINO ACIDS:</b>							
ARGININE	%	1.00	2.50	2.53	2.75	6.94	3.34
HISTIDINE	%	0.44	1.10	0.85	0.92	2.33	1.12
ISOLEUCINE	%	0.71	1.78	1.39	1.51	3.82	1.83
LEUCINE	%	1.29	3.23	2.39	2.60	6.56	3.15
LYSINE	%	0.90	2.25	2.38	2.59	6.53	3.14
MET + CYS	%	0.70	1.75	1.07	1.16	2.94	1.41
METHIONINE	%	0.35	0.88	0.67	0.73	1.84	0.88
PHE + TYR	%	1.30	3.25	2.46	2.67	6.75	3.25
PHENYLALANINE	%	0.83	N/A	1.41	1.53	3.87	1.86
THREONINE	%	1.04	2.60	1.41	1.53	3.87	1.86
TRYPTOPHAN	%	0.20	0.50	0.40	0.43	1.10	0.53
VALINE	%	0.68	1.70	1.60	1.74	4.39	2.11
<b>FATTY ACIDS:</b>							
LINOLEIC ACID	%	1.30	3.25	3.01	3.27	8.26	3.97
ALPHA-LINOLENIC ACID	%	0.08	0.20	0.90	0.98	2.47	1.19
EPA + DHA	%	0.05	0.13	0.40	0.43	1.10	0.53
<b>MINERALS:</b>							
CALCIUM	%	1.20	3.00	1.99	2.16	5.46	2.63
PHOSPHORUS	%	1.00	2.50	1.31	1.42	3.60	1.73
POTASSIUM	%	0.60	1.50	1.03	1.12	2.83	1.36
SODIUM	%	0.30	0.75	0.45	0.49	1.24	0.59
CHLORIDE	%	0.45	1.13	0.57	0.62	1.56	0.75
MAGNESIUM	%	0.06	0.15	0.166	0.180	0.456	0.219
IRON	MG/KG or MG	88.00	22.00	300.50	326.63	82.49	396.66
COPPER	MG/KG or MG	12.40	3.10	23.35	25.38	6.41	3.08
MANGANESE	MG/KG or MG	7.20	1.80	45.45	49.40	12.48	6.00
ZINC	MG/KG or MG	100.00	25.00	193.00	209.78	52.98	25.48
IODINE	MG/KG or MG	1.00	0.25	2.69	2.92	0.74	0.36
SELENIUM	MG/KG or MG	0.35	0.09	1.08	1.17	0.30	0.14
<b>VITAMINS &amp; OTHERS:</b>							
VITAMIN A	IU/KG or IU	5,000.00	1,250.00	116,366.00	126,484.78	31,942.36	15,360.31
VITAMIN D <sub>3</sub>	IU/KG or IU	500.00	125.00	2,546.60	2,768.04	699.04	336.15
VITAMIN E	IU/KG or IU	50.00	12.50	283.20	307.83	77.74	37.38
THIAMINE (VITAMIN B <sub>1</sub> )	MG/KG or MG	2.25	0.56	26.16	28.43	7.18	3.45
RIBOFLAVIN (VITAMIN B <sub>2</sub> )	MG/KG or MG	5.20	1.30	11.37	12.36	3.12	1.50
PANTOTHENIC ACID	MG/KG or MG	12.00	3.00	22.93	24.92	6.29	3.03
NIACIN	MG/KG or MG	13.60	3.40	202.60	220.22	55.61	26.74
PYRIDOXINE	MG/KG or MG	1.50	0.38	12.16	13.22	3.34	1.61
FOLIC ACID	MG/KG or MG	0.216	0.05	2.320	2.522	0.637	0.306
VITAMIN B <sub>12</sub>	MG/KG or MG	0.028	0.01	0.048	0.052	0.013	0.006
CHOLINE	MG/KG or MG	1,360.00	340.00	1,648.66	1,792.02	452.56	217.62
TAURINE	%	N/A	N/A	0.18	0.20	0.49	0.24

1 cup (g)	132	
kcal/kg ME	3,643	
kcal/cup	481	
<b>kcalories</b>	<b>Total</b>	<b>%</b>
kcal- Protein	1,294	35.5%
kcal- Fat	1,497	41.1%
kcal- Carbohydrates	852	23.4%