

## CANINE MAINTENANCE AAFCO NUTRIENT PROFILE CLAIM SUBSTANTIATION

DATE:	Q2 2018	AAFCO NUTRIENT PROFILE FOR CANINE GROWTH & REPRODUCTION		PRODUCT Wellness Lamb & Beef Stew Dog Food with Brown Rice & Apples			
		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		1,014.00	4,404.29	359
<b>PROXIMATES:</b>							
MOISTURE	%			76.98			
PROTEIN	%	22.50	56.25	9.53	41.40	93.99	33.74
FAT	%	8.50	21.25	5.91	25.67	58.28	20.92
CARBOHYDRATES	%			5.30	23.03	52.29	18.77
FIBER	%			0.23	0.99	2.26	0.81
ASH	%			2.05	8.91	20.23	7.26
<b>AMINO ACIDS:</b>							
ARGININE	%	1.00	2.50	0.58	2.50	5.68	2.04
HISTIDINE	%	0.44	1.10	0.24	1.02	2.32	0.83
ISOLEUCINE	%	0.71	1.78	0.38	1.66	3.78	1.36
LEUCINE	%	1.29	3.23	0.77	3.33	7.56	2.72
LYSINE	%	0.90	2.25	0.66	2.88	6.55	2.35
MET + CYS	%	0.70	1.75	0.47	2.02	4.59	1.65
METHIONINE	%	0.35	0.88	0.25	1.08	2.45	0.88
PHE + TYR	%	1.30	3.25	0.80	3.47	7.88	2.83
PHENYLALANINE	%	0.83	2.08	0.46	1.99	4.52	1.62
THREONINE	%	1.04	2.60	0.41	1.77	4.01	1.44
TRYPTOPHAN	%	0.20	0.50	0.12	0.53	1.20	0.43
VALINE	%	0.68	1.70	0.53	2.29	5.20	1.87
<b>FATTY ACIDS:</b>							
LINOLEIC ACID	%	1.30	3.25	0.39	1.70	3.87	1.39
ALPHA-LINOLENIC ACID	%	0.08	0.20	0.07	0.29	0.65	0.23
EPA + DHA	%	0.05	0.13	0.02	0.10	0.24	0.08
<b>MINERALS:</b>							
CALCIUM	%	1.20	3.00	0.41	1.79	4.05	1.45
PHOSPHORUS	%	1.00	2.50	0.30	1.32	3.00	1.08
POTASSIUM	%	0.60	1.50	0.23	0.98	2.22	0.80
SODIUM	%	0.30	0.75	0.13	0.57	1.29	0.46
CHLORIDE	%	0.45	1.13	0.16	0.68	1.55	0.56
MAGNESIUM	%	0.06	0.15	0.02	0.10	0.24	0.08
IRON	MG/KG or IU	88.00	22.00	52.45	227.80	51.72189349	18.57
COPPER	MG/KG or MG	12.40	3.10	10.61	46.08	10.46	3.76
MANGANESE	MG/KG or MG	7.20	1.80	6.30	27.34	6.21	2.23
ZINC	MG/KG or MG	100.00	25.00	48.69	211.48	48.02	17.24
IODINE	MG/KG or MG	1.00	0.25	0.56	2.45	0.56	0.20
SELENIUM	MG/KG or MG	0.35	0.09	0.25	1.08	0.25	0.09
<b>VITAMINS &amp; OTHERS:</b>							
VITAMIN A	IU/KG or IU	5,000.00	1,250.00	38,557.54	167,473.98	38,025.18	13,649.37
VITAMIN D <sub>3</sub>	IU/KG or IU	500.00	125.00	288.80	1,254.40	284.81	102.24
VITAMIN E	IU/KG or IU	50.00	12.50	25.64	111.38	25.29	9.08
THIAMINE (VITAMIN B <sub>1</sub> )	MG/KG or MG	2.25	0.56	12.03	52.26	11.86	4.26
RIBOFLAVIN (VITAMIN B <sub>2</sub> )	MG/KG or MG	5.20	1.30	4.46	19.36	4.40	1.58
PANTOTHENIC ACID	MG/KG or MG	12.00	3.00	13.93	60.52	13.74	4.93
NIACIN	MG/KG or MG	13.60	3.40	22.86	99.31	22.55	8.09
PYRIDOXINE	MG/KG or MG	1.50	0.38	1.65	7.16	1.63	0.58
FOLIC ACID	MG/KG or MG	0.216	0.05	0.44	1.91	0.43	0.16
VITAMIN B <sub>12</sub>	MG/KG or MG	0.028	0.01	0.07	0.31	0.07	0.03
CHOLINE	MG/KG or MG	1,360.00	340.00	957.29	4,157.97	944.07	338.88

kcalories	Total	%
kcal- Protein	331	32.7%
kcal- Fat	499	49.2%
kcal- Carbohydrates	184	18.2%