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AAFCO Nutrient Profile Comparison – based on theoretical formulation

Comparison to AAFCO Requirements

12/15/22

For Feline Adult Maintenance Canned

Plant : 310 SIMMONS PET FOOD - EMPORIA
 Product: TL7WCFA3 Wellness Costco Cat Loaf Chick Cod 3oz

Nutrient	Units	Fin Prod Amount	100% DM Amount	Ene Cor Amount	AAFCO Minimum	AAFCO Maximum	Violation
Moisture	%	76.50					
CRUDE PROTEIN	%	11.20	47.66	42.08	26.00		
CHO	%	2.12	9.01	7.96			
CRUDE FAT	%	7.11	30.25	26.71	9.00		
CRUDE FIBER	%	0.36	1.55	1.37			
ASH	%	2.87	12.23	10.79			
M.E. KCAL/G	KCAL/G	1.06	4.53	4.00			
Linoleic Acid	%	1.32	5.61	4.95	0.60		
Arachidonic Acid	%	0.06	0.26	0.23	0.02		
TOT POTASSIUM	%	0.24	1.03	0.91	0.60		
CALCIUM	%	0.60	2.54	2.24	0.60		
PHOSPHORUS	%	0.38	1.60	1.41	0.50		
Sodium	%	0.12	0.52	0.46	0.20		
Chloride	%	0.26	1.12	0.99	0.30		
MAGNESIUM	%	0.03	0.11	0.10	0.04		
Iron	MG/KG	53.65	228.28	201.56	80.00		
Copper	MG/KG	4.15	17.66	15.59	5.00		
Manganese	MG/KG	5.56	23.64	20.87	7.60		
Zinc	MG/KG	140.00	595.74	526.01	75.00		
Iodine	MG/KG	0.82	3.50	3.09	0.60	9.00	
Selenium	MG/KG	0.19	0.81	0.72	0.30		
Vit A Retinol	IU/KG	19905.6084704	6674790.53	3332.00	333300.00		
Vitamin D	IU/KG	807.15	3434.70	3032.69	280.00	30080.00	
Vitamin E	IU/KG	225.00	957.44	845.38	40.00		
Vitamin K	MG/KG	0.20	0.84	0.74	0.10		
Thiamin	MG/KG	116.08	493.96	436.14	5.60		
Riboflavin, B2	MG/KG	3.85	16.39	14.47	4.00		
Pantothenic Acid	MG/KG	9.51	40.45	35.71	5.75		
Niacin	MG/KG	33.21	141.31	124.77	60.00		
Pyridoxine, B6	MG/KG	4.01	17.05	15.05	4.00		
Folic Acid	MG/KG	1.08	4.59	4.05	0.80		
Biotin	MG/KG	0.14	0.61	0.54	0.07		
Vitamin B12	MG/KG	0.04	0.17	0.15	0.02		
Choline	MG/KG	1232.39	5244.22	4630.42	2400.00		
Arginine	%	0.72	3.06	2.70	1.04		
Histidine	%	0.26	1.10	0.97	0.31		
Isoleucine	%	0.50	2.13	1.88	0.52		
Leucine	%	0.86	3.66	3.24	1.24		
Lysine	%	0.82	3.49	3.08	0.83		
Methionine	%	0.28	1.20	1.06	0.20	1.50	
Met+Cys	%	0.52	2.19	1.94	0.40		
Phenylalanine	%	0.45	1.92	1.70	0.42		
Phe+Tyr	%	0.77	3.26	2.88	1.53		
Threonine	%	0.48	2.03	1.79	0.73		
Tryptophan	%	0.19	0.82	0.72	0.16	1.70	
Valine	%	0.51	2.17	1.91	0.62		
TOT TAURINE	%	0.25	1.07	0.95	0.20		
EPA, 20:5, N-3	%	0.02	0.11	0.09			
DHA, 22:6, N-3	%	0.04	0.16	0.15			
OMEGA-6	%	1.27	5.42	4.78			
OMEGA-3	%	0.24	1.00	0.89			
Vitamin C	MG/KG	0.00	0.00	0.00			
L-Carnitine	MG/KG	50.00	212.77	187.86			
Glucosamine	MG/KG	318.46	1355.15	1196.54			
Chondroitin Sulf	MG/KG	740.61	3151.51	2782.65			