

Canine Recipe Formulation

formulated especially for:

Recipe AHVMA bldg beef growth v 2 for printing
 Pet's name
 Pet Owner Name
 Breed
 Life Stage Adult, moderate activity
 Issues:
 Current Weight
 Goal Weight 42

Recipe : AHVMA bldg beef growth v 2 for printing

Grams	Pounds	Ounces	Percent	Ingredient
227.0000	0.50	8.00	5.85%	beef, heart, raw no sep fat
227.0000	0.50	8.00	5.85%	beef, liver, raw
2270.0000	5.00	80.00	58.51%	beef, ground, 90% lean, 10% fat, raw
227.0000	0.50	8.00	5.85%	spinach, raw
227.0000	0.50	8.00	5.85%	carrots, raw
66.0000	0.15	2.33	1.70%	hempseed
11.0000	0.02	0.39	0.28%	krill oil
55.0000	0.12	1.94	1.42%	bonemeal, typical
160.0000	0.35	5.64	4.12%	mussel, blue, raw
5.0000	0.01	0.18	0.13%	kelp blend, Maine Sea Coast, Sea Seasonings 1 tsp/3 g
283.7500	0.63	10.00	7.31%	salmon, pink, canned, drained solids
2.0000	0.00	0.07	0.05%	Standard Process Vitamin E wheat germ oil fortified
55.0000	0.12	1.94	1.42%	oyster, eastern, canned
62.0000	0.14	2.19	1.60%	beef spleen, raw
2.0000	0.00	0.07	0.05%	sea salt
3879.7500	8.55	136.73	100.00%	

Nutrient content of natural foods vary, sometimes significantly. Use the nutrient content numbers as approximations only.

MACRONUTRIENT ANALYSIS*			
Atwater Standard			
Composition	as fed	DM	% kcal
Protein	17%	60%	49%
Fat	8%	26%	49%
Ash	3%	9%	
Moisture	71%		
Fiber	0.5%	1.7%	
Digestible Carbs	0.95%	3.3%	2.7%
Total			100.0%

MACRONUTRIENT INFORMATION*	
total kcal in recipe	5,530
kcal per oz	40
kcal per pound	647
kcal / day	1,000
recipe makes, # of days	6
kcal / kg	1,427

AAFCO 2016				
MINERALS*				per 1000 kcal
	Unit	Minimum	Maximum	Recipe
Ca	g	3.00	4.50	3.27
P	g	2.50	4.00	2.76
Ca:P ratio				1.19 : 1
K	g	1.50		2.41
Na	g	0.80		0.88
Mg	g	0.15		0.29
Fe	mg	22.00	355.00	22.86
Cu	mg	3.10	7.10	5.28
Mn	mg	1.80	42.60	2.34
Zn	mg	25.00	71.00	33.55
I	mg	0.25	2.75	0.45
Se	mg	0.09	0.50	0.14

VITAMINS*		AAFCO 2016		per 1000 kcal
	Unit	Minimum	Maximum	Recipe
Vit A	IU	1250	62500	18115
Vit D	IU	125	750	332
Vit E	IU	13		25
Thiamine	mg	0.6		0.7
Riboflavin	mg	1.3		2.6
Pantothenic Acid	mg	3.0		6.9
Niacin	mg	3.4		35.3
B6 (Pyridoxine)	mg	0.4		2
Folic Acid	mg	0.054		0.129
Vit B12	mg	0.007		0.045
Choline	mg	340		573

FATS*	AAFCO 2016		Typical		
	Recipe		Ancestral	All Life Stages	Maximum
% fat		8%			
Total fat	g/1000 kcal	53.97	47.00	21.30	82.50
Saturated		19.15	14.00		
Monounsaturated		19.84	18.00		
Polyunsaturated		7.53	14.00		
LA, omega-6		4.44	8.00	3.30	
ALA, omega-3		1.20	3.00	0.20	
AA, LC omega-6		0.31	1.50		
All LC omega-3		1.27	1.00	0.10	
EPA		0.55			
DPA		0.06			
DHA		0.66	0.70		
Omega -6/-3	to 1	1.92	2.40		30.00

AMINO ACIDS*		g/1000 kcal	Recipe
Caloric basis		growth + repro	
		AAFCO 2016	g/1,000 kcal
		minimum	
Tryptophan	g	0.50	0.82
Threonine	g	2.60	4.75
Isoleucine	g	1.78	5.23
Leucine	g	3.23	9.24
Lysine	g	2.25	9.62
Methionine	g	0.88	3.07
Methionine - cystine	g	1.75	4.30
Phenylalanine	g	2.08	4.73
Phenylalanine - tyros	g	3.25	8.51
Valine	g	1.70	5.91
Arginine	g	2.50	7.60
Histidine	g	1.10	3.70

Red-shaded areas (if any) do not meet dog growth > of EU, AAFCO.