

COVID19 EMERGENCY RECIPE

Adult Recipe 2

Formulated for Adult Dog Maintenance

AMOUNT			INGREDIENTS
1	4.2 ounce	→ 120 gram	Raw Ground Beef, 80/20
2	4.2 ounce	→ 120 gram	Raw Chicken Breast, Boneless & Skinless
4	1.9 ounce	→ 55 gram	Raw Chicken Hearts
5	1.2 ounce	→ 35 gram	Tinned Sardines in Water
6	0.7 ounce	→ 20 gram	Raw Chicken Liver
7	5.3 ounce	→ 150 gram	Cooked Regular Oats in Water, Unenriched
8	5.3 ounce	→ 150 gram	Cooked Sweet Potato
9	0.0 ounce	→ 1 gram	Fresh Ground Chia Seeds
	0.6 tsp		NOW Calcium Carbonate, Pure Powder
10	1.0 capsule		NOW Full Spectrum Minerals
11	0.25 scoop		NOW Pure Kelp Powder
12	1.0 drop		NOW E-Oil



RECIPE ANALYSIS – AS FED

Calories	1000 kcal
Weight	23.0 ounce
Weight	651 gram
Moisture	72.90%
Protein	12.46%
Fat	6.44
Carbohydrate	6.90%
Ash	1.00%
Ca:P	1.15:1

RECIPE ANALYSIS – DRY MATTER

Calories	1000 kcal
Weight	6.2 ounce
Weight	176 gram
Moisture	0.00%
Protein	45.98%
Fat	23.76%
Carbohydrate	25.46%
Ash	3.69%
Ca:P	1.15:1

ESSENTIAL NUTRIENTS – AMINO ACIDS

NRC Essential Nutrient Guidelines for Adult Dog Maintenance	RECIPE NUTRIENT AMOUNT	NRC RECOMMENDED ALLOWANCE
	Per 23oz (651g)	Per 1000kcal
Crude Protein	90.29 gram (g)	25.00 gram (g)
Arginine	5.6 gram (g)	0.88 gram (g)
Histidine	2.70 gram (g)	0.48 gram (g)
Isoleucine	4.39 gram (g)	0.95 gram (g)
Leucine	7.05 gram (g)	1.70 gram (g)
Lysine	7.38 gram (g)	0.88 gram (g)
Methionine	2.35 gram (g)	0.83 gram (g)
Methionine + Cystine	3.54 gram (g)	1.63 gram (g)
Phenylalanine	3.76 gram (g)	1.13 gram (g)
Phenylalanine + Tyrosine	6.74 gram (g)	1.85 gram (g)
Threonine	3.77 gram (g)	1.08 gram (g)
Tryptophan	0.91 gram (g)	0.35 gram (g)
Valine	4.64 gram (g)	1.23 gram (g)

ESSENTIAL NUTRIENTS – FATTY ACIDS

NRC Essential Nutrient Guidelines for Adult Dog Maintenance	RECIPE NUTRIENT AMOUNT	NRC RECOMMENDED ALLOWANCE
	Per 23oz (651g)	Per 1000kcal
Total Fat	46.67 gram (g)	13.82 gram (g)
Linoleic Acid (LA)	4.34 gram (g)	2.80 gram (g)
Alpha-Linolenic Acid (ALA)	0.29 gram (g)	0.11 gram (g)
Eicosapentaenoic + Docosahexaenoic Acid (EPA+DHA)	0.39 gram (g)	0.11 gram (g)

ESSENTIAL NUTRIENTS – VITAMINS

NRC Essential Nutrient Guidelines for Adult Dog Maintenance	RECIPE NUTRIENT AMOUNT	NRC RECOMMENDED ALLOWANCE
	Per 23oz (651g)	Per 1000kcal
Vitamin A	2129.25 microgram (mcg)	379.00 microgram (mcg)
Vitamin D	6.84 microgram (mcg)	3.40 microgram (mcg)
Vitamin E	31.80 milligram (mg)	7.50 milligram (mg)
Vitamin K	0.01 milligram (mg)	milligram (mg)
Vitamin B1 (Thiamine)	0.63 milligram (mg)	0.56 milligram (mg)
Vitamin B2 (Riboflavin)	1.39 milligram (mg)	1.30 milligram (mg)
Vitamin B3 (Niacin)	32.15 milligram (mg)	4.25 milligram (mg)
Vitamin B5 (Pantothenic Acid)	6.73 milligram (mg)	3.75 milligram (mg)
Vitamin B6 (Pyridoxine)	2.20 milligram (mg)	0.38 milligram (mg)
Vitamin B9 (Folate & Folic acid)	196.31 microgram (mcg)	67.50 microgram (mcg)
Vitamin B12 (Cobalamin)	14.38 microgram (mcg)	8.75 microgram (mcg)
Choline	183.86 milligram (mg)	425.00 milligram (mg)

ESSENTIAL NUTRIENTS – MINERALS

NRC Essential Nutrient Guidelines for Adult Dog Maintenance	RECIPE NUTRIENT AMOUNT	NRC RECOMMENDED ALLOWANCE
	Per 23oz (651g)	Per 1000kcal
Calcium	1.24 gram (g)	1.00 gram (g)
Phosphorus	1.07 gram (g)	0.75 gram (g)
Magnesium	178.42 milligram (mg)	150.00 milligram (mg)
Potassium	1.94 gram (g)	1.00 gram (g)

Sodium	501.73 milligram (mg)	200.00 milligram (mg)
Chloride	752.60 milligram (mg)	300.00 milligram (mg)
Iron	12.72 milligram (mg)	7.50 milligram (mg)
Copper	1.87 milligram (mg)	1.50 milligram (mg)
Zinc	22.17 milligram (mg)	15.00 milligram (mg)
Manganese	4.32 milligram (mg)	1.20 milligram (mg)
Selenium	141.67 microgram (mcg)	87.50 microgram (mcg)
Iodine	212.50 microgram (mcg)	220.00 microgram (mcg)

RECIPE ANALYSIS NOTES

Vitamin K	Dogs also have the ability to create Vitamin K in the colon through fiber fermentation and the recipe is 0.40mg short of Vitamin K. This is not to say feeding Vitamin K is not beneficial; but the diet does not need to provide 100% daily recommended allowances to support optimal health. Adding additional fiber based vegetables to the recipe will provide insoluble fiber to support this fermentation process.
Choline	High protein diets with sufficient levels of Folic Acid reduces the need for Choline and the recipe is 241.30mg short of Choline recommended allowance (RA). When the diet provides enough amino acids and Folic Acid, Choline is created in the liver. This is not to say feeding Choline is not beneficial; but the diet does not need to provide 100% daily recommended allowances to support optimal health.
Iodine	The recipe meets NRC's minimum requirements for Iodine but is 7.58mcg short of the recommended allowance (RA) for Iodine to account for the small amounts of Iodine found within the other foods being fed - specifically fish.