

Supplemental Table 1. Chemical composition of Purina Lab. rodent chow

Nutrients			Iodine	ppm	1.42
Protein	%	20.00	Chromium	ppm	0.00
Arginine	%	1.26	Selenium	ppm	0.32
Cystine	%	0.37			
Glycine	%	0.87	Vitamins		
Histidine	%	0.50	Vitamin K	ppm	6.69
Isoleucine	%	0.82	Thyamin Hydrichloride	ppm	11.02
Leucine	%	1.47	Riboflavin	ppm	11.57
Lysine	%	1.01	Niacin	ppm	217.70
Methionine	%	0.33	Pantothenic Acid	ppm	88.72
Phenylalanine	%	0.98	Choline Chloride	ppm	3447.96
Tyrosine	%	0.63	Folic Acid	ppm	13.60
Threonine	%	0.72	Pyridoxine	ppm	11.00
Tryptophan	%	0.25	Biotin	ppm	0.15
Valine	%	0.91	B12	ppm	41.00
			Vitamin A	IU/g	28.03
Fat (ether extract)		4.50	Vitamin D3(added)	IU/g	4.00
Linoleic Acid	%	1.10	Vitamin E	IU/Kg	100.00
Linolenic Acid	%	0.12			
Arachidonic Acid	%	0.02			
Omega-3 Fatty Acids	%	1.11			
Fiber (Crude)	%	6.00			
Minerals					
Ash	%	7.25			
Calcium	%	1.20			
Phosphorus	%	0.62			
Phosphorus (non-phytate)	%	0.40			
Potassium	%	0.82	Calories provided by:		
Magnesium	%	0.16	Protein	%	24.52
Sulfur	%	0.22	Fat (ether extract)	%	12.41
Sodium	%	0.34	Carbohydrates	%	63.07
Chloride	%	0.47			
Fluorine	ppm	21.38	*Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10% for the purpose of calculations.		
Iron	ppm	112.93			
Zinc	ppm	128.85			
Manganese	ppm	95.49			
Copper	ppm	22.74			
Cobalt	ppm	0.76			