

Product Description—Teklad Global 14% Protein Rodent Maintenance Diet is designed and manufactured with the same high quality ingredients in both the United States and throughout Europe. 2014 is a **fixed formula**, nutritionally balanced, non-autoclavable diet containing 14% protein and 3.5% fat. Scientific publications report that low fat, low protein diets promote longevity and normal body weight in rodents. 2014 does not contain alfalfa or soybean meal, thus minimizing the occurrence of natural phytoestrogens. Absence of animal protein and fish meal eliminates the presence of nitrosamines. For autoclavable diet please refer to 2014S Teklad Global 14% Protein Rodent Maintenance Diet (Sterilizable). **All Teklad Global Diets are available certified.**

<i>Proximate Analysis</i>		
Crude Protein	%	14.50
Crude Oil	%	4.00
Crude Fiber	%	4.50
Ash	%	4.70
NFE	%	62.30
Carbohydrate	%	63.90
Starch	%	44.51
Sugar	%	5.72
Digestible Energy	Kcal/g (MJ/kg)	3.2 (13.39)
Metabolizable Energy	Kcal/g (MJ/kg)	3.1 (12.99)

<i>Minerals</i>		
Calcium	%	0.72
Phosphorus	%	0.61
Sodium	%	0.13
Potassium	%	0.60
Chloride	%	0.25
Magnesium	%	0.23
Zinc	mg/kg	80.00
Manganese	mg/kg	124.00
Copper	mg/kg	13.73
Iodine (added)	mg/kg	9.06
Iron	mg/kg	196.00
Selenium	mg/kg	0.23
Cobalt	mg/kg	0.61
Chromium	mg/kg	0.54

<i>Amino Acids</i>		
Aspartic Acid	%	0.94
Glutamic Acid	%	3.02
Alanine	%	0.86
Glycine	%	0.65
Threonine	%	0.50
Proline	%	1.34
Serine	%	0.72
Leucine	%	1.46
Isoleucine	%	0.61
Valine	%	0.73
Phenylalanine	%	0.73
Tyrosine	%	0.43
Phe + Tyr	%	1.16
Methionine	%	0.29
Cystine	%	0.27
Met + Cyst	%	0.56
Lysine	%	0.66
Histidine	%	0.37
Arginine	%	0.81
Tryptophan	%	0.15
Available Lysine	%	0.56

Standard Product Form: Pellet

Ingredients—Wheat middlings, ground wheat, ground corn, corn gluten meal, calcium carbonate, soybean oil, dicalcium phosphate, iodized salt, L-lysine, DL-methionine, choline chloride, niacin, vitamin A acetate, biotin, pyridoxine hydrochloride, thiamine mononitrate, vitamin D₃ supplement, folic acid, menadione sodium bisulfite complex (source of vitamin K activity), vitamin E supplement, vitamin B₁₂ supplement, riboflavin, calcium pantothenate, ferrous sulfate, magnesium oxide, manganous oxide, zinc oxide, copper sulfate, calcium iodate, cobalt carbonate, chromium potassium sulfate.

<i>Vitamins</i>		
Vitamin A	iu/g	6.20
Retinol	mg/kg	1.88
Vitamin D ₃	iu/g	0.99
Cholecalciferol	µg/kg	24.77
Vitamin E (α-tocopherol)	mg/kg	100.00
Vitamin K ₃ (menadione)	mg/kg	62.00
Vitamin B ₁ (thiamine)	mg/kg	10.50
Vitamin B ₂ (riboflavin)	mg/kg	7.40
Avail. Niacin (nicotinic acid)	mg/kg	19.10
Vitamin B ₆ (pyridoxine)	mg/kg	10.80
Pantothenic Acid	mg/kg	19.50
Vitamin B ₁₂ (cyanocobalamin)	mg/kg	0.03
Avail. Biotin	mg/kg	0.12
Folate	mg/kg	1.52
Vitamin C	mg/kg	0.00
Choline	mg/kg	1012.00
B Carotene	mg/kg	2.04
Inositol	mg/kg	1930.00

<i>Fatty Acids</i>		
SATURATED		
C4:0 Butyric	g/kg	0.00
C6:0 Caproic	g/kg	0.00
C8:0 Caprylic	g/kg	0.00
C10:0 Capric	g/kg	0.00
C12:0 Lauric	g/kg	0.06
C14:0 Myristic	g/kg	0.01
C15:0 Pentadecanoic	g/kg	0.00
C16:0 Palmitic	g/kg	6.36
C17:0 Margaric	g/kg	0.00
C18:0 Stearic	g/kg	0.67
C20:0 Arachidic	g/kg	0.05
C22:0 Behenic	g/kg	0.01
C24:0 Lignoceric	g/kg	0.00
MONO-UNSATURATED		
C16:1ω7 Palmitoleic	g/kg	0.01
C17:1ω8 Heptadecenoic	g/kg	0.00
C18:1ω9 Oleic	g/kg	8.10
C20:1ω9 Gadoleic	g/kg	0.16
C22:1ω9 Erucic	g/kg	0.00
POLYUNSATURATED		
C18:2ω6 Linoleic	g/kg	23.44
C18:3ω3 Linolenic	g/kg	1.45
C18:4ω3 Octadecatetraenoic	g/kg	0.00
C20:2ω6 Eicosadienoic	g/kg	0.00
C20:3ω6 Dihomo-gamma-linolenic	g/kg	0.00
C20:4ω6 Arachidonic	g/kg	0.00
C20:5ω3 Eicosapentanoic	g/kg	0.00
C22:5ω3 Clupanodonic	g/kg	0.00
C22:6ω3 Docosahexaenoic	g/kg	0.00

Nutrient levels are calculated from raw material data and are adjusted to 10% moisture level in the diet. Reported nutrient values may vary due to the inherent variability in laboratory analysis.