

2018 Teklad Global 18% Protein Rodent Diet



Product Description—Teklad Global 18% Protein Rodent Diet is designed and manufactured with the same high quality ingredients in both the United States and throughout Europe. 2018 is a **fixed formula**, non-autoclavable diet containing 18% protein and 5% fat. Promotes gestation, lactation, and consistent growth of rodents. Absence of animal protein and fish meal eliminates the presence of nitrosamines. Does not contain alfalfa, thus lowering the occurrence of natural phytoestrogens. For autoclavable diet, please refer to 2018S Teklad Global 18% Protein Rodent Diet (Sterilizable). **All Teklad Global Diets are available certified.**

Ingredients—Ground wheat, ground corn, wheat middlings, soybean meal, corn gluten meal, soybean oil, calcium carbonate, dried brewers yeast, 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.

Proximate Analysis

Crude Protein	%	18.90
Crude Oil	%	6.00
Crude Fiber	%	3.80
Ash	%	5.90
NFE	%	55.40
Carbohydrate	%	57.33
Starch	%	41.24
Sugar	%	4.93
Digestible Energy	Kcal/g (MJ/kg)	3.4 (14.03)
Metabolizable Energy	Kcal/g (MJ/kg)	3.3 (13.70)

Minerals

Calcium	%	1.01
Phosphorus	%	0.65
Sodium	%	0.23
Potassium	%	0.68
Chloride	%	0.40
Magnesium	%	0.20
Zinc	mg/kg	77.00
Manganese	mg/kg	118.00
Copper	mg/kg	15.21
Iodine (added)	mg/kg	11.55
Iron	mg/kg	226.00
Selenium	mg/kg	0.20
Cobalt	mg/kg	0.63
Chromium	mg/kg	0.53

Amino Acids

Aspartic Acid	%	1.42
Glutamic Acid	%	3.70
Alanine	%	1.08
Glycine	%	0.79
Threonine	%	0.67
Proline	%	1.55
Serine	%	0.97
Leucine	%	1.94
Isoleucine	%	0.85
Valine	%	0.95
Phenylalanine	%	0.99
Tyrosine	%	0.61
Phe + Tyr	%	1.60
Methionine	%	0.35
Cystine	%	0.33
Met + Cyst	%	0.69
Lysine	%	0.92
Histidine	%	0.47
Arginine	%	1.06
Tryptophan	%	0.20
Available Lysine	%	0.83

Standard Product Form: Pellet

Vitamins

Vitamin A	iu/g	15.40
Retinol	mg/kg	4.65
Vitamin D ₃	iu/g	1.54
Cholecalciferol	µg/kg	38.39
Vitamin E (α-tocopherol)	mg/kg	101.00
Vitamin K ₃ (menadione)	mg/kg	51.00
Vitamin B ₁ (thiamine)	mg/kg	16.50
Vitamin B ₂ (riboflavin)	mg/kg	14.90
Avail. Niacin (nicotinic acid)	mg/kg	41.20
Vitamin B ₆ (pyridoxine)	mg/kg	18.50
Pantothenic Acid	mg/kg	33.00
Vitamin B ₁₂ (cyanocobalamin)	mg/kg	0.08
Avail. Biotin	mg/kg	0.30
Folate	mg/kg	3.34
Vitamin C	mg/kg	0.00
Choline	mg/kg	1120.00
B Carotene	mg/kg	2.47
Inositol	mg/kg	1455.00

Fatty Acids

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	0.26
C14:0 Myristic	g/kg	0.06
C15:0 Pentadecanoic	g/kg	0.00
C16:0 Palmitic	g/kg	7.64
C17:0 Margaric	g/kg	0.00
C18:0 Stearic	g/kg	1.50
C20:0 Arachidic	g/kg	0.10
C22:0 Behenic	g/kg	0.03
C24:0 Lignoceric	g/kg	0.00
MONO-UNSATURATED		
C16:1ω7 Palmitoleic	g/kg	0.07
C17:1ω8 Heptadecenoic	g/kg	0.00
C18:1ω9 Oleic	g/kg	12.59
C20:1ω9 Gadoleic	g/kg	0.17
C22:1ω9 Erucic	g/kg	0.01
POLYUNSATURATED		
C18:2ω6 Linoleic	g/kg	31.35
C18:3ω3 Linolenic	g/kg	2.76
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.