

DESCRIPTION

Autoclavable Rabbit Diet is a Constant Nutrition[®], complete life-cycle pelleted ration. This diet is formulated using the unique and innovative concept of Constant Nutrition[®], paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies. It is formulated to compensate for the nutrient losses that occur during steam sterilization. The product is coated with a small amount of silicon dioxide to reduce clumping during the autoclaving process.

Features and Benefits

- Constant Nutrition[®] formula helps minimize nutritional variables
- Fortified with extra nutrients to compensate for losses during autoclaving
- Processed with silicon dioxide to reduce sticking and clumping
- Similar to Laboratory Rabbit Diet 5321
- Can be fed to barrier maintained rabbits

Product Forms Available

- Pellet, 4 mm (5/32") diameter x 10 mm (3/8") length
- Meal (ground pellets), special order

GUARANTEED ANALYSIS

Crude protein not less than	20.0%
Crude fat not less than	4.0%
Crude fiber not more than	18.0%
Ash not more than	10.0%

AUTOCLAVING SUGGESTIONS

To autoclave the pellets, place on trays, in small bags, or in larger bags to a depth of no more than 3 inches. When steam autoclaved, the pellets swell and exert force on adjacent pellets. Confinement by a bag or container creates additional pressure, resulting in sticking as the fibrous materials polymerize. **Assay before and after autoclaving:** Conditions of sterilization must be determined for each autoclaving unit. Microbiological evaluation should be done to insure sterilization is achieved. It is best to before and after sterilization to determine nutrient losses.

INGREDIENTS

Dehydrated alfalfa meal, dehulled soybean meal, wheat middlings, ground soybean hulls, ground oats, wheat germ, ground corn, dried beet pulp, brewers dried yeast, fish meal, porcine animal fat preserved with BHA, calcium carbonate, salt, dicalcium phosphate, monocalcium phosphate, magnesium oxide, DL-methionine, menadione dimethylpyrimidinol bisulfite, pyridoxine hydrochloride, vitamin A acetate, silicon dioxide, choline chloride, thiamin mononitrate, cholecalciferol, folic acid, dl-alpha tocopheryl acetate, nicotinic acid, calcium pantothenate, cyanocobalamin, riboflavin, biotin, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

FEEDING DIRECTIONS

Feed free-choice as the sole ration to rabbits except when weight control is necessary. Mature rabbits should consume approximately 4-6 oz. per day. Plenty of fresh, clean water should be available to the animals at all times.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	21.3
Arginine, %	1.23
Cystine, %	0.28
Glycine, %	0.93
Histidine, %	0.50
Isoleucine, %	1.12
Leucine, %	1.52
Lysine, %	1.18
Methionine, %	0.44
Phenylalanine, %	1.00
Tyrosine, %	0.69
Threonine, %	0.80
Tryptophan, %	0.28
Valine, %	1.10
Serine, %	1.06
Aspartic Acid, %	2.43
Glutamic Acid, %	3.95
Alanine, %	1.04
Proline, %	1.38
Taurine, %	<0.01
Fat (ether extract), %	4.4
Fat (acid hydrolysis), %	5.3
Cholesterol, ppm	83
Linoleic Acid, %	1.02
Linolenic Acid, %	0.20
Arachidonic Acid, %	<0.01
Omega-3 Fatty Acids, %	0.26
Total Saturated Fatty Acids, %	1.27
Total Monounsaturated Fatty Acids, %	1.29
Fiber (Crude), %	14.8
Neutral Detergent Fiber ³ , %	30.0
Acid Detergent Fiber ⁴ , %	17.9
Nitrogen-Free Extract (by difference), %	41.4
Starch, %	17.1
Glucose, %	0.21
Fructose, %	0.68
Sucrose, %	1.24
Lactose, %	0.00
Total Digestible Nutrients, %	67.5
Gross Energy, kcal/gm	3.54
Physiological Fuel Value⁵, kcal/gm	2.91
Metabolizable Energy, kcal/gm	2.46
Minerals	
Ash, %	7.4
Calcium, %	1.21
Phosphorus, %	0.60
Phosphorus (non-phytate), %	0.32
Potassium, %	1.51
Magnesium, %	0.35

Sulfur, %	0.27
Sodium, %	0.29
Chlorine, %	0.56
Fluorine, ppm	11
Iron, ppm	340
Zinc, ppm	87
Manganese, ppm	93
Copper, ppm	15
Cobalt, ppm	1.1
Iodine, ppm	0.84
Chromium, ppm	1.3
Selenium, ppm	0.44

Vitamins

Carotene, ppm	13
Vitamin K (as menadione), ppm	5.4
Thiamin Hydrochloride, ppm	44
Riboflavin, ppm	8.0
Niacin, ppm	100
Pantothenic Acid, ppm	20
Choline Chloride, ppm	1800
Folic Acid, ppm	4.4
Pyridoxine, ppm	12
Biotin, ppm	0.30
B ₁₂ , mcg/kg	26
Vitamin A, IU/gm	35
Vitamin D ₃ (added), IU/gm	1.4
Vitamin E, IU/kg	76
Ascorbic Acid, mg/gm	—

Calories provided by:

Protein, %	29.364
Fat (ether extract), %	13.718
Carbohydrates, %	56.918

*Product Code

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly.
2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
3. NDF = approximately cellulose, hemi-cellulose and lignin.
4. ADF = approximately cellulose and lignin.
5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.