

DESCRIPTION

Mouse Diet is specifically designed to support reproduction, growth and maintenance of mice. This diet is a complete life cycle diet formulated using managed formulation, delivering Constant Nutrition®. This is paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies. It contains 11% fat to fulfill the metabolic needs of certain mouse strains. Mouse Diet is beneficial in maintaining maximum reproduction for postpartum matings where females are under simultaneous stress of lactation and gestation.

Features and Benefits

- **Managed Formulation delivers Constant Nutrition®**
- A high-energy diet formulated specifically for all mouse colonies
- Helps maintain maximum reproduction for postpartum matings
- Recommended for mice with low feed intake to improve performance

Product Forms Available

- Oval pellet, 3/8" x 5/8" x 1" length
- Meal (ground pellets), special order

Catalog #
0001328

Other Versions Available

- 5LJ5 PicoLab® High Energy Mouse Diet 0045341

GUARANTEED ANALYSIS

Crude protein not less than	17.0%
Crude fat not less than	11.0%
Crude fiber not more than	3.0%
Ash not more than	6.5%
Moisture not more than	12.0%

INGREDIENTS

Whole wheat, dehulled soybean meal, ground corn, wheat germ, brewers dried yeast, porcine animal fat preserved with BHA and BHT, condensed whey, porcine animal fat preserved with BHA and citric acid, condensed whey solubles, calcium carbonate, salt, dried whey protein concentrate, soybean oil, mono and diglycerides of edible fats, DL-methionine, dicalcium phosphate, menadione dimethylpyrimidinol bisulfite (source of vitamin K), choline chloride, pyridoxine hydrochloride, cholecalciferol, vitamin A acetate, biotin, dl-alpha tocopheryl acetate (form of vitamin E), folic acid, vitamin B₁₂ supplement, thiamine mononitrate, ferrous sulfate, calcium pantothenate, nicotinic acid, riboflavin supplement, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

FEEDING DIRECTIONS

Mouse Diet should be fed to breeders and lactating females on a free-choice basis. Plenty of fresh, clean water should be available to the animals at all times.

Mice-Adult mice will eat up to 5 grams of pelleted ration daily. Some of the larger strains may eat as much as 8 grams per day per animal. Feed should be available on a free choice basis in wire feeders above the floor of the cage.

For information regarding shelf life please visit www.labdiet.com.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	18.9
Arginine, %	1.15
Cystine, %	0.36
Glycine, %	0.79
Histidine, %	0.46
Isoleucine, %	0.83
Leucine, %	1.39
Lysine, %	1.05
Methionine, %	0.62
Phenylalanine, %	0.84
Tyrosine, %	0.53
Threonine, %	0.71
Tryptophan, %	0.24
Valine, %	0.88
Serine, %	1.01
Aspartic Acid, %	2.06
Glutamic Acid, %	4.20
Alanine, %	1.00
Proline, %	1.30
Taurine, %	<0.01

Fat (ether extract), % 11.1

Fat (acid hydrolysis), % 12.0

Cholesterol, ppm	32
Linoleic Acid, %	1.96
Linolenic Acid, %	0.15
Arachidonic Acid, %	0.03
Omega-3 Fatty Acids, %	0.21
Total Saturated Fatty Acids, %	3.72
Total Monounsaturated	
Fatty Acids, %	3.96

Fiber (Crude), % 2.4

Neutral Detergent Fiber³, % 10.1

Acid Detergent Fiber⁴, % 2.9

Nitrogen-Free Extract

(by difference), % 51.8

Starch, % 32.6

Glucose, % 0.11

Fructose, % 0.11

Sucrose, % 0.90

Lactose, % 2.48

Total Digestible Nutrients, % 85.4

Gross Energy, kcal/gm 4.74

Physiological Fuel Value⁵, kcal/gm 3.83

Metabolizable Energy, kcal/gm 3.59

Sulfur, % 0.27

Sodium, % 0.43

Chloride, % 0.70

Fluorine, ppm 6.5

Iron, ppm 160

Zinc, ppm 120

Manganese, ppm 120

Copper, ppm 18

Cobalt, ppm 0.63

Iodine, ppm 1.4

Chromium (added), ppm 0.02

Selenium, ppm 0.30