

NON-HUMAN PRIMATE BISCUITS

LabDiet®

All LabDiet® non-human primate (NHP) diets are formulated using managed formulation, delivering Constant Nutrition®. This is paired with the selection of the highest quality ingredients to assure minimal inherent biological variation in long-term studies. Our LabDiet® NHP diets are nutritionally complete, meeting and safely exceeding the nutrient requirements of non-human primates.



STANDARD BISCUIT

TARGETED BISCUIT DIMENSION:

16 mm x 22 mm x 45 mm;
5/8" x 7/8" x 1-3/4"

PRODUCT NAME:

- Monkey Diet (5038)
- High Protein Monkey Diet (5045)
- Certified Primate Diet (5048)
- LabDiet® Fiber-Plus® Monkey Diet (5049)



MINI BISCUIT

TARGETED BISCUIT DIMENSION:

6 mm x 6 mm x 25 mm;
1/4" x 1/4" x 1"

PRODUCT NAME:

- New World Primate Diet (5040)



PEANUT BISCUIT

TARGETED BISCUIT DIMENSION:

50 mm x 25 mm x 31 mm;
2" x 1" x 1-1/4"

PRODUCT NAME:

- Certified Hi-Fiber Monkey Diet (5K91)
- Old World Primate w/ DentaGuard (5LG1)



JUMBO BISCUIT

TARGETED BISCUIT DIMENSION:

45 mm x 25 mm x 25 mm;
1-3/4" x 1-1/2" x 1-1/2"

PRODUCT NAME:

- Monkey Diet (5037)
- High Protein Monkey Diet (5047)
- LabDiet® Fiber-Plus® Monkey Diet (5050)
- Fiber-Balanced Monkey Diet (5000)



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FEEDING RECOMMENDATIONS



Feed diet at 2-4% of animal's body weight, depending on physiological state: growing, adult/maintenance, reproduction, or lactation.



Using average biscuit weight to determine the number of biscuits that make up the animal's daily ration is a historical and still common method for feeding non-human primates. While efficient from a husbandry perspective, the delivered nutrition can be variable. Biscuits are comprised of natural ingredients that respond differently to environmental factors during manufacturing, therefore individual biscuits are not precise in size or weight.

DID YOU KNOW?



- LabDiet® products are manufactured using highest quality natural ingredients along with vitamins and minerals from approved suppliers.
- LabDiet® NHP biscuits are manufactured in a FSSC 22000 Certified facility which is the highest standard of quality in both human food and animal feed industries.
- LabDiet® NHP biscuits provide complete nutrition so supplementation is not necessary. Dietary enrichment, such as fruits and vegetables, can be provided as desired. All NHP diets are supplemented with vitamin D and stabilized vitamin C.

INTERESTING FACTS



- Non-human primate biscuits are created by extrusion, a manufacturing process used widely in the human food and animal feed industries for making cereals, snack foods, and pet foods.
- Why extrude? During extrusion, heat generated from steam, pressure, and mechanical shear cook gelatinizes starches in the grain. This step in the process is called "conditioning" which increases both palatability and digestibility of the finished product. Species that benefit the most from extruded diets include non-human primates, dogs, and cats.
- Finished product evaluation includes measuring bushel weight to ensure that the targeted final weight of the bag is met.

HOW DO BISCUITS GET THEIR SHAPE?



- The shape of a biscuit is determined by the die the diet is pushed through. When exiting the die, rotating knives cut the diet at a pre-designated length.
- The biscuit exits the die at 200-250°F (93-121°C) and is exposed to ambient air. The sudden change in temperature forces a rapid escape of trapped steam. This super-cooling effect causes the product to expand or "puff", giving the biscuit its porous look and low density.
- Ambient temperature and humidity at the manufacturing plant vary with seasonal changes. This, in turn, has direct influence on biscuit size and density.

For more information, visit:
www.LabDiet.com

LabDiet®
Your work is worth it.®