

SOP #: 306.02Title: SOP - Animal Diet

Approvals: _____

Attending Veterinarian _____

Date: 07/11/20191. Purpose

1.1 This SOP applies to the proper ordering, handling, and storage of laboratory animal feed to minimize the risk of introducing diseases, parasites, and chemical contaminants into laboratory animal colonies.

2. Responsibility

2.1 ACF Personnel

3. Definitions

3.1 ACF - Animal Care Facility

3.2 Feed = palatable, non-contaminated, and nutritionally adequate animal food, appropriate to study protocol.

4. Guidelines

4.1 The Animal facility manager or designate shall order and maintain adequate feed supplies appropriate for the type and number of animals housed in the facility at any given time.

4.2 The delivery of feed supplies received at FIU shall be recorded in the Facility Logbook. The following information shall be recorded:

4.2.1 Name of vendor.

4.2.2 Feed type.

4.2.3 Amount received.

- 4.2.4 Certificate of analysis (if provided).
- 4.2.5 Batch/Lot number and/or mill date.
- 4.2.6 Receipt date.
- 4.2.7 Expiration date.
- 4.3 All feed bags shall be examined for damage prior to placement in the designated feed storage area.
- 4.4 The receipt date shall be recorded in bold numbers with a permanent marker or a date stamp on each bag of feed product received.
- 4.5 Feed supplies shall be stored in the cold room that is completely separate from all animal access and chemical storage. This area shall be dry and secure. Non-chemical methods of pest control may be used.
- 4.6 Opened bags of food should be stored in vermin-proof containers to minimize contamination and avoid spread of disease agents.
- 4.7 Feed supplies shall be grouped by feed type and shall be arranged by receipt date. The feed supplies that were received first, shall be used first.
- 4.8 Any spoiled or expired feed shall be discarded immediately.
- 4.9 Natural-ingredient diets should be stored at less than 21°C (70°F) and below 50% RH.
- 4.10 **Feed supplies expire six (6) months after milling date.**
- 4.11 Feed expiration date shall be recorded in bold numbers with a permanent marker or a date stamp on each bag of feed product received.
- 4.12 Rats and mice are fed an appropriate diet ad lib, unless otherwise required, but not more than can be consumed in a week's time.
 - 4.12.1 Mice on average will consume: 4-5 grams per day
 - 4.12.2 Rats on average will consume: 12-25 grams per day

5. References

- 5.1 Guide for the Care and Use of Laboratory Animals 8th Edition (NRC 2011)