



Inspection Report

The University of Arizona
1501 N. Campbell Ave., Room 1126
PO Box 245092
Tucson, AZ 85724

Customer ID: **1044**
Certificate: **86-R-0003**
Site: 001
The University of Arizona Animal
Care

Type: ROUTINE INSPECTION
Date: 03-MAR-2022

2.32(c)(1)(ii) Critical

Personnel qualifications.

***On September 10, 2021 three 6-month old juvenile sheep (1 female and 2 males) died after the Animal Care Manager administered an incorrect levamisole dose causing an acute levamisole toxicity. These three juvenile sheep, assigned to a USDA-regulated IACUC protocol, were diagnosed via fecal floatation with gastrointestinal parasites. Under veterinary direction, the herd Animal Care Manager administered levamisole and other medications. The Animal Care Manager contacted a veterinarian immediately after observing muscle tremors, a clinical sign of possible toxicity, however all three juvenile sheep died approximately 30-60 minutes after the levamisole was administered.

The facility promptly reviewed all treatments and doses and determined the Animal Care Manager was supposed to administer the recommended volume of 15mls of diluted "Standard Drench Solution" (1/2 fluid oz/50lbs) but had instead prepared and gave 15mls of the "Concentrated Drench Solution" (2mls per 50lbs). This error resulted in the Animal Care Manager administering 15mls of concentrated drench instead of 2mls causing an acute levamisole toxicity and death.

***On October 27, 2021 a female Mexican free-tailed bat escaped from a research staff member's hand while it was being hand fed. While trying to locate the bat on the floor, the staff member moved a large shelving unit on wheels and injured the bat. The bat was euthanized immediately due to the injuries it sustained.

Prepared By: NAOMI SISMOUR
USDA, APHIS, Animal Care
Title: VETERINARY MEDICAL OFFICER

Date:
08-MAR-2022

Received by Title: Facility Representative

Date:
08-MAR-2022



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Inadequate training in the proper handling and care of animals can lead to injuries or death. The research facility must ensure that all personnel with direct animal contact are qualified and properly trained in the handling and care for the various species of animals used by the facility. It is the responsibility of the research facility to provide continued training and instruction to all personnel with sufficient frequency to fulfill the research facility's responsibility and maintain the health and well-being of the animals.

Corrections had been instituted prior to the inspection by retraining all protocol personnel with animal care responsibilities on handling and protocol techniques.

This inspection and exit interview were conducted with the facility representatives.

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USDA, APHIS, Animal Care

Date:
08-MAR-2022

Title: VETERINARY MEDICAL
OFFICER

Received by Title: Facility Representative

Date:
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Species Inspected

| Cust No | Cert No | Site | Site Name | Inspection |
|---------|-----------|------|---------------------------------------|-------------|
| 1044 | 86-R-0003 | 001 | The University of Arizona Animal Care | 03-MAR-2022 |

| Count | Scientific Name | Common Name |
|--------|------------------------------|--|
| 000012 | <i>Macaca mulatta</i> | RHESUS MACAQUE |
| 000003 | <i>Sus scrofa domestica</i> | DOMESTIC PIG / POTBELLY PIG / MICRO PIG |
| 000066 | <i>Ovis aries aries</i> | SHEEP INCLUDING ALL DOMESTIC BREEDS |
| 000038 | <i>Oryctolagus cuniculus</i> | DOMESTIC RABBIT / EUROPEAN RABBIT |
| 000001 | <i>Equus asinus asinus</i> | DONKEY / BURRO / ASS |
| 000007 | <i>Bos taurus</i> | CATTLE / COW / OX / WATUSI |
| 000036 | <i>Equus caballus</i> | DOMESTIC HORSE |
| 000010 | <i>Eptesicus fuscus</i> | BIG BROWN BAT |
| 000021 | <i>Tadarida brasiliensis</i> | BRAZILIAN FREE-TAILED BAT |
| 000194 | Total | |