



Inspection Report

BROWN UNIVERSITY
Box G-B 222
PROVIDENCE, RI 02912

Customer ID: **267**
Certificate: **15-R-0003**
Site: 001
BROWN UNIVERSITY

Type: ROUTINE INSPECTION
Date: 12-JUL-2023

2.38(f)(1) Critical

Miscellaneous.

In December 2022, two bats died following the administration of injectable anesthesia by laboratory staff for a research procedure in IACUC approved protocol 22-10-3; veterinary staff were contacted by the laboratory. The Attending Veterinarian determined from the review of the anesthetic drug withdrawal procedure and the anesthetic dose calculations performed by the laboratory staff, that the dose of anesthetic administered to the bats by the laboratory staff was higher than in the approved protocol and the bats died from an overdose of the anesthetic agent.

Per this Section, the handling of animals by all personnel, including laboratory research staff, should be done as carefully as possible in a manner that does not cause physical harm, behavioral stress, or unnecessary discomfort. The failure of the laboratory staff to accurately calculate and prepare the dose of the anesthetic agent prior to administration of the medication to the bats resulted in an overdose and the death of the two animals.

The Attending Veterinarian and research facility acted promptly to address this incident by investigating and implementing corrective actions to prevent future incidents. Corrective actions included but were not limited to refresher training of the laboratory staff on drug calculation and administration with the veterinary staff, and the veterinary staff will review all drug calculations with the laboratory staff prior to administration to the animals. There have not been any additional incidents after the implementation of these corrective actions.

This item was corrected by the research facility prior to the inspection.

This inspection was conducted with facility representatives on 7/12/23 and 7/13/23, and the exit briefing was held with facility representatives on 7/13/23.

END OF REPORT

Prepared By: PAULA GLADUE
USDA, APHIS, Animal Care
Title: VETERINARY MEDICAL
OFFICER

Date:
13-JUL-2023

Received by Title: Facility Representative

Date:
13-JUL-2023



Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
267	15-R-0003	001	BROWN UNIVERSITY	12-JUL-2023

Count	Scientific Name	Common Name
000001	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000019	<i>Macaca mulatta</i>	RHESUS MACAQUE
000004	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000021	<i>Eptesicus fuscus</i>	BIG BROWN BAT
000000	<i>Artibeus jamaicensis</i>	JAMAICAN FRUIT-EATING BAT / JAMAICAN FRUIT BAT
000045	Total	