



Inspection Report

Zoological Society of Philadelphia
3400 West Girard Avenue
Philadelphia, PA 19104

Customer ID: **2233**

Certificate: **23-C-0004**

Site: 0001

ZOOLOGICAL SOCIETY OF
PHILADELPHIA

Type: ROUTINE INSPECTION

Date: 12-JUL-2023

3.132 Critical

Employees.

The facility reported that on 6/1/2023, an error in mixing and application of Nyanzol-D, an agricultural dye used for identification purposes, occurred with five adult meerkats (2 males and 3 females), resulting in their deaths. Three of the five meerkats were placed in squeeze cages and had dye applied to their haircoats while awake. After a few minutes, the animals were released from their squeeze cages. Approximately 30 minutes following application of the dye, one meerkat who had not had any dye applied to its' haircoat was found dead in the enclosure. The four other meerkats started showing signs of illness shortly afterward and were transported to the veterinary hospital building. Under anesthesia, they received gastric lavage and supportive care. On 6/2/2023, two of the meerkats were found dead in the morning and one passed away that evening despite veterinary intervention. The fifth meerkat was returned to its' primary enclosure in stable condition on 6/5/2023 but began to decline the following week and ended up being euthanized on 6/12/2023. The necropsy results were consistent with acute toxicity associated with dye (Nyanzol-D) ingestion. The facility investigated the incident and concluded the employee had not been adequately trained in the use of the dye, had not mixed the dye to the appropriate consistency, failed to remove the excess from the haircoat, and there had been insufficient communication between the curator and employee. Corrective actions were to cease usage of the dye, utilize other methods for identifying animals, and implement additional education and training procedures for employees. Employees who are not adequately trained and/or supervised may improperly care for animals. The licensee must ensure that all employees are adequately trained and/or supervised to maintain the professionally acceptable level of husbandry practices set forth in this subpart. Corrective actions have been implemented at the time of the inspection.

This inspection and exit interview were conducted with facility representatives.

Prepared By: KIRA WAGNER

USDA, APHIS, Animal Care

Date:

14-JUL-2023

Title: VETERINARY MEDICAL
OFFICER

Received by Title: Attending Veterinarian

Date:

14-JUL-2023



Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
2233	23-C-0004	0001	ZOOLOGICAL SOCIETY OF PHILADELPHIA	12-JUL-2023

Count	Scientific Name	Common Name
000002	<i>Sekeetamys calurus</i>	BUSHY-TAILED JIRD
000008	<i>Cavia porcellus</i>	DOMESTIC GUINEA PIG
000002	<i>Callithrix geoffroyi</i>	WHITE-FRONTED MARMOSET
000004	<i>Leontopithecus rosalia</i>	GOLDEN LION TAMARIN
000004	<i>Saguinus bicolor</i>	BARE-FACED TAMARIN
000002	<i>Galago moholi</i>	SENEGAL BUSHBABY
000002	<i>Nycticebus pygmaeus</i>	PYGMY SLOW LORIS
000002	<i>Callicebus donacophilus</i>	REED TITI
000003	<i>Pithecia pithecia</i>	WHITE-FACED SAKI
000004	<i>Daubentonia madagascariensis</i>	AYE-AYE
000005	<i>Eulemur mongoz</i>	MONGOOSE LEMUR
000005	<i>Colobus guereza</i>	EASTERN BLACK-AND-WHITE COLOBUS / GUEREZA
000005	<i>Trachypithecus francoisi</i>	FRANCOIS'S LANGUR
000002	<i>Varecia variegata</i>	BLACK-AND-WHITE RUFFED LEMUR
000003	<i>Ateles fusciceps</i>	BROWN-HEADED SPIDER MONKEY
000005	<i>Gorilla gorilla</i>	WESTERN GORILLA
000004	<i>Hylobates lar</i>	LAR GIBBON
000026	<i>Capra hircus</i>	DOMESTIC GOAT
000004	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000002	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000002	<i>Acinonyx jubatus</i>	CHEETAH
000001	<i>Panthera onca</i>	JAGUAR
000002	<i>Panthera pardus</i>	LEOPARD
000001	<i>Uncia uncia</i>	SNOW LEOPARD
000002	<i>Panthera leo</i>	LION
000003	<i>Panthera tigris</i>	TIGER
000040	<i>Heterocephalus glaber</i>	NAKED MOLE-RAT
000001	<i>Octodon degus</i>	DEGU
000001	<i>Coendou prehensilis</i>	PREHENSILE-TAILED PORCUPINE
000001	<i>Erethizon dorsatum</i>	NORTH AMERICAN PORCUPINE
000020	<i>Micromys minutus</i>	EURASIAN HARVEST MOUSE
000003	<i>Equus quagga</i>	BURCHELL'S / GRANT'S / CHAPMAN'S / PLAINS ZEBRA
000002	<i>Potamochoerus porcus</i>	RED RIVER HOG
000004	<i>Lama pacos</i>	ALPACA
000004	<i>Melursus ursinus</i>	SLOTH BEAR
000001	<i>Tremarctos ornatus</i>	SPECTACLED BEAR
000001	<i>Dasypus novemcinctus</i>	NINE-BANDED ARMADILLO
000001	<i>Tolypeutes matacus</i>	SOUTHERN THREE-BANDED ARMADILLO
000032	<i>Desmodus rotundus</i>	COMMON VAMPIRE BAT
000075	<i>Pteropus rodricensis</i>	RODRIGUES FLYING FOX
000003	<i>Giraffa camelopardalis</i>	GIRAFFE
000002	<i>Hippopotamus amphibius</i>	HIPPOPOTAMUS
000005	<i>Osphranter rufus</i>	RED KANGAROO
000003	<i>Pteronura brasiliensis</i>	GIANT OTTER
000003	<i>Ailurus fulgens</i>	RED PANDA
000001	<i>Ceratotherium simum</i>	WHITE RHINOCEROS
000005	<i>Rhynchocyon petersi</i>	BLACK-AND-RUFOUS ELEPHANT SHREW
000002	<i>Choloepus hoffmanni</i>	HOFFMANN'S TWO-TOED SLOTH
000002	<i>Pongo abelii</i>	SUMATRAN ORANGUTAN



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2233	23-C-0004	0001	ZOOLOGICAL SOCIETY OF PHILADELPHIA	12-JUL-2023
000002	<i>Fukomys damarensis</i>		DAMARA / DAMARALAND MOLE-RAT / DAMARALAND BLES MOL	
000002	<i>Propithecus coquereli</i>		COQUEREL'S SIFAKA	
000005	<i>Lemur catta</i>		RING-TAILED LEMUR	
000001	<i>Hypogeomys antimena</i>		VOTSOVOTSA	
000002	<i>Sus scrofa domestica</i>		DOMESTIC PIG / POTBELLY PIG / MICRO PIG	
000003	<i>Bos taurus</i>		CATTLE / COW / OX / WATUSI	
000002	<i>Cercopithecus ascanius</i>		RED-TAILED MONKEY	
000002	<i>Puma concolor</i>		PUMA / MOUNTAIN LION / COUGAR	
000000	<i>Suricata suricatta</i>		SLENDER-TAILED MEERKAT	
000336	Total			