it displays a valid OMB cor collection is estimated to a	ntrol number. The valid OM		ation collection is	s 0579-0036.	The time required to c		OMB APPROVED 0579-0036
	his report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist Interagency Report Control No. 0180-DOA-AN No. 0180-DOA-AN					Fiscal Year: 2019	
UNITED STATES DEPARTMENT OF AGRICULTURE			REGISTRATION NUMBER: 63-R-0128				
ANIMAL AND PLANT HEALTH INSPECTION SERVICE ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				Customer Number: 334369			
				2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code) TURKEY CREEK BIOTECHNOLOGY LLC 111 RIVERWOOD DR FRANKLIN, TN 37069 Telephone: (615) 305-7149			
REPORT OF ANIMALS U	SED BY OR UNDER CONT	ROL OF RESEARCH FACILIT	Y (Attach additio	onal sheets if i	necessary or use APHI	S FORM 7023A.)	
Α.	В.	C.	D. Number of a	nimals	E. Number of animals	s upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.		conducted involving a to the animals and fo anesthetic, analgesic have adversely affect interpretation of the t experiments, surgery the procedures produ	, or tests. (An explanation of icing pain or distress on these ons such drugs were not used	TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
4 Dogs	0	0	0		0		0
5 Cats	0	0	0		0		0
6 Guinea Pigs	0	0	0		0		0
7 Hamsters	0	0	0		0		0
8 Rabbits	0	0	0		0		0
9 Non-Human Primates	0	0	0		0		0
10 Sheep	0	0	0		0		0
11 Pigs	0	0	0		0		0
12 Other Animals	9	0	5		0		5
Alpaca	9	0	5		0		5

## ASSURANCE STATEMENTS

1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2.) Each principal investigator has considered alternatives to painful procedures.

3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

use.		
(Chief Exec Institu	IFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL <i>urtive Officer (C.E.O.) or Legally Responsible</i> <i>trional Official (I.O.))</i> I certify that the above is true, t, and complete (7 U.S.C. Section 2143).	
		DATE SIGNED
		07-NOV-2019