sinter etates ofpartment of Aureculture Armal and Plant Health Merection Service

1. REGISTRATION NO. 14-R-0142

FDRM APPROVED DMB NO. 0579-0036

2. HEADQUARTERS RESEARCH PACILITY (Martie and Address, as registered with USDA, include Zio Code)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

amendment of 10/12/99 report

Aquila Biopharmaceuticals, Inc. 175 Crossing Blvd. Framingham, MA 01702-4473

3. REPORTING FACILITY (List & sheets if encouragy.)	of locations where anumals were boused or used in actual presonch, testing, backing,	or esperimentation, or held for these purposes. Assach adm	بدووان

FACILITY LOCATIONS /CHAN Aquila Biopharmaceuticals, Inc. 175 Crossing Blvd., Framingham, MA 01702 REPORT OF AMMALS USED BY OR UNDER CONTROL OF REFEARCH FACILITY (ARBED AMMENIA) IMPORT IN FOCUSION OF APPRES FORM 7072A) E. Number of animals upon which resource, experiments, research, surgery or lests were consucted levelying accompanying pain or distribu-B. MURDET OF animals being MUNICIPAL SERVING TO INCHINA Nodu startes which appendents, Aminals Covered By The Animal bud. which leading, leaching, restorch. mationed, pr In the posteria and for which the use of appropriate undefinitio, analysis, or tranquilling drugs would have downsely affected the procedures, results, or resudreh, turgery, or lexis were conducted unfulring hold les sue TOTAL NC Wellars Regulations wipwindels, or leaching, lesting, experiments, experiments, OF AWMAN accompanying point or CONCUE unterpretation of the lengting, temperch, lesions, experiments, surgery, or lesis. Are explanation of the measures oraducing and pain, distress, or use of painand for which appropriate surgery but not yet seed to such (Cuis C menthering analysis, or transmilling drugs were the measures producing peri or divines in these solmers and the reasons such drugs were not used must be alterned to this report). purposes. relieving drugs 4. Dogs 5. Cats 120 24 0 6. Gunea Pigs 145 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Shacp 11. Pics 12. Other Fann Animals 13. Other Animals

1) Frolesamoly acceptable standards governing the core, trebment, and use of granids, residing approvals are of constitute, energiase, and transplacing drags, pror 10, changes and habour a actual research teactify.

7). Buth principal averagator has completed alteratives to postel precedure.

3) This tilesty is athering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explicited by the present are approved by the brainfitted Annual Care and Use Cumming (IACLC). A summary of all such asceptions is affected to take annual report, or stabilize to specifying the IACLIC-approved assessments, this mathrapy includes a tirrel explicitation of the scopiums, at well as the species and number of annuals affected.

4) The attention retainment to the resconditionally that apparations and business for the contrast of management o

Sundres cred and mid	animals and in ordinate and processing of agent at the state of					
CERTIFICATION BY HEADQUARTED RESEARCH FACILITY OFFICIAL.  (Chief Executive Officer or Leguily Responsible Institutional Official)  (Complete that the statement of the content of the complete of the content of the con						
SIGNATURE OF PLO. OR INSTITUTIONAL O	FICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (FILM OF PIME)	0ATE SIGNED 6-19-200			

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (OCT 88), which is abusined

TOTAL P.02

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

## 1. REGISTRATION NO. 14-R-0143 14R 0143

FORM APPROVED OMB NO. 0579-0036

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)
 Vertex Pharmaceuticals, Inc.

130 Waverly Street

16 Divinity Ave

Cambridge, MA 02139 Status: Active DEC 01 1999

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

"See Attached

345 Vassar Street Cambridge, MA

130 Waverly Street, Cambridge, MA

No animals were housed this year in our facilities.

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or franquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs			,		
5. Cats					
6. Guinea Pigs	0	0	0	0	0
7. Hamsters					
8. Rabbits				-	
9. Non-human Primates	·				
10. Sheep					
11. Pigs			i		
12. Other Farm Animals					
			·		
13. Other Animals					
·			_		

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate 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 provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

\L \Chief Executive Of	HEADQUARTES RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official) above is true, correct, and complete (7 USC Section 2143)	
SIGNATURE OF C.E.O.	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 11/29/99
APHIS FORM 23 (A ces VS FORM 18-23 (OCT 88),	(b)(b)(7)((')) which is obsolete)	