

<p>UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE</p> <p>ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)</p>	<p>1. CERTIFICATE NUMBER: 50-R-0003 CUSTOMER NUMBER: 27</p>	<p>FORM APPROVED OAS NO. 0579-0039</p>
<p>Intervet Inc 29160 Intervet Lane Po Box 318 Millsboro, DE 19966</p> <p>Telephone: (b)(2)High, (b)(7)f</p>		

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

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal 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, 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.	E. Number of animals upon which teaching, 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 tranquilizing drugs would have adversely affected the procedures, results or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		182	28	36	246
5. Cats		266	62		328
6. Guinea Pigs	23	900	1191	1068	4173
7. Hamsters		260	60	246	566
8. Rabbits	19	11	1014	942	1967
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbils				60	60

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, 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 if has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an 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.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Locally Responsible Institutional Official)**

<p>(b)(6), (b)(7)c</p>	<p>DATE SIGNED 4/23/09</p>
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Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientist.

- 1 Registration Number 50-R-0003
- 2 Number 36 of animals used in this study.
- 3 Species (common name) Dogs of animals used in this study
- 4 Explain the procedure producing pain and/or distress

All dogs were (b)(4) with a (b)(4) for the basis of determining (b)(4)

- 5 Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results (For Federally mandated testing, see Item 6 below)

Clinical signs, as observed following (b)(4) are the basis for comparing (b)(4) Therefore animals did not receive treatment for clinical signs. Typical clinical signs observed include (b)(4)

- 6 What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g. APHIS 9CFR 113.102)

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- 1 Registration Number 50-R-0003
- 2 Number 1068 of animals used in this study
- 3 Species (common name) guinea pig of animals used in this study
- 4 Explain the procedure producing pain and/or distress

These animals were used for Codified (b)(4) for the product release testing of all Intervet (b)(4) containing products

Per (b)(4) the guinea pigs used for (b)(4) are (b)(4) with (b)(4) and observed for 3 days (b)(4) and all (b)(4) are recorded. The (b)(4) causes (b)(4) lesions which cause distress.

Per (b)(4) the guinea pigs used for (b)(4) are (b)(4) with (b)(4) and observed for 3 days (b)(4) and all (b)(4) are recorded. The (b)(4) causes (b)(4) lesions which cause distress.

In both instances, per code, (b)(4) is the endpoint.

- 5 Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results (For Federally mandated testing, see Item 6 below)

(b)(4) is the end-point. Any intervention must be pre-approved by USDA/APHIS/VS/CVB as written in the filed (b)(4) (b)(4) Currently, no intervention criteria are written into these procedures.

- 6 What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g. APHIS, 9 CFR, 113.102)

Agency USDA/APHIS/VS/CVB (b)(4)

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- 1 Registration Number 50-R-0003
- 2 Number 60 of animals used in this study
- 3 Species (common name) hamster of animals used in this study
- 4 Explain the procedure producing pain and/or distress

These animals were used for a (b)(4) (b)(4) to be used in a proprietary (b)(4) testing for the (b)(4) (b)(4) of Intervet's Code (b)(4)

The procedure for the work involves the hamsters receiving an injection (b)(4) which in and of itself is not considered painful, however, the hamsters develop disease and (b)(4) which does lead to pain and distress.

- 5 Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results (For Federally mandated testing, see Item 6 below)

(b)(4) is the endpoint. In 1992, (b)(4) studies were correlated to the hamster model (b)(4) in order to never have to (b)(4) again. The hamster model was used again in 1997 and 2002 and 2007.

- 6 What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g. APHIS, 9 CFR, 113.102)

Agency USDA/APHIS/VS/CVB (b)(4)
 (b)(4)

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- 1 Registration Number 50-R-0003
- 2 Number 186 of animals used in this study
- 3 Species (common name) Hamsters of animals used in this study
- 4 Explain the procedure producing pain and/or distress

These animals were used for (b)(4) and were (b)(4) with (b)(4)

Per (b)(4) the hamsters used for (b)(4) are to be (b)(4) with (b)(4)

Per code, (b)(4) is the endpoint.

- 5 Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results (For Federally mandated testing, see Item 6 below)

(b)(4) is the end-point. (b)(4) occurs within 28/48 hours following the onset of symptoms. Due to the fact that (b)(4) is the required endpoint, there are no procedures available to limit discomfort, distress and pain during the (b)(4) period.

- 6 What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g. APHIS, 9 CFR, 113.102)

Agency (b)(4)

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- 1 Registration Number 50-R-0003
- 2 Number 942 of animals used in this study
- 3 Species (common name) rabbits of animals used in this study

4 Explain the procedure producing pain and/or distress

These animals were used for a proprietary (b)(4) testing for the (b)(4) (b)(4) of all Intervet (b)(4) containing products

Per our (b)(4), the rabbits are used in a (b)(4) (b)(4) study. The rabbits are used for (b)(4) are (b)(4) for (b)(4) (b)(4) and observed for 3 days (b)(4) (b)(4) and all (b)(4) are recorded. The (b)(4) causes (b)(4) lesions which cause distress. The validity requirement for this test is (b)(4)

5 Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results (For Federally mandated testing, see Item 6 below)

(b)(4) is the end-point parameter measured with this approved (b)(4) test. Any intervention must be pre-approved by USDA/APHIS/VS/CVB as would be written in the filed (b)(4) Currently, no intervention criteria are written into these procedures.

6 What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g. APHIS, 9 CFR, 113.102)

Agency USDA/APHIS/VS/CVB (b)(4)
(b)(4)

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- 1 Registration Number 50-R-0003
- 2 Number 30 of animals used in this study
- 3 Species (common name) Gerbils of animals used in this study
- 4 Explain the procedure producing pain and/or distress

These animals were used for (b)(4) and were (b)(4) with (b)(4)

Per (b)(4) the hamsters used for (b)(4) are to be (b)(4) with (b)(4)

Per code, (b)(4) is the endpoint.

- 5 Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results (For Federally mandated testing, see Item 6 below)

(b)(4) is the end-point. (b)(4) occurs within 28/48 hours following the onset of symptoms. Due to the fact that (b)(4) is the required endpoint, there are no procedures available to limit discomfort, distress and pain during the (b)(4) period.

- 6 What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g. APHIS, 9 CFR, 113.102)

Agency (b)(4)