ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY *(Name and Address, as registered with USDA, include Zip Code)*

ALZA CORPORATION
1900 CHARLESTON ROAD, M3B-281
MOUNTAIN VIEW, CA 94043
(b)(2)High, (b)(7)(F)

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*(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 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, 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 reasons such drugs were not used must be attached to this report)*	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		65	2	13	80
5. Cats					Ø
6. Guinea Pigs		3	4	91	98
7. Hamsters					Ø
8. Rabbits		79	6	12	97
9. Non-Human Primates					Ø
10. Sheep					Ø
11. Pigs			4		4
12. Other Farm Animals					Ø
13. Other Animals					Ø

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 the 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 Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E [redacted] rint)	DATE SIGNED

(b)(6), (b)(7)(c)

APHIS FORM 7023
(AUG 91)

PART 1 - HEADQUARTERS

DEC 17 2007

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 scientists.

1. Registration Number: 93-R-0056

2. Number 13 of animals used in this study.

3. Species (common name) DOGS of animals used in the study.

4. Explain the procedure producing pain and/or distress.

THE DOGS ARE ADMINISTERED ESCALATING DOSES OF NOVEL COMPOUNDS AND OBSERVED FOR TOXICOLOGICAL EFFECTS. A DOSE IS CHOSEN AND THE COMPOUND IS ADMINISTERED OVER A PERIOD OF FIVE DAYS AFTER WHICH THE ANIMALS ARE GIVEN A LETHAL DOSE OF EUTHANASIA SOLUTION AND ORGANS HARVESTED.

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)

THE COMPOUNDS TESTED / ADMINISTERED TO THE DOGS ARE ALL NOVEL, AND THEREFORE, COULD NOT BE GIVEN ALONGSIDE ANALGESICS OR ANESTHETICS SINCE A MEANINGFUL CONCLUSION WILL NOT BE ACHIEVED.

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 N/A CFR N/A

Column E Explanation

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1. Registration Number: 93-R-0056

2. Number 91 of animals used in this study.

3. Species (common name) GUINEA PIGS of animals used in the study.

4. Explain the procedure producing pain and/or distress.

THE PROCEDURE CALLS FOR THE PRODUCTION OF WOUNDS (CUTANEOUS) BY THE USE OF BIOPSY PUNCHES (8 mm). THE GUINE PIGS ARE INITIALLY ANESTHETIZED UNDER ISOFLURANE TO CREATE THE WOUNDS BUT NO OTHER MEDICATION ADMINISTERED THROUGHOUT THE HEALING PROCESS. TEMPORAL HEALING IS COMPARED WITH WOUND HEALING WITH THE AID OF ELECTRICAL STIMULATION.

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)

THE TECHNIQUE OF WOUND HEALING WITH THE AID OF ELECTRICAL STIMULATION IS NOVEL AND THEREFORE, THE USE OF ANESTHETICS OR ANALGESIC WOULD INTERFERE WITH THE INTERPRETATION OF RESULTS.

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 N/A CFR N/A

MAY

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 scientists.

1. Registration Number: 93-R-0056

2. Number 12 of animals used in this study.

3. Species (common name) RABBITS of animals used in the study.

4. Explain the procedure producing pain and/or distress.

THE RABBITS ARE DECAPITATED WITH THE USE OF GUILLOTINE. THE CHEST CAVITY IS OPENED AND THE HEART REMOVED FOR USE IN THE LANGENDORFF HANGING HEART MODEL.

THE INVESTIGATOR HAS BEEN PREVIOUSLY TRAINED IN THE DECAPITATION METHOD AND HAS SHOWN PROFICIENCY IN SUCH A MANNER THAT THE ENTIRE PROCEDURE OFFER THE LEAST AMOUNT OF STRESS AND PAIN TO THE ANIMAL.

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)

THE COMPOUNDS TO BE TESTED ON THIS ANIMAL MODEL ARE NOVEL AND THEREFORE, THE USE OF ANY ANESTHETICS PRIOR TO THE HARVEST OF THE ORGAN WOULD INTERFERE WITH THE INTERPRETATION OF RESULTS.

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 N/A CFR N/A

MAY