e reverse side for additional information 0180-DOA-AN

UNITED STATES DEPARTMENT C ANIMAL AND PLANT HEALTH INSI SICUL TURE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

ON SERVICE

51-F-0005 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Codel

JL S.ARMY Center for Health Promotion and Preventive Medicine / Toxicology Division 5158 Blackhawk Rd.
ADG, MD 21010-5422

CONTINUATION SHEET FOR A PROPERTY OF RESEARCH FACILITY

(TYPE OR PRINT, NOV 0 2 1999

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF REGIRCH FACILITY (Atlach adiditional sheets if necessary or use this form) E. Number of animals upon which leaching. D. Number of animals upon B. Number of C Number of experiments, research, surgery or tests were which experiments, teaching, research, conducted involving accompanying pain or distress animals being noqu slamina which teaching. to the animals and for which the use of appropriate bred. **Animals Covered** TOTAL NO conditioned, or anesthetic, analgesic, or tranquilizing drugs would research. surgery, or tests were OF ANIMALS By The Animal experiments, or conducted involving held for use in have adversely affected the procedures, results, or Welfare Regulations interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of teaching, testing, tests were accompanying pain or experiments, conducted distress to the animals (Cols. C + D + E) research, ur and for which appropriate on praybyrni the procedures producing pain or distress in these pain, distress, or surgery but not animals and the reasons such drugs were not used anesthetic, analyesic, or yet used for such use of paintranquilizing drugs were must be attached to this report). 12 &/OR 13 Other relieving drugs. purposes. used. (List by species) 3 Hispid Cotton Rat

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analyesic, 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 spisces 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 HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

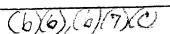
OF C.E.O. OF INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

991028





Optional Column E Explanation Form

•	
1. Registration Number	· ·
2. Number 22	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.
cholinesterase inhi intramuscular injec	gs were used to determine the relative toxicity of iting compounds. These animals were tested either by ion or by inhalation of a vapor or particulate material. s manner were placed in the unalleviated pain or distress
·	
	ication why pain and/or distress could not be
relieved. State methods o relief would interfere with	means used to determine that pain and/or distress test results. (For Federally mandated testing, see
question 6 below)	(2 of 2 odorany mandated tosting, 300
pain in the post-exp physiological effect may act as respirate compounds. External associated anxiety. studies and any subs	ics or tranquilizers could not be used for the relief of sure phase due to their ability to interfere with the sof the test article. Anesthetics, analgesics and tranquilizer y depressants and could potentiate the toxic action of test stimuli and manipulation were minimized to decrease any The Institutional Animal Care and Use Committee approved these quent protocol amendments. Experienced staff veterinarians for study conduct and any animal welfare concerns.
. What, if any, federal reg he Code of Federal Regula umber (e.g., APHIS, 9 C	lations require this procedure? Cite the agency, tions (CFR) title number and the specific section R 113.102):
gency	CFR