This report is required by law 17 USC 2143). Failure to report according to the regulations upon result in un order to coase and desist and to be subject to paralties as (neveded for in Socilor 2150).

See roverse side lor additional intermation. Interagency Raport Control N
0180-DOA-AN

United States Department of Agriculture Amimal and Plant Health Inspection Service

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO. 43-8-000 6

FORM APPROVED

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as invitational will the include Zip Code)
RALSTON PURINA COMPANY
900 CHECKER BOARD SQ.

ST. LOUIS, MO. 63164

3. REPORTING FACILITY (List uit locations where animals were housid or used in actual research, testing, treathing, or experimentation, or hold for those purposes. Affecti profiting of should if necogenty.)

FACILITY LOCATIONS (SIIOS) PET CARE CENTER REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY MIRCH ACTUALISM IN THE WASHINGTON OF THE FORM 1022A.) Number of E. Number of garmals upon which teaching. Number of D. Number of automits upon gainals being ລະກາກລຳ5 ບຸນບຸດ experiments, resulted, surgery or tests were which experiments. bred, Animals Covered which testining. to the minimals and far which the nee of abbichities conducted involving pecombarding train or distress leaching, research, surgery, or tosts were conditioned or By The Animal Welture Regulations resmarch. TOTAL NO hald for use in experiments, or ancethetic, analyseic, or tranquilizing drugs would anducied involving pain or OF ANIMAL leaching, lesting, hove advarsely afformed the procedures, results, or lesis were experiments. conducted interpretation of the seaching, research, distress to the ammals INSHAFUN, OF on gnivlavni experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these and for which appropriate (Cols. C D + E) surgery but not pain, distress, or anesihelic, analgusic, ur yet used for such use of painanimals and the reasons such drugs ware not used tranquitising drugs were rulioving drugs DUIDOSUS. must be attached to this reports. 482 Dogs Cáts Guinea Pigs Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of aminals, including appropriate use of anisotratic, analysisic, and tranquilizing drugs, prior to, during, and following actual research, teaching, leading, surgery, or experimentation were followed by the research facility.
- 2). Each principal investigator has considered afternatives to plantal procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has equipment that exceptions to the standards and regulations by specified and explained by the principal investigator and approved by the institutional Animal Case and Use Committee (IACAC). A summary of all such exceptions is attached to this similar report. In addition to identifying the IACAC-approved exceptions, this summary includes a bief expandation of the exceptions, as well as the species and number of entirely
- The attending voterinarian for this research tacility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of say bite gres furning

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

DATE SIGNED

I BYEVUVUE

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

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. 43-R-0008 CUSTOMER NO. 1444 FORM APPROVED OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

WASHINGTON UNIVERSITY

WASHINGTON PLYON

WASHINGTON PROVINCES BLYON

WA

WASHINGTON UNIVERSITY LINDELL & SKINKER BLVDS ST LOUIS, MO 63130

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)						
SITE1 ST LOUIS, MO 63130						

Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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.	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)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		4	175		179
5. Cats					
6. Guinea Pigs	54	189	121		310
7. Hamsters		161	244		405
8. Rabbits		93	253		346
9. Non-Human Primates	48	7	83		90
10. Sheep			96		96
11. Pigs		2	375		377
12. Other Farm Animals					
13. Other Animals					
Bat	75		26		26
Gerbil	3	145	95		240
Chinchilla	9		41		41

- 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.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		11/09/2001			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0008

include Zip Code)

CUSTOMER NO.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

WASHINGTON UNIVERSITY LINDELL & SKINKER BLVDS ST LOUIS, MO 63130

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use this form.)	
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)
Ferret			10		10
		1			
		, , , , , , , , , , , , , , , , , , ,			
ASSURANCE STATEMENTS	<del>I.,</del>	I,	L	<u> </u>	

- 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.F.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
	1	11/09/2001		

#### APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

43-R-0008

Customer Number:

1444

Facility:

WASHINGTON UNIVERSITY LINDELL & SKINKER BLVDS

ST LOUIS, MO 63130

Division of Comparative Medicine 4925 Children's Place St. Louis, MO 63110 Departments of Biology and Psychology One Brookings Drive St. Louis, MO 63130

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0009 CUSTOMER NO. 1399 FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

MIDWEST RESEARCH INST 425 VOLKER BLVD KANSAS CITY, MO 64110

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)

SITE1
KANSAS CITY, MO 64110

Α.	B. Number of	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A )  E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	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.	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	TOTAL NO. OF ANIMALS (Cols. C + D + E)
	purposes.	relieving drugs.	used.	must be attached to this report)	
4. Dogs	14	86	1		87
5. Cats		80			80
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates		**************************************			
10. Sheep					
11. Pigs			2		2
12. Other Farm Animals					
40. Other Asimple					
13. Other Animals					

- 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.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
		11/26/2001		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0012 CUSTOMER NO. 1495 FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

KIRKSVILLE COLL OSTEO MED.

KIRKSVILLE COLL OSTEO MED.

KIRKSVILLE COLL OSTEO MED 800 W JEFFERSON ST KIRKSVILLE, MO 63501

	FACILITY LOCATIONS(sites)	
SITE1 KIRKSVILLE, MO 63501		

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.	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			5		5
5. Cats	11		25		25
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	3	3			3
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
shrews	454		4550		4550
shrews	454		4550		4550

- 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.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
		11/08/2001		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0015 CUSTOMER NO. 1504 FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 ST JOHN'S MERCY MED CTR

ST JOHN'S MERCY MED CTR 615 S NEW BALLAS RD ST LOUIS, MO 63141

SITE1 ST LOUIS, MO 63141 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were Animais Covered bred, which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal Welfare Regulations conditioned or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS held for use in experiments, or conducted involving anesthetic analgesic, or tranquilizing drugs would teaching, testing, accompanying pain or have adversely affected the procedures, results, or (Cols. C+ tests were experiments, conducted distress to the animals interpretation of the teaching, research D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these surgery but not anesthetic, analgesic, or pain, distress, or yet used for such animals and the reasons such drugs were not used tranquilizing drugs were use of painnurposes relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs Hamsters Rabbits 2 2 9 Non-Human Primates 10. Sheep 10 11 Pigs 10 12. Other Farm Animals 13. Other Animals

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

FACILITY LOCATIONS(sites)

#### ASSURANCE STATEMENTS

Ferrets

sheets if necessary.)

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.

3

- 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.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) le above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	·	11/21/2001

3

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

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. 43-R-0029 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

MAPLE WOODS COMM COLL

MAPLE WOODS COMM COLL 2601 NE BARRY RD KANSAS CITY, MO 64156

		Г.	ACILITY LOCATIONS(sites)		
SITE1 KANSAS CITY, MO 64156					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	' (Attach additional sheets if neces	ssary 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			30		30
5. Cats			30		30
6. Guinea Pigs			26		26
7. Hamsters					
8. Rabbits			12		12
9. Non-Human Primates					
10. Sheep		5			5

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

FACULTS/ LOCATIONS/---

#### ASSURANCE STATEMENTS

11. Pigs

horses

12. Other Farm Animals

13. Other Animals

- 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.

6

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	<b>I</b>	10/22/2001

6

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0029

include Zip Code)

CUSTOMER NO. 1488

FORM APPROVED OMB NO. 0579-0036

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

MAPLE WOODS COMM COLL 2601 NE BARRY RD KANSAS CITY, MO 64156

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

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)
	8			8
	6			6
			11114	
	i P <u>arrian</u>			
	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.  animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	animals being bred, conditioned, or held for use in teaching, testing, experiments, conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	animals being bred, conditioned, or held for use in teaching, research, or teaching, testing, experiments, research, or surgery but not yet used for such purposes.  animals upon which 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, or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs were used.  which experiments, teaching, 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, surgery or tests were conducted involving and scompanying 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, 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, 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, research, experiments, research, or to the 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, the procedures and the reaching and the reaching and the reaching and the

- 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 th	e above is true, correct, and complete (7 U.S.C. Section 2143)			
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)		DATE SIGNED		
	1	10/22/2001		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0030 CUSTOMER NO. 1394

FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.

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

TRUMAN STATE UNIVERSITY SCIENCE DIVISION 262 SH KIRKSVILLE, MO 63501

SITE 1 KIRKSVILLE, MO 63501 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching, B. Number of C. Number of D. Number of animals upon animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered which teaching, teaching, research. conducted involving accompanying pain or distress TOTAL NO. By The Animal Welfare Regulations conditioned or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS held for use in anesthetic, analgesic, or tranquilizing drugs would experiments, or conducted involving teaching, testing, accompanying pain or have adversely affected the procedures, results, or (Cols. C+ tests were experiments conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no pain, distress, or and for which appropriate experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these surgery but not anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7 Hamsters 8. Rabbits 10 10 9. Non-Human Primates 10. Sheep 11. Pigs 12, Other Farm Animals 13. Other Animals

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

FACILITY LOCATIONS(sites)

- 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.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
		10/11/2001	

ASSURANCE STATEMENTS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. 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. 43-R-0050

CUSTOMER NO. 1358

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

ROYAL CANIN U.S.A. 5600 MEXICO RD STE 2 ST PETERS, MO 63376--166

		F,	ACILITY LOCATIONS(sites)		
SITE1 ROLLA, MO 65402					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary 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		82			82
5. Cats	9	31			31
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
40011041105 071371171					
ASSURANCE STATEMENTS	andards governing the	ra transment and use of	noimale, including annuaries	e of anesthetic analogsic and tranquilizing drugs prior to	al anima
ii ribiessionally acceptable sta	ariuatus uuvettiitiu (Ne cat	e. u eautient. and use of a	animais, including appropriate use	s or arrestnests. Anaidesic and tranquilizing office office to	CULING

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

- 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.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
	<u> </u>	11/26/2001	

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 43-R-0054 CUSTOMER NO. 1445 FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

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

NESTLE R & D CENTER, INC 3916 PETTIS RD ST JOSEPH, MO 64503

WESTERCO-FRISKIES R&D ST JOSEPH, MO 64503 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Number of Δ Number of D. Number of animals upon F Number of animals upon which teaching. animals being animals upon which experiments experiments, research, surgery or tests were Animals Covered bred which teaching, teaching, research. conducted involving accompanying pain or distress TOTAL NO. conditioned, or to the animals and for which the use of appropriate By The Animal research. surgery, or tests were OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cois. C+ experiments. interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of conducted distress to the animals D + Eresearch, or and for which appropriate involving no the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs used. must be attached to this report) 4. Dogs 249 249 674 5. Cats 674 6. Guinea Pigs 7. Hamsters 8 Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

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

FACILITY LOCATIONS(sites)

- 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.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
1	·	11/07/2001	

ASSURANCE STATEMENTS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

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. 43-R-0105 CUSTOMER NO. 1591 FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

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

MISSOURI WESTERN STATE COLLEGE 4525 DOWNS DR ST JOSEPH, MO 64507

SITE1 ST JOSEPH, MO 64507					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary 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					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

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

FACILITY LOCATIONS(sites)

- 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.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
1		11/16/2001	

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 43-R-0107 CUSTOMER NO. 1595 FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

CITE

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

LINCO RESEARCH INC 14 RESEARCH PARK DR ST CHARLES, MO 63304

ST CHARLES, MO 63123					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A )	
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					
5. Cats					
6. Guinea Pigs	6		27		27
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pígs					
12. Other Farm Animals					
13. Other Animals					
			1		1

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

FACILITY LOCATIONS(sites)

- 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.
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- 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.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
	1	11/23/2001	

ASSURANCE STATEMENTS

OMB NO. 0579-0036

REGISTRATION NO.

43-R-0002

CUSTOMER NO. 1518

0180-DOA-AN FORM APPROVED

# ANNUAL REPORT OF RESEARCH FACILITY

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

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

CELSIS LABORATORY GROUP, ST LOUIS, INC 6200 S LINDBERGH BLVD ST LOUIS, MO 63123

sheets if necessary.)	t all locations where animals were housed or used in actual research	h, testing, teaching, or experimentation, or held for these purposes. Attach additional
SITE1	FACILITY LOC	ATIONS(siles)
ST LOUIS, MO 63123		

Α.	8. Number of	C. Number of	D. M	essary or use APHIS FORM 7023A )	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	enimals 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 ANIMAL:  (Cols. C + D + E)
4. Dogs					·
5. Cats					
6. Guinea Pigs	58	451	2	1	454
7. Hamsters					
8. Rabbits	107	534	11	29	574
9. Non-Human Primates					
10. Sheep					
11. Pigs					-
12. Other Farm Animals					
3. Other Animals					
					<u> </u>
SSURANCE STATEMENTS					

- 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

Chief Executive (	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	····
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/11/2001

**APHIS FORM 7023** (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

#### APHIS Form 7023 Column E Explanation

43-R-0002

This form is intended as an aid to completing the APHIS Form 7023 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:

2/3.	/3. Species (common name) & Number of animals used in this study:		
	Guinea Pigs (1)	Rabbits (29)	
4.	Explain the procedure producing pain and/or distress.		
	Explanations for ?E? Pain Classification - USDA/APHIS ye	ar 10/00-9/01	
5.	Provide scientific justification why pain and/or distress could that pain and/or distress relief would interfere with test resu	d not be relieved. State methods or means used to determine lts. (For Federally mandated testing, see Item 6 below)	
	Explanations for ?E? Pain Classification - USDA/APHIS ye	ar 10/00-9/01	
6.	e the agency, the code of Federal Regulations (CFR) title R 113.102):		
	Agency:	CFR:	

- 1. Registration Number: 43-R-0002 / 1518
- 2/3. Species (common name) & Number of animals used in this study:

Guinea Pigs (1)

Rabbits (29)

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

Explanations for ?E? Pain Classification - USDA/APHIS year 10/00-9/01 During the USDA animal year of October 1, 2000 through September 30, 2001, 29 rabbits were used in tests causing pain or distress. Six rabbits were used in a Primary Eye Irritation study in which severe swelling of the tissue surrounding the eye resulted after only an hour of exposure. Since the pain relieving medication we had available has a relatively short effective period, we chose not to use it and instead rinsed out the test sample from the test eyes (with warm sterile saline) at the one hour time point, instead of the required 24 hour time point. The swelling had diminished considerably by 16 hours later and the rabbits did not appear to be in any pain or discomfort at that time or later in the test. Even though the test material did not remain in the eyes for the required 24 hours, the sample was deemed to be an eye irritant Six rabbits were used in polyclonal antibody production studies involving the use of Freund?s Complete Adjuvant. These animals did not appear to be in pain from the FCA use even though lesions did form on most rabbits. When lesions appear on the rabbits, we rinse their backs with warm sterile saline, but do not provide any other pain relieving procedures, unless recommended by the consulting veterinarian. Seventeen rabbits were used in pyrogen tests involving a product that resulted in exposed raw skin at the ear?s injection site. It has also been noted that if the product is not fully injected intravenously, and infiltrates into the surrounding tissue of the ear, that necrosis of the injection area may occur. Care is taken to ensure that the needle has proper intravenous placement, that the product does not drip onto the ear and that the ear is properly occluded following the sample injection. (The pyrogen tests, USP 24 <151> and 21 CFR 610.13 do not allow for the administration of pain-relieving drugs due to their potential to interfere with the test.) Although not used in a test or a procedure, one guinea pig received an ?E? classification at the time it was logged out of the colony. We euthanized this guinea pig (during its acclimation period) upon finding it with a swollen foot and leg bone protruding from the skin. Written by

Acknowledged by: (b)(6), (b)(7)c

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)

Explanations for ?E? Pain Classification - USDA/APHIS year 10/00-9/01 During the USDA animal year of October 1, 2000 through September 30, 2001, 29 rabbits were used in tests causing pain or distress. Six rabbits were used in a Primary Eye Irritation study in which severe swelling of the tissue surrounding the eye resulted after only an hour of exposure. Since the pain relieving medication we had available has a relatively short effective period, we chose not to use it and instead rinsed out the test sample from the test eyes (with warm sterile saline) at the one hour time point, instead of the required 24 hour time point. The swelling had diminished considerably by 16 hours later and the rabbits did not appear to be in any pain or discomfort at that time or later in the test. Even though the test material did not remain in the eyes for the required 24 hours, the sample was deemed to be an eye irritant Six rabbits were used in polyclonal antibody production studies involving the use of Freund?s Complete Adjuvant. These animals did not appear to be in pain from the FCA use even though lesions did form on most rabbits. When lesions appear on the rabbits, we rinse their backs with warm sterile saline, but do not provide any other pain relieving procedures, unless recommended by the consulting veterinarian. Seventeen rabbits were used in pyrogen tests involving a product that resulted in exposed raw skin at the ear?s injection site. It has also been noted that if the product is not fully injected intravenously, and infiltrates into the surrounding tissue of the ear, that necrosis of the injection area may occur. Care is taken to ensure that the needle has proper intravenous placement, that the product does not drip onto the ear and that the ear is properly occluded following the sample injection. (The pyrogen tests, USP 24 <151> and 21 CFR 610.13 do not allow for the administration of pain-relieving drugs due to their potential to interfere with the test.) Although not used in a test or a procedure, one guinea pig received an ?E? classification at the time it was logged out of the colony. We euthanized this guinea pig (during its acclimation period) upon finding it with a swollen foot and leg bone protruding from the skin.

villen bv	
	Acknowledged by:
b)(6), (b)(7)c	

 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:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 43-R-0014 CUSTOMER NO. 1415 FORM APPROVED OMB NO. 0579-0036 E

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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

BOEHRINGER INGELHEIM ANIMAL HEALTH INC 2621 N BELT HWY ST JOSEPH, MO 64506

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.)

SITE1
ST JOSEPH, MO 64506

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.	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 lests. (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 ANIMAL: (Cols, C + D + E)
4. Dogs		60			60
5. Cats		4			4
6. Guinea Pigs		2363		918	3281
7. Hamsters		1168		4672	5840
8. Rabbits		1281			1281
9. Non-Human Primates					
10. Sheep		371			371
11. Pigs		473			473
12. Other Farm Animals					
Cattle		612	, , , , , , , , , , , , , , , , , , , ,		612
13. Other Animals				,	
Horses		38			38
Goats		2			2

- 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.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL re Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	· · · · · · · · · · · · · · · · · · ·
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/24/2001

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

#### APHIS Form 7023 Column E Explanation

This form is intended as an aid to completing the APHIS Form 7023 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:

43-R-0014

2/3. Species (common name) & Number of animals used in this study:

Guinea Pigs (918)

Hamsters (4672)

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

Box 6-E: (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)

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: APHIS, 9 CFR 113.101

CFR:

#### APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

43-R-0014

Customer Number:

1415

Facility:

BOEHRINGER INGELHEIM ANIMAL HEALTH INC

2621 N BELT HWY ST JOSEPH, MO 64506

Boehringer Ingelheim Vetmedica, Inc. 10830 State Route "O" Cosby, MO 64436 1. Registration Number: 43-R-0014 / 1415

2/3. Species (common name) & Number of animals used in this study:

Guinea Pigs (918)

Hamsters (4672)

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

Box 6-E: (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)

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: APHIS, 9 CFR 113.101; APHIS, 9 CFR 113.102; APHIS, 9 CFR 113.103; APHIS, 9 CFR 113.104; APHIS, 9 CFR 113.106; APHIS, 9 CFR 113.108; APHIS, 9 CFR 113.109

CFR: