Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 41-K-000 FORM APPROVED OMB NO 0579-0036

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

41-R-0001. Cust ld 762

(b)(6), (b)(7)c VIROMED LABORATORIES, INC.

2540 EXECUTIVE DRIVE MINNEAPOLIS, MN 55120

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, te........... sheets if necessary)

additional

		FACILITY	LUCATI	<b>7M2</b> (2116
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St. Paul Virolled, 2540 Executive. Dr VA Hospital - One Veterans Dr

	OR LINDER CONTROL OF			cessary or use APHIS FORM 7023A)	<del></del>
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 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 tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research,	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		3440	]		3440
7. Hamsters					<u> </u>
8. Rabbits		481	89		570
9. Non-human Primates					
10. Sheep					
<u>11. Pigs</u>					
12. Other Farm Animals					
13. Other Animals					
ASSUBANCE STATEMENTS					

- Professionally acceptable standards governing the care, freatment, 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

	DQUARTES RESEARCH FACILI' or Legally Responsible Institution true, correct, and complete (7 U.S.C. Section 2	al Official)
SIC .		DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA injerior 2 41-R-0002, Cust ld 771

OMB NO 0579-0036

\_0CT 2

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

(b)(6), (b)(7)c OPTICAL SENSORS, INC.

7615 GOLDEN TRIANGLE DRIVE MINNEAPOLIS, MN 55344

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing sheets if necessary) .tach additional

FACILITY	LOCATIONS	(Sites,
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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  (COIS. C +  D + E)
4. Dogs	Ø	· · · · · · · · · · · · · · · · · · ·			Ø
5. Cats	Ø				Ø
6. Guinea Pigs	Ø				Ø
7. Hamsters	Ø				Ø
8. Rabbits	Ø	$\mathscr{S}$	Ø	Ø	Ø
9. Non-human Primates	Ø	<u>'</u>			Ø
10. Sheep	Ø				0
11. Pigs	Ø				8
12. Other Farm Animals	Ø				Ø
13. Other Animals	Ø				Ø

- 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.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL.  (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true, correct, and complete (7 USC Section 2143).						
SICULTURE OF OFF OFF OF DESIGNATION OF OFF	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
		13/00+ 3000				

See attached form for additional information

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0003

CUSTOMER NUMBER: 559

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Health Partners Research Foundation
640 Jackson Street 40 Regions Hospital
Room #2539

Telephone: (612) -221-2928NOT A FOIA DELETION 651-254-3391

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 Atached 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 ye	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, a	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	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )	
4. Dogs	$\mathcal{D}$		4		4	
5. Cats	Ŏ		0		0	
6. Guinea Plgs	0		0		0	
7. Hamsters	0		D		0	
8. Rabbits	Ö		i 7		17	
9. Non-human Primate	0		0		0	
10. Sheep	0		48		48	
11. Pigs	0		71		71	
12. Other Farm Animals	0		Ö		5	
13. Other Animals						

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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.
- 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 a	spects of animal care and
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )	
Si	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED
AP	obsolete.	(

# 41R-0003

SITE 001	STATUS Active	ADDRESS HealthPartners Research Foundation Regions Hospital Bldg #2 & #4 640 Jackson Street St. Paul, MN 55101 County: Ramsey	CONTACT PERSON
002	Active	Minneapolis Children's Med Ctr 2525 Chicago Avenue South Minneapolis, MN 55404 County: Hennepin	
003	Active	Midway Hospital 1700 University Ave St. Paul, MN 55104 County: Ramsey	
004	Active	Century College 3200 Century Ave White Bear Lake, MN 55110 County: Ramsey	
005	Active	Phillips Eye Institute 2211 Park Avenue South Minneapolis, MN 55404 County: Hennepin	

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 41-R-0006 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 41-R-0006, Cust ld 542

> MAYO FOUNDATION 200 FIRST STREET, S.W. ROCHESTER, MN 55905

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teach. sheets if necessary.)

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

∡ditional

141

# **FACILITY LOCATIONS (Siles)**

1. Guggenheim Bldg. - Rochester, MN

4. Medical Sciences Bldg. - Rochester, MN

Institute Hills - Rochester, Alfred Bldg. - Rochester, MN

Johnson Bldg. - Scottsdale, AZ Birdsall Bldg. - Jacksonville,

Number of animals upon which teaching, B. Number of C Number of Number of animals upon animals being experiments, research, surgery or tests were animals upon which experiments, conducted involving accompanying pain or distress bred, which teaching, **Animals Covered** teaching, research, to the animals and for which the use of appropriate conditioned, or TOTAL NO. By The Animal research, surgery, or tests were anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or held for use in OF ANIMALS experiments, or Welfare Regulations conducted involving teaching, testing, tests were accompanying pain or interpretation of the teaching, research, experiments. conducted distress to the animals experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these (Cols. C + D + E) research, or involving no and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs 7 152 420 572 0 Dogs 0 0 Cats 0 165 400 565 Guinea Pigs 0 42 n 207 165 Hamsters 0 376 329 705 Rabbits 0 Non-human Primates 0 0 0 10. Sheep 0 98 196 n 1,294 11. Pigs Other Family Animals 9 0 4 Bovine

## ASSURANCE STATEMENTS

Other Animals

Horses

**Ferrets** 

13.

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.

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2) Each principal investigator has considered alternatives to painful procedures

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- 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 vetermarian 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 Officer or Legally Responsible Institutional Official) se above is true, correct, and complete (7 U.S.C. Section 2143)			
SIGNATURE (	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or	Print) DATE SIGNED		
		11/21/00		

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Interagency Report Control No WWW 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 41-R-007

FORM APPROVED OMB NO. 0579-0036

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

41-R-0007. Cust Id 591

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

MINNEAPOLIS MEDICAL RESEARCH FOUND., INC. 914 SOUTH EIGHT STREET 3RD AND 10TH FLOOR

MINNEAPOLIS, MN 55404 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or c sheets if necessary) Minneapolis Medical Research Foundation

D-10 Surgical Facility

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in leaching, 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 affected to this report).	F.  TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs	0	0	16	0	16
5. Cats	0	0	5	0	5
6. Guinea Pigs	0	0	40	0	40
7. Hamsters	0	0	0	0	0
8. Rabbits	6	1	75	0	76
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	. 0	118	0	118
11. Pigs	0	0	17	0	17
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

- 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.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  Lecrity 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			
		10/3/00			

Interagency Report Control NO 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

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

41-R-0008. Cust ld 561

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

3-M LABORATORY ANIMAL RESEARCH SERVICES 3M CENTER / 270-2A-08

ST PAUL, MN 55144

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or superincent. . . . sheets if necessary)

additional

#### **FACILITY LOCATIONS (Sites)**

3M Center/Bldg.270-2A-08

55144-1000

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	49	24	0	0	24
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	142	0	0	142
7. Hamsters	0	0	0	00	0
8. Rabbits	0	89	0	0	89
9. Non-human Primates	16	11	5	0	16
10. Sheep	0	0	0	0	0
11. Pigs	0	18	21	0	39
12. Other Farm Animals	0	0	8	0	8
13. Other Animals					

- 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.
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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 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)

DATE SIGNED

CIAL (Type or Print)

SIGNATURE OF A DO COMMENTATION OF SECOND

3203633202

ST JOHN 5 UNIVERSITY

PAGE 82 Interagency Report Control No

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

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See reverse side for 0180-DDA-AN additional information

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

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1. REGISTRATION NO.

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

41-R-0011, Cust id 560

(b)(6), (b)(7)c \$1. JOHN'S UNIVERSITY/COLLEGEVILLE

P. O. BOX 3000

COLLEGEVILLE, MN 58321

2. REPORTING FACILITY (List all locations where animals were housed or used in ectual research, testing, teach sheets if necessary)

ditional

	· · · · · · · · · · · · · · · · · · ·	FA	CILITY LOCATIONS (SILER)		
Peter Engel +	tall SUL	{		·	
College ville,	MN 56	321			
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILIT	V (Attach adiditional sheets if ne	CHASHIY OF LIBE APHIS FORM 7023A)	
A. Asimala Causad	B Number of animals being bred	C Number of phimals upon	D. Number of billimals upon which experiments,	E. Number of animals upon which teaching.  experiments, research, surgery or tests were conducted involving accompanying pain or distress.	F.

A. Animals Covered By The Animal Welfere Regulations	B Number of animals being bred, conditioned, or held for use in teaching, teating, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, 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 teats were conducted involving accompanying pain or distress to the animals and for which appropriate enesthelic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which the use of appropriate unesthetic, analgasic, or tranquilizing 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 enimals and the reasons such drugs were not used much be attached to this report).	TOTAL NO. OF ANIMALS  (Cals. C + D + E)
4. Dogs					
5 Cats					
6 Guinea Pigs					
7. Hamsters					
8. Rabbits		6			6
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate 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 atternatives to politful 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 adultion 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 cure and to oversee the adequacy of other expects of animal care and use

(Chief Executive Officer o	QUARTES RESEARCH FACILITY OFFICIAL r Legally Responsible Institutional Official) rus, correct, and complete (7 U.S.C. Section 2143).	
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL Type or Printy	DATE SIGNED
		1 Dec 00

additional information

This report 3 required by law (7 USC 2143). Failure to report according to the regulations CSF

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

> > 302

1. CERTIFICATE NUMBER: 41-R-0015 CUSTOMER NUMBER: 558

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Medtronic, Inc.

Physiological Research Laboratories 1385 115th Ave Nw

Minneapolis, MN 55448

Telephone: (612) -754-6800

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)

(see attached)

6. Guinea Pigs

7. Hamsters

FACILITY LOCATIONS (Sites) - See Attached Listing

(see attached)

0

0

River Valley Farms,

Physiological Research Laboratories

0

0

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY / Attach additional shapes if necessary or use APHIS Form 7023A F. Number of animals E. Number of animals upon which teaching. B. Number of Number of A. animals upon upon which experiments, research, surgery or tests were animals being conducted involving accompanying pain or distress which teaching. experiments, twaching, brod. TOTAL NUMBER to the animals and for which the use of appropriate Animals Covered conditioned or research. research, surgery, or OF ANIMALS By The Animal experiments, or tests were conducted aneathetic, analgesic, or tranquilizing drugs would held for use in Welfare Regulations tests were involving have adversely affected the procedures, results, or teaching. (COLUMNS accompanying pain or testing, conducted interpretation of the teaching, research, experiments. C+D+E) experiments. involving no distress to the animals surgery, or tests. ( An explanation of the procedures and for which pain, diatress, or research, or producing pain or distress in these animals and the surgery but not ye use of painappropriate anasthetic, a reasons such drugs were not used must be attached to rolleving drugs. 4. Dogs 272 42 0 272 0 5. Cats 0 0 0 0

0

0

8. Rabbits	30	0	87	0	87
9. Non-human Primate	0	0	0	0	0
10. Sheep	9	0	101	0	101
11. Pigs	14	0	148	0	148
12. Other Farm Animals	0	. 0	0	0	0
13. Other Animats	0	0	0	0	0

**ASSURANCE STATEMENTS** 

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of aneatatic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures.
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- 4) The attending velerinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other especia of animal care and

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

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TOTAL OF CHILD OF INSTRUCTIONAL OFFICIAL ATTACASES

E SIGNED 29loi

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3 . . . . .

Medtronic Physiological Research Laboratories 1385 115th Ave. NW Minneapolis, MN 55448 USA

tel 763.514.6800 fax 763.757.3033

www.medtronic.com

Physiological Research Laboratories 1385 115<sup>th</sup> Avenue N.W. Coon Rapids, MN 55448

River Valley Farms, Inc. 750 Walnut St. Marine-On-St.Croix, MN 55047

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

16 PH

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

41-R-0022, Cust ld 552

GUIDANT CORPURATION 4100 HAMLINE AVENUE NORTH ARDEN HILLS, MN 55112

5 .

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, sheets if necessary)

ER LAKE Avinal Care LAKE REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH Number of Number of animals upon which teaching, Number of Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments, conducted involving accompanying pain or distress **Animals Covered** bred. which leaching, teaching, research, to the animals and for which the use of appropriate conditioned, or By The Animal research, TOTAL NO surgery, or tests were held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS Welfare Regulations conducted involving have adversely affected the procedures, results, or teaching, testing, lests were accompanying pain or interpretation of the teaching, research, experiments. conducted distress to the animals research, or experiments, surgery, or tests. (An explanation of (Cols. C + D + E) involving no and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs 34/6 Dogs Cats Guinea Pigs Hamsters Rabbits Non-human Primates 9. 10. Sheep 0 80 80 . 11. Pigs

**FACILITY LOCATIONS (Sites)** 

### ASSURANCE STATEMENTS

12. Other Farm Animals

13. Other Animals

- 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

C	ERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  e above is true, correct, and complete (7 U.S.C. Section 2143).	
SIGN.	NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

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

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(b)(6), (b)(7)(5)

MEDICAL INSTITUTE OF MINNESOTA 5503 GREEN VALLEY DRIVE BLOOMINGTON, MN 55437

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, tea sheets if necessary.) additional

**FACILITY LOCATIONS (Sites)** 

Medical Institute of Minnesota

(TYPE OR PRINT)

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			128		178
5. Cats			54		54
6. Guinea Pigs		9			9
7. Hamsters		Ö			0
8. Rabbits			8		8
9. Non-human Primates		O			0
10. Sheep		O			0
11. Pigs		0			0
12. Other Farm Animals		0			0
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
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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 HEADQUARTES 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

10/4/00

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. The state of th

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

41-R-0029

FORM APPROVED
OMB NO 0579-0036

2. HEADQUARTERS RESEARCH

Neonatal Research Cooperative

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

Children's Hospitals and Clinics 345 North Smith Ave St. Paul, MN 55102

St. Paul, MN 55102

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)

L-282A

(address as above)

L-284

(address as above)

	ess as above		<u></u>		
REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	l (Attach adiditional sheets if ne	ecessary 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			70		
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11 Pigs (piglets)	0	0	15	0	15
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- 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, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
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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 HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  Lectury 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			
		11/05/00			

additional information

Interagency Report Control N

This report is required by law (7 USC 2143). Failure to report according to the regulations

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**ANNUAL REPORT OF RESEARCH FACILITY** (TYPE OR PRINT)

JAN 18 2001

1. CERTIFICATE NUMBER: 41-R-0038

CUSTOMER NUMBER: 600

FORM APPROVED OMB NO. 0579-0036

Doane Pet Care Highwoods Plaza li, Suite 200 103 Powell Ct. Brentwood, TN 37027

210 Westwood Pl. South Suitezoo

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

Telephone: (615) -309-1:107

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 Atached 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 yε	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or	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, a	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	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs		10			10
5. Cats	;	20			2-0
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep	;	:			
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	· · · · · · · · · · · · · · · · · · ·				
	!				
ASSURANCE STATEMENT	S				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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

	ION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL sutive Officer or Legally Responsible Institutional Official )	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS

41-R-0041, Cust ld 592

'JSDA

ANNUAL REPORT OF RESEARCH FACILITY 3 (TYPE OR PRINT)

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

MINNESOTA DEPARTMENT OF HEALTH 717 DELAWARE STREET, SE

P. O. BOX 9441

MINNEAPOLIS, MN 55440

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)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Atlach adiditional sheets if necessary or use APHIS FORM 7023A) Number of animals upon which teaching, B. Number of C Number of Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress which teaching, Animals Covered bred. teaching, research, to the animals and for which the use of appropriate By The Animal conditioned or research, TOTAL NO surgery, or tests were conducted involving anesthetic, analgesic, or tranquilizing drugs would held for use in OF ANIMALS Welfare Regulations experiments, or have adversely affected the procedures, results, or interpretation of the teaching, research, teaching, testing, tests were accompanying pain or experiments. conducted distress to the animals experiments, surgery, or tests. (An explanation of (Cols. C + D + E) research, or involving no and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were purposes. must be attached to this report). relieving drugs. 0 Dogs 0 Cats 0 Guinea Pigs 0 7. Hamsters 0 Rabbits 0 Non-human Primates 0 10. Sheep 0 11. Pigs 0 12. Other Farm Animals 0 13. Other Animals

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approxiate 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.

	ERTIFICATION BY HEADQUARTES RESEARCH FAC (Chief Executive Officer or Legally Responsible Institut Lectify that the above is true, correct, and complete (7 USC Section 2)	ional Official)
SIG	NAME & TITLE OF C.E.OOR INSTIT	PUTIONAL OFFICIAL (Type or Print)  DATE SIGNED  11/21/69

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 41-R-0042 FORM APPROVED OMB NO 0579-0036

OCT 2 0 2000

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

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

41-R-0042. Cust ld 550

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

RIDGEWATER COLLEGE

VETERINARY TECHNOLOGY DEPT.

P. O. BOX 1097

WILLMAR, MN 56201

tional.

**FACILITY LOCATIONS (Sites)** 

Same as "2 Headquarters Research Facility

sheets if necessary.)

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in feaching, festing, 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 fests 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).	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs		9	13		22
5. Cats		18	13		31
6. Guinea Pigs		2			
7. Hamsters		9			
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Iguana		2			
Gerbils		13			

- 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.
- 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.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  Legally 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 /0 /1.3/00

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See reverse side for additional information.

Interagency Report Control No. 20180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

41-R-0043

FORM APPROVED OMB NO 0579-0036

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

41-R-0043 Cust Id 588

(b)(6), (b)(7)c...
GUSTAVUS ADOLPHUS COLLEGE

NOV - 7 2000

800 W. COLLEGE AVENUE ST PETER, MN 56082

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teac.

sheets if necessary.)

dditional

# FACILITY LOCATIONS (Siles)

Nobel Animal Facility

REPORT OF ANIMALS USED BY C	OR UNDER CONTROL O	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessury 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			6		6
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

### SSURANCE 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.
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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 HEADQUARTES 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)

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

DATE SIGNED

31/2000

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE AND TAND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) OCT 47

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

41-R-0044, Cust ld 587

(b)(6) (b)(7)c **EMBRO CORPORATION** 2460 HIGHWAY 100 SOUTH ST LOUIS PARK, MN 55416

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teachins, sheets if necessary)

**FACILITY LOCATIONS (Siles)** 

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 ANIMAL:  (Cols. C + D + E)
4. Dogs					NA
5. Cats					NIA
6. Guinea Pigs					NA
7. Hamsters					W/A
8. Rabbits					NA
9. Non-human Primates					NA
10. Sheep					NA
11. Pigs					NA
12. Other Farm Animals					NA
13. Other Animals					N/A
					<b>†</b>

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and franquilizing 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.

(Chief Execut	N BY HEADQUARTES RESEARCH FACILITY OFFICIAL ive Officer or Legally Responsible Institutional Official) nat the above is true, correct, and complete (7 U S C Section 2143)	
AL	NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED
		1/-22-00

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE NO.

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

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

41-R-0045, Cust ld 548

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

UNIVERSITY OF ST. THOMAS 2115 SUMMIT AVENUE ST PAUL, MN 55105

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, to sheets it necessary) additional

## **FACILITY LOCATIONS (Siles)**

Owens 382

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary 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 fests 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  (COIS. C + D + E)
4. Dogs		i			
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbils	48	150			198

- 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.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  Legally 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	
		10.31.00	

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

LUU . DEC

1. REGISTRATION NO. 41-R-0047

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 Co 41-R-0047, Cust ld 775

> ST. OLAF COLLEGE 1520 ST. OLAF AVENUE NORTHFIELD, MN 55057

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leac. sheets if necessary.)

FACILITY LOCATIONS (Siles)

Biology Dept.-Science Center

Psychology Dept.-Holland Hall

			T	The state of a second control to the second	T
Animals Covered By The Animal Weltare 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).	TOTAL NO OF ANIMAL (Cols. C D + E)
. Dogs					
5. Cats					
6. Guinea Pigs					
. Hamsters					
3. Rabbits			15		15
. Non-human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals				* .	
3. Other Animals					
Lab Rats	7				7
Pigeons	13				13

- Professionally acceptable standards governing the care, freatment, 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.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Lecrtify 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

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

نر د ن

1. REGISTRATION NO.

FORM APPROVED

OMB NO. 0579-0036

h USDA

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTE 41-R-0049, Cust Id 794 include Zip Co

MOORHEAD STATE UNIVERSITY \*\*

MON - 6 2000

MOORHEAD, MN 56563

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)**

Biology Department, King Hall

\*\*Please note name change to Minnesota

Psychology Department, Bridges Hall

State University Moorhead

	PORT OF ANIMALS USED BY OF			(Attach adiditional sheets if ne	ecessary or use APHIS FORM 7023A.)	
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 leaching, 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  (COIS. C + D + E)
4.	Dogs					0
	Cats					0
6.	Guinea Pigs					0
7.	Hamsters					0
8.	Rabbits					0
9.	Non-human Primates					0
10.	. Sheep					0
11.	. Pigs					0
12.	. Other Farm Animals					0
13.	. Other Animals					0

## ASSURANCE STATEMENTS

- 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.
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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 HEADQUARTES 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)

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

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

0180-DOA-AN

147 F 42 F 1 177

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED ONB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

sheets if necessary)

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

41-R-0050. Cust ld 797

ADVANCED BIOSURFACES 5909 BAKER ROAD SUITE 550

SUITE 550

MINNETONKA, MN 55345

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, teaching

litionai

		FA	CILITY LOCA	TIONS (Siles)		
1) Advanced Bio	-Surfaces	, Inc.		2) Eat	tlebrook Farms	
5909 Baker Rd,#	550,Minne	tonka,MN5	5345	30045	136th St, Princeton, MNS	5371
REPORT OF ANIMALS USED BY O	R UNDER CONTROL O	F RESEARCH FACILITY	Y (Attach adie	litional sheets if ne	cessary 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 leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	which e teaching surgery conduct accomp distress and for anesthe	of animals upon xperiments, g, research, or tests were led involving anying pain or to the animals which appropriate lic, analgesic, or izing drugs were	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.  TOTH, NO  DF ANIMALS  (COME C +  D + E)
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits						
9. Non-human Primates						
10. Sheep	27	8				8
11. Pigs						
12. Other Farm Animals						
13. Other Animals						

- 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.
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	(Chief Executive (	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY ()FFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)    teertify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNAT	IAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
			1/3/00				

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See attached form for additional information

41-R-0

CUSTOMER NUMBER: 805

1. CERTIFICATE NUMBER:

M APPROVED MB NO. 0579-0036

Interagency Report Control No.

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

lotek. Inc. 1069 10th Avenue Se Minneapolis, MN 55414

DEC 21 2000

Telephone: (999) -999-9999

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 Atached Listing

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 ye	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, a	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	F.  TOTAL NUMBEF OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	,	15		
5. Cats	0		0		0
6. Guinea Pigs	0		0		
7. Hamsters	0		0		
8. Rabbits			.5		5
9. Non-human Primate	0		0		
10. Sheep	0		1		
11. Pigs	0			/	
2. Other Farm Animals	0		0		0
3. Other Animals			0		0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )					
SIGNATURE OF	AL.	NAME & TITLE DE CEO DE INSTITUTIONAL DEFICIAL. (Type or Print	DATE SIGNED		
ADUIS FORM 70	) (OCT 00) which is		,		

( AUG 91 )

1 (OCT 88), which is obsolete.

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See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2006

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTEPS BECEARCH EACH ITY Mana include Zip Co 41-R-0052, Cust Id 1633 USDA USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

INSIGHT BIOMED INC. 710 E. 24TH ST. SUITE L30 MINNEAPOLIS, MN 55404

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

**FACILITY LOCATIONS (Sites)** 

# VA MEDICAL CENTER, BLDG. 49, MINNEAPOLIS, MN

REPORT OF ANIMALS USED BY OR UNDER CONTRIOL OF RESEARCH FACILITY (Attach authoffmut sheets if necessary or use APPIS FORM 7023A)  A mimals Covered By The Animal Welfare Regulations Surgery but not yet used for such purposes.  4. Dogs  5. Cats  6. Guinea Ptgs  7. Hamsters  8. Rabbits  9. Non-human Primates  10. Sheep  11. Ptgs  12. Other Farm Animals  13. Other Animals  13. Other Animals  14. Animals Covered By The Animals  and In which appropriate on the second companying pain or distress to the animals and to which the use of appropriate producted only the second process of the animals and to which the use of appropriate producting pain or distress to the animals and the resonant such drugs were not used  F. OTAL NO GP ANIMALS  F. Cotta By Companying pain or distress to the animals and to resonant such drugs were not used  F. OTAL NO BY Animals  F. Cotta By Companying pain or distress to the animals and the resonant such drugs were not used  F. OTAL NO BY Animals  F. Cotta By Cott	REPORT OF ANIMALS LISED BY	OR UNDER CONTROL OF	F RESEARCH FACILITY	/ (Attach adiditional sheets if no	constant or use APHIS FORM 7023A)	
5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals	A.  Animals Covered By The Animal	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	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	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 tranquiltzing 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 +
6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals	4. Dogs					
7. Hamsters  8. Rabbits  517  9. Non-human Primates  10. Sheep  11. Pigs  12. Other Farm Animals	5. Cats					
8. Rabbits 517  9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals	6. Guinea Pigs					
9. Non-human Primates  10. Sheep  11. Pigs  12. Other Farm Animals	7. Hamsters					
10. Sheep  11. Pigs  12. Other Farm Animals	8. Rabbits			517		
11. Pigs 12. Other Farm Animals	9. Non-human Primates					
12. Other Farm Animals	10. Sheep					
	11. Pigs					
13. Other Animals	12. Other Farm Animals					
13. Other Animals						
	13. Other Animals					

### SURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTES 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

9.3/00

USDA APHIS AC This report is required by lew (7 USC 2143). Failure to report according to tine regulations 919 716 5696

P.03/07/

additional information

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0055 CUSTOMER NUMBER: 1657

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Parker Hughes Institute 2720 Patton Road Roseville, MN 55113

Telephone: [651] 604-9064

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

Parker Hughes Institute Pre-Clinical Laboratory

FACILITY LOCATIONS (Siles) - See Alached Libiling

Minneapolis Veterans Administration [leased space]

A. Animals Covered By The Animal Weffere Regulations	B. Number of animets being bred, conditioned, or held for use in teaching, lessing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of enimeta upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate enesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or leats were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquitizing 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 exected to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C+D+E)
4. Dogs	Ö	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8, Rabbits	Ö	312	55	0	367
9. Non-human Primate	6	0	6	0	6
D. Sheep	0	0	0	0	0
1. Pigs	0	0	0	0	0
2. Other Farm Animals	0	0	0	0	0
3. Other Animals	0	0	0	0	0

# ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestedd, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Responsible Institutional Official)	

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

DATE SIGNED 11/7/00

# USDA APHIS AC

Customer ID and Site Address:

Costomer in and one videress.

ID: 1657 Parker Hughes Institute
2720 Patton Road
Roseville, MN 55113

Institute
Telephone
(651)604-9064

County: Ramsey

Minneapolis Veterans Administration [leased space] Veterinary Medical Unit [151] One Veterans Drive, Building 49 Minneapolis, MN 55417 ુક

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

# UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

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

41-R-0057, Cust ld 1703

EXCORP MEDICAL, INC. 7200 HUDSON BLVD. SUITE 235 OAKDALE, MN 55042

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing sheets if necessary) ach additional

<b>FACILITY LOCATION</b>	S (Sites)
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EXCURP MEDICAL, DAKDALE, MN

	,				
REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	RESEARCH FACILITY	f (Attach adiditional sheets if ne	ecessary 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 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 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).	TOTAL NO OF ANIMALS  (COIS. C + D + E)
4. Dogs	$\mathcal{O}$				
5. Cats	0				
6. Guinea Pigs	0				
7. Hamsters	0				
8. Rabbits	0				
9. Non-human Primates	0				
10. Sheep	0				
11. Piqs	0		10		10
12. Other Farm Animals	0	,, , , ,			
13. Other Animals	0				
ACCUPANCE STATEMENTS					

### SSURANCE 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.
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# CERTIFICATION BY HEADQUARTES 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)

DATE	SIGNED
160	0e100

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 41-R-0058 FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zip ( 41-R-0058, Cust ld 1704

RIVER VALLEY FARMS, INC. 750 WALNUT STREET P.O.BOX 40

River Valley Farms, Ing 750 Walnut Street

MARINE ON ST CROIX, MN 55047 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or new to the measure. sheets if necessary.)

FACILITY LOCATIONS (Sites)

2. HEADQUARTEDS DESEABLE FACILITY (Name and Address as registered with USDA)

River Valley Forms, Inc. 803 Prospect Avenue Osceola, WI 54020 Marine on St. Croix, MN 55047 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adultional 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 experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress bred. which teaching, Animals Covered teaching, research, to the animals and for which the use of appropriate conditioned, or By The Animal research, TOTAL NO surgery, or tests were conducted involving anesthetic, analgesic, or tranquilizing drugs would held for use in OF ANIMALS Welfare Regulations experiments, or have adversely affected the procedures, results, or interpretation of the teaching, research, teaching, testing, tests were accompanying pain or experiments. conducted distress to the animals (Cols. C + D + E) research, or experiments, surgery, or tests. (An explanation of involving no and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were must be attached to this report). purposes relieving drugs 5 5 4. Dogs Cats Guinea Pigs Hamsters Rabbits Non-human Primates 26 26 10. Sheep 215 215 11. Pigs 12. Other Farm Animals 13. Other Animals

- Professionally acceptable standards governing the care, freatment, 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
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(Chief Executive Officer o	CERTIFICATION BY HEADQUARTES 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)	11 /14/00

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 41-R-0059 FORM APPROVED OMB NO 0579-0036

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

41-R-0059, Cust ld 1725

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

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

BECKMAN INSTRUMENTS, INC.

1000 LAKE HAZELTINE DR **CHASKA, MN 55318** 

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, to

a additional

**FACILITY LOCATIONS (Sites)** 

8101 Co. Road #15

Maple Plain, MN 55359

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 ANIMAL  (Cols. C D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep		11			11
11. Pigs			1		
12. Other Farm Animals	OK	-1-OK	NOT A FOIA DEL	ETION	1-90
-Burro	3 9or	- 9 Har	NOT A FOIA DEL	ETION	-g90
13. Other Animals					
Goats	11	34			34

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

DATE SIGNED

s

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 41-R-0060 FORM APPROVED

2. HEADQUAF include Zip 41-R-0060, Cust ld 1816

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) (b)(6), (b)(7)c

CARLETON COLLEGE

<del>500 SIMONE OOURT</del> DEPT OF PSYCHILOZY

NORTHFIELD, MN 55057

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

**FACILITY LOCATIONS (Sites)** 

Hulings Hall, Room 19

Unlines Hell Doom 21

Hulings Hall,				10110 FORM 7000A	<del></del>
A.  Animals Covered By The Animal Welfare Regulations	B UNDER CONTROL OF  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 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 affached 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	0	12	0	0	12
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS		L		I	<u></u>

## ASSURANCE STATEMENTS

- 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.
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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 annual care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICE	IAI.
(Chief Executive Officer or Legally Responsible Institutional Official)	

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

DATE SIGNED 11/29/00

SIGNATURE OF CE O OF INSTITUTIONAL OFFICIAL

NAME & TITLE OF CEO, OR INSTITUTIONAL OFFICIAL (Type of Print)

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED

2. HEADQUARTEDS BESEARCH FACILITY (Name and Address, as remistered with USDA include Zip

41-R-0005, Cust ld 547

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

UNIVERSITY OF MINNESOTA DIV OF COMP MED, BOX 351 UMHC 516 DELAWARE STREFT SE DEC - 5 2000

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

sheets if necessary.)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, teaching, to experimentarily or trace purposes.

26

Minneapolis Campus St. Paul Campus

Duluth Campus Hormel Institute 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 Number of animals upon which teaching, D. Number of animals upon animals being experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate animals upon which experiments. bred. which leaching, Animals Covered teaching, research, conditioned, or By The Animal research. surgery, or tests were conducted involving TOTAL NO. Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS teaching, lesting, have adversely affected the procedures, results, or lesis were accompanying pain or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of experiments. conducted distress to the animals and for which appropriate research, or (Cols. C + D + E) involvina no surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. must be attached to this report). relieving drugs 40 37 476\* 0 Dogs 513 5 25 284\* 0.0 319 5. Cats 20 244 119 0 Guinea Pigs 363 6. 31 217 350 0 567 Hamsters 35 149 575 439 8. Rabbits 1163 34 105 0 139 Non-human Primates 25 9. 5 169 457 0 10. Sheep 626 10 296 508 0 11. Pigs 804 at, Cow, Horse 12. Other Farm Animals 22 265 171 0 436 151 dogs and 220 cats were humane society owned and eturned 13. Other Animals Chinchilla 0 0 293 0 293 0 Wild Rodent 24 0 0 24

- 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.
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CERTIFICATION BY HEADQUARTES 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)	

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

DATE SIGNED

APHIS FORM 7023 (AUG 91)

SIG

ASSURANCE STATEMENTS

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

FART 1 - HEADQUARTER

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 41-R - 0005

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT
OF RESEARCH FACILITY
(TYPE OR PRINT)

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

41-R-0005, Cust ID 547

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

University of Minnesota

Div of Comp Med, Box 351 UMHC

516 Delaware Street SE, Minneapolis, MN 55455

REPORT OF ANIMALS USED BY OF	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	ware Street SE, Minneapolis, M	N 33433
Animals Covered By The Animal Welfare Regulations  12. &/OR 13. Other (List by species)	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 lests 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).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
nregulated Species					
Mice					113,765
Rats					11,865
Poultry					9,958
Amphibians				·	1,580
Reptiles					68
Pigeons					132
Free Ranging Wild	life Mammal	s			1,200
Fish					10,000
			-		
		###			
			ļ		····
ASSURANCE STATEMENTS					

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	(Chief Executive O	HEADQUARTES RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional Official) above is true, correct, and complete (7 U.S.C. Section 2143).	
		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
			11/21/00
LIC CORE TOSSA			

# Optional Column E Explanation Form

1. Registration	on Number: _	41-R-0005	5		
2. Number_	439		of animals	used in this stud	y.
3. Species (co	mmon name)_	rabbit	of animals	used in this stud	<b>y.</b>
4. Explain th	e procedure p	roducing pair	n and/or distress		
to production of require hypotens: allow progression exhibit escape be	toxic shock to ion/shock to a teas ehavior combess the prot	syndromes of be present t that point ined with inective abili	or endocarditi for diagnosis t. The end po nability to ri	s. Toxic shoc , and thus, fo int is failure ght themselves	ccal factors that lead k syndromes by definit r our studies, we must of rabbits to . This is particularl ve developed. At that
V ***		·			
relieved. Stat	te methods or nterfere with t	means used to		ess could not be pain and/or distant dated testing, see	
mechanism underl	factors for ying the inc significant ing medicati	developmen reased risk effects on lons. It is	t of toxic sho is unclear, the host nervo for this reas	ock syndromes. There is evider ous system, and	Although the exact nce to suggest that I thus may synergize
the Code of F	• •	tions (CFR) ti	-	e? Cite the agen the specific secti	· ·