

**United States
Department of
Agriculture**

Marketing and
Regulatory
Programs

Animal and Plant
Health Inspection
Service

Veterinary Services

Center for Veterinary
Biologics
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Ames, IA 50010

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Veterinary Biological Products

**Licenses and Permittees
Prepared January 10, 2024**

INTRODUCTION

This quarterly publication lists all licensed establishments, licensees, and permittees, with their subsidiaries and divisions, as well as the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment license number.

The listing of licensed establishments by number identifies each licensee, permittee, subsidiary, and division authorized to do business in the establishment.

The index of product components lists by page number where each antigenic fraction appears. The fraction reference may appear in more than one section, for example, canine distemper appears in vaccines, antiserums, vaccines with bacterin-toxoids, and diagnostics.

Under the alphabetical listing of licensed biological products, the principal parts of the true name are underlined, and each product is assigned a code number by Policy, Evaluation, and Licensing. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The alphanumeric system used for product codes provides for a six-digit number of number-letter combination to be assigned to each product, i.e., the first digit denotes product types; second and third, group by agents; fourth, the viability of vaccine, (live, killed, modified live, etc.); fifth, substrates; and sixth, miscellaneous variables.

Included in this issue is a section designated "Products for Further Manufacture." These products represent one or more biological fractions brought to a prescribed stage of production requiring further processing before becoming a completed or finished product.

True names for these products describe only the product licensed, such as virus, killed culture, purified antibody, etc. Current product nomenclature such as vaccine, bacterin, etc., will be used only for completed product.

Errors in this document or suggestions for improvement should be brought to the attention of:

USDA, APHIS, VS
Center for Veterinary Biologics
Policy, Evaluation, and Licensing
1920 Dayton Ave, PO Box 844
Ames, IA 50010

For on-line information, the Internet address is

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/veterinary-biologics>.

This site provides access to Policy, Evaluation, and Licensing program information.

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ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**License Number**

ALK-Abello, Inc.	259
ARKO Laboratories, Ltd.	337
AVS Bio	344
Addison Biological Laboratory, Inc.	355
Allied Biologics Company, Inc.	290
Alta Genetics USA, Inc. (Permittee)	448A
American Animal Health, Inc.	315
American Embryo Systems	315
American Swine Products	315
Americana Laboratories, Inc.	188
Applied Biosystems LLC	432
Avian Vaccine Services, LLC	344
Bimeda Biologicals, Inc.	290
Bio-Rad Laboratories (Permittee)	624
BioChek Inc. (Permittee)	588A
Biogal USA, Inc. (Permittee)	454A
Biomune Company	368
Biomune Company	368
Biotech Laboratories U.S.A. LLC	671
Biotech Laboratories U.S.A. LLC	671
Biovet Inc.	337
Biovet USA Inc. (Permittee)	600A
Boehringer Ingelheim Animal Health USA Inc.	124
Boehringer Ingelheim Animal Health USA Inc. (Permittee)	427A

ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**License Number**

Brinton Laboratories Inc.	343
Calbiotech Veterinary Diagnostics	447
Calbiotech Veterinary Diagnostics	447
Cambridge Technologies	464
Central States Testing, LLC	674
Ceva Animal Health, LLC	368
Ceva Animal Health, LLC (Permittee)	368A
Ceva Animal Health, LLC (Permittee)	482A
Chembio Diagnostic Systems, Inc.	645
Colorado Serum Company	188
Dairy Health Laboratories	357
Diamond Animal Health, Inc.	213
Diamond Animal Health, Inc.	213
Diamond Animal Health, Inc. (Permittee)	213A
Elanco US Inc.	196
Elanco US Inc.	196
Elanco US Inc. (Permittee)	303A
Ellie LLC (Permittee)	652A
Endovac Animal Health LLC	345
Epitopix, LLC	365
Equine Resources, LLC	597
Greer Laboratories, Inc.	294
HIPRA USA, LLC (Permittee)	449A

ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Hennessy Research Associates, LLC	597
Huvepharma, Inc.	605
Hygieia Biological Laboratories	407
IDEXX Laboratories, Inc.	313
IDEXX Laboratories, Inc. (Permittee)	313B
ImmuCell Corporation	327
Immuno-Dynamics	379
Immunovet	302
Immvac, Inc.	345
Imu-Tek Animal Health Inc.	395
InBios International, Inc.	543
International Duck Research Cooperative, Inc.	268
Intervet Inc.	165A
Intervet Inc. (Permittee)	311
Kennebec River Biosciences, Inc.	476
Kestrel, Inc.	415
La Belle Associates, Inc.	396
Lake Immunogenics, Inc.	318
Land O'Lakes Animal Milk Products Company (Permittee)	612A
Life Technologies Corporation	432
MT Venom, LLC (Permittee)	444A
MVP adjuvants	301
Medgene Labs	474
Medical Packaging Corporation	607

ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**License Number**

Merck Animal Health	165A
Merck Sharpe and Dohme (MSD)	165A
Mg Biologics, Inc.	614
Modern Veterinary Therapeutics, LLC (Permittee)	544B
Nelco Vet, LLC	359
Neogen Corporation	302
Neotech, LLC	472
Newport Laboratories, Inc.	455
Nextmune US, LLC	403
NovaVive USA Inc.	289
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Pharmgate Biologics Inc.	329
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Phibro Animal Health	301
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Plasvacc USA, Inc.	360
Poultry Health Laboratories	357
Poultry Health Laboratories	357
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Professional Biological Company	188
SA Scientific, Ltd.	373
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ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Sera, Inc.	328
Sera, Inc.	328
SolidTech Animal Health, Inc.	604
Swine Health Laboratories	357
Techmix, LLC	379
Techmix, LLC	379
Tetracore, Inc.	644
Texas A&M AgriLife Research Center	393
Texson Laboratories	315
Thermo Fisher Scientific (Permittee)	582C
Thermo Fisher Scientific Inc.	432
Transboundary Animal Biologics, Inc. (Permittee)	428A
United Biomedical, Inc.	620
United Vaccines, Inc	368
United Vaccines, Inc.	368
VMRD, Inc.	332
Vaxxinova	365
Vaxxinova US	365
Vetbio, Inc.	290
Veterinary Allergy Reference Laboratory	622
Westport Biologics, LLC	597
Zinpro Corporation	439
Zoetis Inc.	190
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ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Zoetis Inc. (Permittee)	190G
Zoetis LLC	190
Zoetis LLC	190
Zoetis, Inc. (Permittee)	190A

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
<p>Boehringer Ingelheim Animal Health USA Inc. <i>Mail:</i> 1730 Olympic Drive Athens, GA 30601</p> <p><i>Type: Licensee</i></p>	124
<p>Intervet Inc. <i>Divisions:</i> Merck Animal Health Merck Sharpe and Dohme (MSD)</p> <p><i>Mail:</i> 21401 West Center Road Elkhorn, NE 68022</p> <p><i>Type: Licensee</i></p>	165A
<p>Colorado Serum Company <i>Subsidiaries:</i> Americana Laboratories, Inc. Professional Biological Company</p> <p><i>Mail:</i> 4950 York Street; P.O. Box 16428 Denver, CO 80216-0428</p> <p><i>Type: Licensee</i></p>	188
<p>Zoetis Inc. <i>Divisions:</i> Zoetis LLC</p> <p><i>Subsidiaries:</i> Zoetis LLC</p> <p><i>Mail:</i> 601 West Cornhusker Highway Lincoln, NE 68521-3577</p> <p><i>Type: Licensee</i></p>	190
<p>Zoetis, Inc. <i>Mail:</i> 601 West Cornhusker Highway Lincoln, NE 68521</p> <p><i>Type: Permittee</i></p>	190A
<p>Zoetis Inc. <i>Mail:</i> 333 Portage Street Kalamazoo, MI 49007</p> <p><i>Type: Permittee</i></p>	190D
<p>Zoetis Inc. <i>Mail:</i> 601 West Cornhusker Highway Lincoln, NE 68521</p>	190G

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Type: Permittee

Elanco US Inc. 196

Subsidiaries: Elanco US Inc.

Mail: 800 Fifth Street NW
Fort Dodge, IA 50501

Type: Licensee

Diamond Animal Health, Inc. 213

Subsidiaries: Diamond Animal Health, Inc.

Mail: 2538 SE 43rd Street
Des Moines, IA 50327-1538

Type: Licensee

Diamond Animal Health, Inc. 213A

Mail: 2538 SE 43rd Street
Des Moines, IA 50327

Type: Permittee

ALK-Abello, Inc. 259

Mail: 2 Channel Drive
Port Washington, NY 11050

Type: Licensee

International Duck Research Cooperative, Inc. 268

Mail: 192 Old Country Road
Eastport, NY 11941

Type: Licensee

NovaVive USA Inc. 289

Mail: 119 Rowe Road
Athens, GA 30601

Type: Licensee

Bimeda Biologicals, Inc. 290

Subsidiaries: Allied Biologics Company, Inc.
Vetbio, Inc.

Mail: 1702 North Bell Street
San Angelo, TX 76903

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Type: Licensee

Greer Laboratories, Inc. **294**

Mail: P.O. Box 800
Lenoir, NC 28645-0800

Type: Licensee

Phibro Animal Health Corporation **301**

Divisions: Phibro Animal Health
MVP adjuvants

Mail: 4805 G Street
Omaha, NE 68117

Type: Licensee

Neogen Corporation **302**

Divisions: Immunovet

Mail: 620 Lesher Place
Lansing, MI 48912

Type: Licensee

Elanco US Inc. **303A**

Mail: 800 5th Street NW
Fort Dodge, IA 50501

Type: Permittee

Intervet Inc. **311**

Mail: 21401 West Center Road
Elkhorn, NE 68022

Type: Permittee

IDEXX Laboratories, Inc. **313**

Mail: One IDEXX Drive
Westbrook, ME 04092

Type: Licensee

IDEXX Laboratories, Inc. **313B**

Mail: One IDEXX Drive
Westbrook, ME 04092

Type: Permittee

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
<p>American Animal Health, Inc.</p> <p><i>Divisions:</i> American Swine Products Texson Laboratories American Embryo Systems</p> <p><i>Mail:</i> 2619 Skyway Drive Grand Prairie, TX 75052</p> <p><i>Type:</i> Licensee</p>	315
<p>PP Manufacturing Corporation</p> <p><i>Mail:</i> 175 Crossing Boulevard, Suite 200 Framingham, MA 01702</p> <p><i>Type:</i> Licensee</p>	317
<p>Lake Immunogenics, Inc.</p> <p><i>Mail:</i> 348 Berg Road Ontario, NY 14519</p> <p><i>Type:</i> Licensee</p>	318
<p>ImmuCell Corporation</p> <p><i>Mail:</i> 56 Evergreen Drive Portland, ME 04103</p> <p><i>Type:</i> Licensee</p>	327
<p>Sera, Inc.</p> <p><i>Subsidiaries:</i> Sera, Inc.</p> <p><i>Mail:</i> P. O. Box 15866 Shawnee Mission, KS 66285-5866</p> <p><i>Type:</i> Licensee</p>	328
<p>Pharmgate Biologics, Inc.</p> <p><i>Subsidiaries:</i> Pharmgate Biologics Inc.</p> <p><i>Mail:</i> 2575 University Avenue West, Suite 100 St. Paul, MN 55114</p> <p><i>Type:</i> Licensee</p>	329
<p>VMRD, Inc.</p> <p><i>Mail:</i> P.O. Box 502 Pullman, WA 99163</p>	332

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Type: Licensee

ARKO Laboratories, Ltd. **337**

Subsidiaries: Biovet Inc.

Mail: P.O. Box 400
1336 Main St.
Jewell, IA 50130

Type: Licensee

Brinton Laboratories Inc. **343**

Mail: 8498 206th Avenue, N.E.
Building B
New London, MN 56273

Type: Licensee

Avian Vaccine Services, LLC **344**

Divisions: AVS Bio

Mail: 67 Baxter Road
Storrs, CT 06268

Type: Licensee

Immvac, Inc. **345**

Subsidiaries: Endovac Animal Health LLC

Mail: 6080 Bass Lane
Columbia, MO 65201

Type: Licensee

Addison Biological Laboratory, Inc. **355**

Mail: Route 3 Box 90-B
Fayette, MO 65248

Type: Licensee

Poultry Health Laboratories **357**

Divisions: Swine Health Laboratories
Dairy Health Laboratories
Poultry Health Laboratories

Mail: 24711 County Road 100A
Davis, CA 95616

Type: Licensee

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
<p>Nelco Vet, LLC</p> <p><i>Mail:</i> 154 Brook Ave. Deer Park, NY 11729</p> <p><i>Type: Licensee</i></p>	359
<p>Plasvacc USA, Inc.</p> <p><i>Mail:</i> 1535 Templeton Road Templeton, CA 93465</p> <p><i>Type: Licensee</i></p>	360
<p>Epitopix, LLC</p> <p><i>Divisions:</i> Vaxxinova US Vaxxinova</p> <p><i>Mail:</i> 1801 Biotech Avenue NE Willmar, MN 56201</p> <p><i>Type: Licensee</i></p>	365
<p>Ceva Animal Health, LLC</p> <p><i>Divisions:</i> Biomune Company United Vaccines, Inc.</p> <p><i>Subsidiaries:</i> United Vaccines, Inc Biomune Company</p> <p><i>Mail:</i> 8906 Rosehill Road Lenexa, KS 66215</p> <p><i>Type: Licensee</i></p>	368
<p>Ceva Animal Health, LLC</p> <p><i>Mail:</i> 8906 Rosehill Road Lenexa, KS 66215</p> <p><i>Type: Permittee</i></p>	368A
<p>SA Scientific, Ltd.</p> <p><i>Mail:</i> 4919 Golden Quail San Antonio, TX 78240</p> <p><i>Type: Licensee</i></p>	373
<p>Techmix, LLC</p> <p><i>Divisions:</i> Immuno-Dynamics Techmix, LLC</p>	379

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Mail: 1800 Dodge Street
Fennimore, WI 53809

Type: Licensee

Texas A&M AgriLife Research Center **393**

Mail: Texas A&M University System
P.O. Box 918
Sonora, TX 76950

Type: Licensee

Imu-Tek Animal Health Inc. **395**

Mail: 3541 East Vine Drive
Fort Collins, CO 80524

Type: Licensee

La Belle Associates, Inc. **396**

Mail: 174 E. 4th Street
Ripon, CA 95366

Type: Licensee

Nextmune US, LLC **403**

Mail: 2801 South 35th Street
Phoenix, AZ 85034

Type: Licensee

Hygieia Biological Laboratories **407**

Mail: P.O. Box 8300
Woodland, CA 95776

Type: Licensee

Kestrel, Inc. **415**

Mail: 9396 Ashworth Road
West Des Moines, IA 50266

Type: Licensee

Boehringer Ingelheim Animal Health USA Inc. **427A**

Mail: 1730 Olympic Drive
Athens, GA 30601

Type: Permittee

Transboundary Animal Biologics, Inc. **428A**

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Mail: 3515 University Blvd
Ames, IA 50010

Type: Permittee

Safepath Laboratories

430

Mail: 5909 Sea Lion Place, Suite D
Carlsbad, CA 92010

Type: Licensee

Thermo Fisher Scientific Inc.

432

Divisions: Life Technologies Corporation
Applied Biosystems LLC

Mail: 2130 Woodward Street
Austin, TX 78744

Type: Licensee

Zinpro Corporation

439

Mail: 10400 Viking Drive
Suite 240
Eden Prairie, MN 55344

Type: Licensee

MT Venom, LLC

444A

Mail: 7210 Jordan Ave, D-93
Canoga Park, CA 91303

Type: Permittee

Calbiotech Veterinary Diagnostics

447

Subsidiaries: Calbiotech Veterinary Diagnostics

Mail: 1935 Cordell Court
El Cajon, CA 92020

Type: Licensee

Alta Genetics USA, Inc.

448A

Mail: 625 E. Elizabeth St., P.O. Box 469
Shawano, WI 54166

Type: Permittee

HIPRA USA, LLC

449A

Mail: 3835 Generosity Ct., Suite 108
Garner, NC 27529

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Type: Permittee

Biogal USA, Inc. **454A**

Mail: 647 Michelle Court
Lawrenceville, GA 30044

Type: Permittee

Newport Laboratories, Inc. **455**

Mail: 1520 Prairie Drive
Worthington, MN 56187-0938

Type: Licensee

Cambridge Technologies **464**

Mail: 1525 Bioscience Drive
Worthington, MN 56187

Type: Licensee

Neotech, LLC **472**

Mail: 10061 Highway 22
Dresden, TN 38225

Type: Licensee

Medgene Labs **474**

Mail: 1006 32nd Avenue, Suite 104
Brookings, SD 57006

Type: Licensee

Kennebec River Biosciences, Inc. **476**

Mail: 41 Main Street
Richmond, ME 04357

Type: Licensee

Ceva Animal Health, LLC **482A**

Mail: 8906 Rosehill Road
Lenexa, KS 66215

Type: Permittee

InBios International, Inc. **543**

Mail: 307 Westlake Ave. N., Suite 300
Seattle, WA 98109

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Type: Licensee

Modern Veterinary Therapeutics, LLC

544B

Mail: 15491 SW 12 Street; Bldg D, Unit 403
Sunrise, FL 33326

Type: Permittee

Thermo Fisher Scientific

582C

Mail: 2130 Woodward Street
Austin, TX 78744

Type: Permittee

BioChek Inc.

588A

Mail: 3 Southgate Road
Building 1 Unit 2
Scarborough, ME 04074

Type: Permittee

Hennessy Research Associates, LLC

597

Subsidiaries: Equine Resources, LLC
Westport Biologics, LLC

Mail: 7940 Marshall Drive
Lenexa, KS 66214

Type: Licensee

Biovet USA Inc.

600A

Mail: 1502 East 122nd Street
Burnsville, MN 55337

Type: Permittee

SolidTech Animal Health, Inc.

604

Mail: 812 NE 24th Street
P.O. Box 790
Newcastle, OK 73065-0790

Type: Licensee

Huvepharma, Inc.

605

Mail: 520 West Industrial Lake Drive
Lincoln, NE 68528

Type: Licensee

Medical Packaging Corporation

607

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Mail: 941 Avenida Acaso
Camarillo, CA 93012-8700

Type: Licensee

Land O'Lakes Animal Milk Products Company

612A

Mail: W9912 West Bauer Road
Black River Falls, WI 54615

Type: Permittee

Mg Biologics, Inc.

614

Mail: 2366 270th Street
Ames, IA 50014

Type: Licensee

United Biomedical, Inc.

620

Mail: 25 Davids Drive
Hauppauge, NY 11788

Type: Licensee

Veterinary Allergy Reference Laboratory

622

Mail: P.O. Box 41059
Pasadena, CA 91114

Type: Licensee

Bio-Rad Laboratories

624

Mail: 2000 Alfred Nobel Drive
Life Science Group
Hercules, CA 94547

Type: Permittee

Princeton BioMeditech Corporation

631

Mail: 4242 US Highway 1
Monmouth Junction, NJ 08852

Type: Licensee

Sass & Sass, Inc.

637

Mail: 115A Flint Road
Oak Ridge, TN 37830

Type: Licensee

Tetracore, Inc.

644

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Mail: 77 Upper Rock Circle, Suite 600
Rockville, MD 20850

Type: Licensee

Chembio Diagnostic Systems, Inc.

645

Mail: 3661 Horseblock Road
Medford, NY 11763

Type: Licensee

Ellie LLC

652A

Mail: N114 W19320 Clinton Drive, Unit 5
Germantown, WI 53022

Type: Permittee

Biotech Laboratories U.S.A. LLC

671

Subsidiaries: Biotech Laboratories U.S.A. LLC

Mail: 12300 Washington Ave.
Rockville, MD 20852

Type: Licensee

Central States Testing, LLC

674

Mail: 1797 Road PP
Sublette, KS 67877

Type: Licensee

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Anthrax Spore Vaccine</u>	
1011.00	Nonencapsulated Live Culture	188
	<u>Arthrobacter Vaccine</u>	
1K11.00	Live Culture	303A
	<u>Autogenous Vaccine</u>	
1018.00	Killed Fungus	268
1015.00	Killed Virus	124
1015.10	Killed Virus	165A 196 368 407
1015.20	Killed Virus	213 290 337 455 464 597 605
1015.21	Killed Virus	213 301 368
1015.50	Killed Virus	290
1015.90	Killed Virus	188 365
1015.I2	Killed Virus	604
	<u>Avian Encephalomyelitis Vaccine</u>	
1051.10	Live Virus	407
1051.11	Live Virus	124 165A 190
	<u>Avian Encephalomyelitis-Chicken Anemia Virus-Fowl Pox Vaccine</u>	
10T1.40	Live & Modified Live Virus	165A
	<u>Avian Encephalomyelitis-Fowl Pox Vaccine</u>	
10M1.10	Live Virus	124 190 407
10M1.14	Live Virus	165A
10M1.40	Live Virus	368
	<u>Avian Encephalomyelitis-Fowl Pox-Laryngotracheitis Vaccine</u>	
10S1.R0	Live Virus, Live Fowl Pox Vector	368
	<u>Avian Encephalomyelitis-Fowl Pox-Mycoplasma Gallisepticum Vaccine</u>	
1D61.R0	Live Fowl Pox Vector, Live Virus	368
	<u>Avian Encephalomyelitis-Fowl Pox-Pigeon Pox Vaccine</u>	
10M2.10	Live Virus	407

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Avian Influenza Vaccine</u>	
1057.D0	H5 Subtype, DNA	605*
1057.R1	H5N1 Subtype, Killed Virus	190*
1057.R3	H5N3 Subtype, Killed Virus	190
	<u>Avian Influenza-Bursal Disease-Marek's Disease Vaccine</u>	
1L81.R0	H5 Subtype, Serotype 3, Live Marek's Disease Vector	124
	<u>Avian Influenza-Fowl Pox Vaccine</u>	
1061.R0	H5 Subtype, Live Fowl Pox Vector	124
	<u>Avian Influenza-Marek's Disease Vaccine</u>	
1062.R0	H5 Subtype, Serotype 3, Live Marek's Disease Vector	368
	<u>Avian Paramyxovirus Vaccine</u>	
10C5.11	Type 1, Killed Virus	337*
	<u>Avian Pneumovirus Vaccine</u>	
1A31.20	Modified Live Virus	368
	<u>Avian Polyomavirus Vaccine</u>	
1A15.00	Killed Virus	605
	<u>Avian Reovirus Vaccine</u>	
1045.00	Killed Virus	190
1045.01	Killed Virus	124
1045.02	Killed Virus	196
1045.21	Killed Virus	368*
1045.30	Killed Virus	368
	<u>Bluetongue Vaccine</u>	
1061.00	Modified Live Virus	188
	<u>Bordetella Avium Vaccine</u>	
1021.01	Avirulent Live Culture	165A 337
	<u>Bordetella Bronchiseptica Vaccine, Avirulent Live Culture</u>	
1081.04		124
1081.05		124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bordetella Bronchiseptica Vaccine</u>	
1081.00	Avirulent Live Culture	190 301 355
1081.01	Avirulent Live Culture	165A 190
1081.02	Avirulent Live Culture	165A 190 196
	<u>Bovine Coronavirus Vaccine</u>	
19N1.20	Modified Live Virus	165A
	<u>Bovine Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u>	
1161.20	Modified Live Virus	213
	<u>Bovine Respiratory Syncytial Virus Vaccine</u>	
1091.20	Modified Live Virus	213
	<u>Bovine Rhinotracheitis Vaccine</u>	
1105.20	Killed Virus	213
1101.00	Modified Live Virus	188
1101.20	Modified Live Virus	124 213
1101.21	Modified Live Virus	124 190 290
	<u>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine</u>	
1121.00	Modified Live Virus	188
1121.20	Modified Live Virus	213
1121.21	Modified Live Virus	190
1121.22	Modified Live Virus	290
1121.31	Modified Live Virus	165A
	<u>Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u>	
1071.20	Modified Live Virus	124 165A 190 213
1071.21	Modified Live Virus	290
1071.22	Modified Live Virus	190
1071.23	Modified Live Virus	190
	<u>Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus-Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u>	
11C8.20	Modified Live Virus, Avirulent Live Culture	165A

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine</u>	<i>*Conditional License</i>
1155.20	Killed Virus	213
1151.00	Modified Live Virus	188
1151.20	Modified Live Virus	213 290
1151.22	Modified Live Virus	124
1151.23	Modified Live Virus	124
1151.26	Modified Live Virus	124 190
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine</u>	
1171.00	Modified Live Virus	188
1171.20	Modified Live Virus	213
1171.24	Modified Live Virus	190
1171.27	Modified Live Virus	190
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u>	
1185.20	Killed Virus	196
1185.23	Killed Virus	124
1187.20	Modified Live & Killed Virus	213
1187.21	Modified Live & Killed Virus	124 190
1187.25	Modified Live & Killed Virus	190
1181.20	Modified Live Virus	213
1181.21	Modified Live Virus	124 290
1181.22	Modified Live Virus	165A 290
1181.23	Modified Live Virus	190
1181.24	Modified Live Virus	124
1181.25	Modified Live Virus	124
1181.26	Modified Live Virus	124
1181.28	Modified Live Virus	190
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus-Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u>	
11A8.22	Modified Live Virus, Avirulent Live Culture	165A
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Respiratory Syncytial Virus Vaccine</u>	
11A1.20	Modified Live Virus	213
	<u>Bovine Rotavirus-Coronavirus Vaccine</u>	
1935.20	Killed Virus	196
1931.20	Modified Live Virus	190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bovine Virus Diarrhea Vaccine</u>	
1205.20	Killed Virus	213
1205.21	Killed Virus	190
1205.22	Killed Virus	124
1205.25	Killed Virus	190
1201.00	Modified Live Virus	188
1201.20	Modified Live Virus	165A 213 290
1201.22	Modified Live Virus	190
	<u>Bronchitis Vaccine</u>	
1231.1M	Ark Type, Live Virus	190
1231.20	Ark Type, Live Virus	124 196
1231.21	Ark Type, Live Virus	124 165A
1231.22	Ark Type, Live Virus	124
1231.15	Conn Type, Live Virus	124
1231.1C	Conn Type, Live Virus	124
1231.1D	Delaware Type, Modified Live Virus	165A
1231.1J	Georgia Type, Live Virus	190 368
1231.1L	Georgia Type, Live Virus	165A 190 368
1231.13	Mass & Ark Types, Live Virus	165A 190
1231.14	Mass & Conn Types, Live Virus	124 190
1231.1G	Mass & Conn Types, Live Virus	165A
1231.11	Mass Type, Live Virus	190 368
1231.12	Mass Type, Live Virus	368
1231.1A	Mass Type, Live Virus	165A
1232.10	Mass Type, Live Virus	124
1232.11	Mass Type, Live Virus	124
1232.15	Mass Type, Live Virus	124
1233.10	Mass Type, Live Virus	124
	<u>Brucella Abortus Vaccine</u>	
1251.01	Strain 19, Live Culture	188
1251.02	Strain 19, Live Culture, Reduced Dose	188
1261.00	Strain RB-51, Live Culture	188

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bursal Disease Vaccine</u>	
1275.00	Killed Virus	190
1271.00	Live Virus	165A 190
1271.01	Live Virus	124
1271.02	Live Virus	196
1271.0A	Live Virus	124 190
1271.10	Live Virus	124 190
1271.12	Live Virus	124 165A
1271.13	Live Virus	124
1271.17	Live Virus	165A
1271.19	Live Virus	165A
1271.41	Live Virus	165A
12B5.40	Standard & Variant, Killed Virus	124 368
12B1.00	Standard & Variant, Live Virus	124
12B1.01	Standard & Variant, Live Virus	124
12B1.02	Standard & Variant, Live Virus	124
12L1.00	Variant, Live Virus	165A
	<u>Bursal Disease-Infectious Laryngotracheitis-Marek's Disease Vaccine</u>	
1J81.R0	Serotype 3, Live Marek's Disease Vector	124
	<u>Bursal Disease-Marek's Disease Vaccine, Serotypes 1 & 3, Live Marek's Disease Vector, Live Herpesvirus Chimera</u>	
1281.R3		124
	<u>Bursal Disease-Marek's Disease Vaccine</u>	
1A88.R0	Serotype 3, Live Marek's Disease Vector	124 368
1A88.R3	Serotype 3, Live Marek's Disease Vector	124 190
1288.42	Serotype 3, Live Virus	124
1288.4A	Serotype 3, Live Virus	124
1281.R1	Serotypes 1 & 3, Live Virus, Live Marek's Disease Vector	368
1288.43	Serotypes 2 & 3, Live Virus	124
1288.44	Serotypes 2 & 3, Live Virus	124
1288.45	Serotypes 2 & 3, Live Virus	124
1A88.R2	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	124 368
12C8.40	Standard & Variant, Serotype 3, Live Virus	124
12C8.43	Standard & Variant, Serotype 3, Live Virus	124
12C8.42	Standard & Variant, Serotypes 2 & 3, Live Virus	124
12C8.44	Standard & Variant, Serotypes 2 & 3, Live Virus	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>Bursal Disease-Marek's Disease-Newcastle Disease Vaccine</u>		
1A89.R0	Serotype 3, Live Marek's Disease Vector	190 368
1A89.R1	Serotype 3, Live Marek's Disease Vector	124 165A
1A91.R1	Serotypes 1 & 3, Live Virus, Live Marek's Disease Vector	368
1A91.R2	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	368
<u>Bursal Disease-Newcastle Disease-Bronchitis Vaccine</u>		
12H1.67	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	124
12D5.45	Standard & Variant, Mass & Ark Types, Killed Virus	124
<u>Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine</u>		
12M5.40	Killed Virus	190
12M5.91	Mass Type, Killed Virus	196
12M5.41	Standard & Variant, Mass & Ark Types, Killed Virus	124
12M5.42	Standard & Variant, Mass & Ark Types, Killed Virus	196
12M5.01	Standard & Variant, Mass Type, Killed Virus	165A 196 368
12M5.44	Standard & Variant, Mass Type, Killed Virus	124
12M5.E0	Standard & Variant, Mass Type, Killed Virus	190 368
<u>Bursal Disease-Newcastle Disease-Reovirus Vaccine</u>		
12P5.40	Standard & Variant, Killed Virus	124
<u>Bursal Disease-Reovirus Vaccine</u>		
12D5.01	Standard & Variant, Killed Virus	124
12D5.03	Standard & Variant, Killed Virus	196
12D5.04	Standard & Variant, Killed Virus	196
12D5.30	Standard & Variant, Killed Virus	165A
12D5.E0	Standard & Variant, Killed Virus	368
12D5.T0	Standard & Variant, Killed Virus	190
<u>Canine Adenovirus Type 2-Parainfluenza-Bordetella Bronchiseptica Vaccine</u>		
12X1.20	Modified Live Virus & Avirulent Live Culture	165A 196
12X1.21	Modified Live Virus & Avirulent Live Culture	124 190
<u>Canine Coronavirus Vaccine</u>		
14P5.20	Killed Virus	165A 190 196
14P5.21	Killed Virus	124
14P5.22	Killed Virus	196

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Canine Coronavirus-Parvovirus Vaccine</u>	
14R7.21	Modified Live & Killed Virus	190
14R7.29	Modified Live & Killed Virus	196
	<u>Canine Distemper Vaccine</u>	
1301.20	Modified Live Virus	472
	<u>Canine Distemper-Adenovirus Type 2 Vaccine</u>	
13A1.20	Modified Live Virus	165A 190 472
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine</u>	
1599.20	Modified Live & Killed Virus	165A
1599.21	Modified Live & Killed Virus	190
1599.24	Modified Live & Killed Virus	124
1599.27	Modified Live & Killed Virus	196
1599.29	Modified Live & Killed Virus	196
1591.R1	Modified Live Virus; Canarypox Vector	124
	<u>Canine Distemper-Adenovirus Type 2-Measles-Parainfluenza Vaccine</u>	
1341.20	Modified Live Virus	190
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza Vaccine</u>	
13C1.20	Modified Live Virus	124 190
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine</u>	
13D1.20	Modified Live Virus	165A
13D1.21	Modified Live Virus	165A
13D1.22	Modified Live Virus	190
13D1.23	Modified Live Virus	124
13D1.24	Modified Live Virus	124
13D1.25	Modified Live Virus	124
13D1.29	Modified Live Virus	196
13D1.R1	Modified Live Virus, Canarypox Vector	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine</u>	
1331.20	Modified Live Virus	165A
1331.22	Modified Live Virus	124
1331.23	Modified Live Virus	196
1331.27	Modified Live Virus	190
1331.R1	Modified Live Virus, Canarypox Vector	124
	<u>Canine Distemper-Measles Vaccine</u>	
1351.20	Modified Live Virus	190
	<u>Canine Distemper-Parvovirus Vaccine</u>	
13P1.20	Modified Live Virus	165A
	<u>Canine Influenza Vaccine, H3N2 & H3N8</u>	
15Q5.20	Killed Virus	165A 190
	<u>Canine Influenza Vaccine</u>	
15P5.20	H3N2, Killed Virus	165A 190
15K5.20	H3N8, Killed Virus	165A
	<u>Canine Parainfluenza-Bordetella Bronchiseptica Vaccine, Modified Live Virus, Avirulent Live Culture</u>	
14M1.23		165A
	<u>Canine Parainfluenza-Bordetella Bronchiseptica Vaccine</u>	
14M1.20	Modified Live Virus, Avirulent Live Culture	190
14M1.22	Modified Live Virus, Avirulent Live Culture	124 165A
	<u>Chicken Anemia Virus Vaccine</u>	
10A1.00	Live Virus	368
10A1.10	Modified Live Virus	165A
	<u>Chlamydia Psittaci Vaccine</u>	
1585.20	Killed Chlamydia	196
	<u>Clostridium Perfringens Type A Vaccine</u>	
1U11.R0	Live Salmonella Vector	605
1U11.R1	Live Salmonella Vector	605

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Coccidiosis Vaccine</u>	
1431.50	Live Oocysts	368
1431.51	Live Oocysts	124 368
1431.56	Live Oocysts	368 605
1431.58	Live Oocysts	605
1431.59	Live Oocysts	605
1431.5A	Live Oocysts	165A 605
1431.5B	Live Oocysts	605
1431.5E	Live Oocysts	165A
1431.55	Live Oocysts, Chicken Isolates	165A
	<u>Distemper Vaccine</u>	
1471.R0	Live Canarypox Vector	124
	<u>Duck Virus Enteritis Vaccine</u>	
1461.10	Modified Live Virus	268
	<u>Duck Virus Hepatitis Vaccine</u>	
14B1.10	Modified Live Virus	268
	<u>Edwardsiella Ictaluri Vaccine</u>	
1531.00	Avirulent Live Culture	165A
	<u>Encephalomyelitis-West Nile Virus Vaccine</u>	
14W5.22	Eastern & Western, Killed Virus	190
	<u>Epizootic Bovine Abortion Agent Vaccine</u>	
1544.00	Live Culture	407*
	<u>Equine Arteritis Vaccine</u>	
1531.20	Modified Live Virus	190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Equine Influenza Vaccine</u>	
1505.10	Killed Virus	329
1505.22	Killed Virus	124
1505.23	Killed Virus	124
1505.25	Killed Virus	190
1505.28	Killed Virus	124
1501.10	Modified Live Virus	213
1501.20	Modified Live Virus	165A 213
	<u>Equine Rhinopneumonitis Vaccine</u>	
1525.20	Killed Virus	124
1525.21	Killed Virus	124 165A 190
1525.22	Killed Virus	124 165A
1525.24	Killed Virus	190
1521.22	Modified Live Virus	124
	<u>Equine Rhinopneumonitis-Influenza Vaccine</u>	
1515.21	Killed Virus	124
1515.22	Killed Virus	124
1515.24	Killed Virus	165A
1515.27	Killed Virus	190
1515.2A	Killed Virus	124
	<u>Equine Rotavirus Vaccine</u>	
1E15.20	Killed Virus	190*
	<u>Erysipelothrix Rhusiopathiae Vaccine</u>	
1541.00	Avirulent Live Culture	124 337
1541.01	Avirulent Live Culture	124 190 337
1541.03	Avirulent Live Culture	337
1541.04	Avirulent Live Culture	337
	<u>Escherichia Coli Vaccine</u>	
1551.02	Avirulent Live Culture	213 337
1551.03	Avirulent Live Culture	337
15R1.00	Avirulent Live Culture	337
1551.R0	Live Culture	190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Feline Calicivirus Vaccine</u>	
15C5.22	Killed Virus	196
15C1.22	Modified Live Virus	213
	<u>Feline Immunodeficiency Virus Vaccine</u>	
15A5.21	Killed Virus	124* 196
15A5.22	Killed Virus	124
15A5.23	Killed Virus	196
	<u>Feline Infectious Peritonitis Vaccine</u>	
15A1.20	Modified Live Virus	190
	<u>Feline Leukemia Vaccine</u>	
1555.20	Killed Virus	165A
1555.22	Killed Virus	190
1555.R1	Killed Virus	196
1555.R5	Killed Virus	196
1555.R4	Live Canarypox Vector	124
	<u>Feline Leukemia-Chlamydia Psittaci Vaccine</u>	
1A69.20	Killed Virus, Killed Chlamydia	196
	<u>Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia Vaccine</u>	
15B5.21	Killed Virus	196
15B5.22	Killed Virus	196
15B9.20	Modified Live & Killed Virus	165A
15B9.21	Modified Live & Killed Virus	196
	<u>Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine</u>	
1559.20	Killed Virus, Killed Chlamydia	196
1559.22	Killed Virus, Killed Chlamydia	124
1559.23	Killed Virus, Killed Chlamydia	196
1559.2C	Modified Live & Killed Virus, Killed Chlamydia	196
1559.2B	Modified Live & Killed Virus, Modified Live Chlamydia	165A
	<u>Feline Panleukopenia Vaccine</u>	
1561.20	Modified Live Virus	165A
1561.23	Modified Live Virus	213

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Feline Rhinotracheitis Vaccine</u>	
16A1.22	Modified Live Virus	213
	<u>Feline Rhinotracheitis-Calici-Panleukopenia Vaccine</u>	
16D5.20	Killed Virus	196
16D5.21	Killed Virus	124
16D5.22	Killed Virus	196
16D5.23	Killed Virus	196
16D7.20	Modified Live & Killed Virus	196
16D1.20	Modified Live Virus	165A 190
16D1.21	Modified Live Virus	124
16D1.22	Modified Live Virus	165A 196 213
16D8.21	Modified Live Virus	124
	<u>Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine</u>	
16E5.20	Killed Virus, Killed Chlamydia	196
16E5.22	Killed Virus, Killed Chlamydia	124
16E5.23	Killed Virus, Killed Chlamydia	196
16E6.20	Modified Live Virus, Killed Chlamydia	196
16E1.20	Modified Live Virus, Modified Live Chlamydia	165A 190
16E8.20	Modified Live Virus, Modified Live Chlamydia	124
	<u>Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine</u>	
1619.R1	Modified Live Virus and Chlamydia, Canarypox Vector	124
	<u>Feline Rhinotracheitis-Calici-Panleukopenia-Rabies Vaccine</u>	
16T9.R0	Modified Live Virus, Canarypox Vector	124
	<u>Feline Rhinotracheitis-Calicivirus Vaccine</u>	
16C1.20	Modified Live Virus	190
16C1.21	Modified Live Virus	165A
16C1.22	Modified Live Virus	213
	<u>Flavobacterium Columnare Vaccine</u>	
17F1.00	Avirulent Live Culture	165A
	<u>Fowl Laryngotracheitis Vaccine</u>	
1601.01	Modified Live Virus	165A
1601.11	Modified Live Virus	124 190 196

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Fowl Laryngotracheitis-Marek's Disease Vaccine</u>	
16J1.R1	Serotype 3, Live Marek's Disease Vector	165A 368
16J1.R3	Serotype 3, Live Marek's Disease Vector	165A
16J1.R4	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	368
16J1.R2	Serotypes 2 & 3, Modified Live & Live Marek's Disease Vector	165A
	<u>Fowl Pox Vaccine</u>	
1621.00	Live Virus	190 368
1621.10	Live Virus	196 407
1621.11	Live Virus	190
1621.14	Live Virus	165A
1622.00	Live Virus	124
	<u>Fowl Pox-Laryngotracheitis Vaccine</u>	
1F31.R0	Live Fowl Pox Vector	368
1F31.R1	Live Fowl Pox Vector	368
	<u>Fowl Pox-Marek's Disease Vaccine</u>	
15E2.00	Serotype 3, Live Virus	124
	<u>Fowl Pox-Mycoplasma Gallisepticum Vaccine</u>	
1D51.R0	Live Fowl Pox Vector	368
	<u>Glaesserella Parasuis Vaccine</u>	
19J1.00	Avirulent Live Culture	124
	<u>Hemorrhagic Enteritis Vaccine</u>	
17E1.20	Live Virus	165A 337 343 368 407
	<u>Infectious Laryngotracheitis-Marek's Disease-Newcastle Disease Vaccine</u>	
1C91.R0	Serotype 3, Live Marek's Disease Vector	165A
1C91.R1	Serotype 3, Live Marek's Disease Vector	165A
	<u>Lawsonia Intracellularis Vaccine</u>	
10L1.00	Avirulent Live Culture	124
10L1.01	Avirulent Live Culture	124
10L1.20	Avirulent Live Culture	337

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u>	
1861.01	Avirulent Live Culture	165A
1861.02	Avirulent Live Culture	165A
	<u>Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus, Live Herpesvirus Chimera</u>	
16G1.R0		124
	<u>Marek's Disease Vaccine</u>	
16L1.R0	Serotype 1, Live Herpesvirus Chimera	124
16L1.00	Serotype 1, Live Virus	124 165A 368
16L1.04	Serotype 1, Live Virus	190
16L1.09	Serotype 1, Live Virus	190
1631.00	Serotype 2, Live Virus	124
1631.02	Serotype 2, Live Virus	368
1631.04	Serotype 2, Live Virus	124
1631.10	Serotype 2, Live Virus	165A
1641.00	Serotype 3, Live Virus	124 190
1641.01	Serotype 3, Live Virus	190
1641.02	Serotype 3, Live Virus	190
1641.05	Serotype 3, Live Virus	124
16L1.06	Serotype 3, Live Virus	368
16G1.02	Serotypes 1 & 3, Live Virus	190
16G1.04	Serotypes 1 & 3, Live Virus	190
16L1.02	Serotypes 1 & 3, Live Virus	124 165A 368
1651.00	Serotypes 2 & 3, Live Virus	124
1651.01	Serotypes 2 & 3, Live Virus	124
16G1.00	Serotypes 2 & 3, Live Virus	190
16L1.07	Serotypes 2 & 3, Live Virus	368
	<u>Marek's Disease-Newcastle Disease Vaccine</u>	
16N1.R0	Serotype 3, Live Marek's Disease Vector	124 165A 190 368
16N1.R3	Serotype 3, Live Marek's Disease Vector	124 368
16N1.R1	Serotypes 1 & 3, Live Virus, Live Marek's Disease Vector	368
17H1.R1	Serotypes 2 & 3, Live Virus & Live Marek's Disease Vector	124
17H1.R2	Serotypes 2 & 3, Live Virus & Live Marek's Disease Vector	124 165A 368
	<u>Marek's Disease-Tenosynovitis Vaccine</u>	
16T1.00	Serotypes 2 & 3, Live & Modified Live Virus	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Mink Coronavirus Vaccine</u>	
19X5.R1	Subunit	190*
	<u>Mink Distemper Vaccine</u>	
1451.00	Modified Live Virus	368
	<u>Mink Distemper-Enteritis Vaccine</u>	
1679.31	Modified Live & Killed Virus	368
	<u>Mink Enteritis Vaccine</u>	
1685.21	Killed Virus	368
	<u>Mycoplasma Bovis Vaccine</u>	
1750.00	Avirulent Live Culture	190
	<u>Mycoplasma Gallisepticum Vaccine</u>	
1751.00	Live Culture	124 165A 196
1751.01	Live Culture	165A 190
	<u>Newcastle Disease Vaccine</u>	
1711.10	B1 Type, B1 Strain, Live Virus	190
1711.12	B1 Type, B1 Strain, Live Virus	124
1711.18	B1 Type, B1 Strain, Live Virus	190
17A2.10	B1 Type, B1 Strain, Live Virus	124
17B1.10	B1 Type, C2 Strain, Live Virus	165A
1721.10	B1 Type, LaSota Strain, Live Virus	190 196
1721.11	B1 Type, LaSota Strain, Live Virus	124
1721.16	B1 Type, LaSota Strain, Live Virus	165A
1721.17	B1 Type, LaSota Strain, Live Virus	165A
1705.10	Killed Virus	190
1705.15	Killed Virus	196
1701.10	VG/GA Strain, Live Virus	124
17A2.V2	VG/GA Strain, Live Virus	124
17A2.V3	VG/GA Strain, Live Virus	124
	<u>Newcastle Disease-Fowl Pox Vaccine</u>	
17C1.R0	Live Fowl Pox Vector	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Newcastle-Bronchitis Vaccine</u>	
17A1.1L	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	165A
17A1.1M	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	124
17A2.1M	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	124
1761.14	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	124 190
1761.17	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	196
1762.1H	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	124
1762.1J	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	124
1791.14	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	165A
1761.11	B1 Type, B1 Strain, Mass Type, Live Virus	124 190
1761.12	B1 Type, B1 Strain, Mass Type, Live Virus	196
1761.18	B1 Type, B1 Strain, Mass Type, Live Virus	190
1762.11	B1 Type, B1 Strain, Mass Type, Live Virus	124
1XC1.10	B1 Type, C2 Strain, Mass & Conn Types, Live Virus	165A
1XB1.10	B1 Type, C2 Strain, Mass Type, Live Virus	165A
17B1.17	B1 Type, LaSota Strain, Mass & Conn Types; Live Virus	165A
1771.11	B1 Type, LaSota Strain, Mass Type, Live Virus	124 190
1771.12	B1 Type, LaSota Strain, Mass Type, Live Virus	124 190
1771.18	B1 Type, LaSota Strain, Mass Type, Live Virus	196
1785.12	Mass & Ark Types, Killed Virus	124
1776.10	Mass Type, Killed Virus	190
1785.11	Mass Type, Killed Virus	196
17V1.10	VG/GA Strain, Mass & Conn Types, Live Virus	124
	<u>Newcastle-Paramyxovirus Vaccine</u>	
17P5.10	Type 3, Killed Virus	196
	<u>Ovine Ecthyma Vaccine</u>	
1821.00	Live Virus	188
1821.51	Live Virus	290
	<u>Parainfluenza 3 Vaccine</u>	
1841.00	Modified Live Virus	188
1841.20	Modified Live Virus	213

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Parvovirus Vaccine</u>	
18P5.R0	Killed Baculovirus Vector	124
18M1.20	Modified Live Virus	165A 472
18M1.23	Modified Live Virus	190
18M1.25	Modified Live Virus	124
18M1.26	Modified Live Virus	124
18M1.29	Modified Live Virus	196
	<u>Pasteurella Multocida Vaccine</u>	
1871.03	Avirulent Live Culture, Avian Isolate	165A
1871.04	Avirulent Live Culture, Avian Isolate	165A 190
	<u>Pigeon Pox Vaccine</u>	
1881.10	Live Virus	124 407
1881.12	Live Virus	165A
	<u>Porcine Circovirus Vaccine</u>	
19K5.R1	Type 1 - Type 2 Chimera, Killed Virus	190
19K5.R3	Type 1 - Type 2 Chimera, Killed Virus	190
19K5.R5	Type 1 - Type 2 Chimera, Killed Virus	190
19K5.R0	Type 2, Killed Baculovirus Vector	124 165A 329
19K5.R2	Type 2, Killed Baculovirus Vector	124
19K5.R4	Type 2, Killed Baculovirus Vector	124 165A
	<u>Porcine Epidemic Diarrhea Vaccine</u>	
19U5.20	Killed Virus	190*
19U5.P1	RNA Particle Platform	165A *
	<u>Porcine Reproductive & Respiratory Syndrome Vaccine</u>	
19T1.20	Reproductive & Respiratory Forms, Modified Live Virus	124 165A 190 196
19T1.21	Reproductive & Respiratory Forms, Modified Live Virus	124 165A
19Q1.20	Reproductive Form, Modified Live Virus	124 165A
19S1.22	Respiratory Form Modified Live Virus	165A
19S1.20	Respiratory Form, Modified Live Virus	196
19S1.21	Respiratory Form, Modified Live Virus	190
19S1.23	Respiratory Form, Modified Live Virus	124
19S1.R0	Respiratory Form, Modified Live Virus	329

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Porcine Reproductive & Respiratory Syndrome-Circovirus Vaccine</u>	
19P9.R1	Respiratory Form, Type 2, Modified Live Virus, Killed Baculovirus Vector	124
	<u>Porcine Reproductive & Respiratory Syndrome-Parvovirus Vaccine</u>	
1P29.R0	Reproductive Form, Modified Live Virus, Killed Baculovirus Vector	124
	<u>Porcine Rotavirus Vaccine</u>	
19E1.20	Modified Live Virus	165A
19E1.21	Modified Live Virus	165A
	<u>Porcine Rotavirus-Transmissible Gastroenteritis Vaccine</u>	
19H1.20	Modified Live Virus	165A
	<u>Pseudorabies Vaccine</u>	
1891.20	Modified Live Virus	124
1891.22	Modified Live Virus	190
1891.23	Modified Live Virus	190
1891.R2	Modified Live Virus	165A
	<u>Rabbit Hemorrhagic Disease Vaccine</u>	
1R00.R0	Serotype 2, Killed Baculovirus Vector	474*
	<u>Rabies Vaccine, Killed Virus</u>	
1905.27		124 190
	<u>Rabies Vaccine</u>	
1905.20	Killed Virus	124 165A
1905.21	Killed Virus	196
1905.22	Killed Virus	165A
1905.23	Killed Virus	165A
1905.24	Killed Virus	190 196
1905.25	Killed Virus	124
1905.26	Killed Virus	124
1901.R1	Live Canarypox Vector	124
1901.R4	Live Canarypox Vector	124
1901.R0	Live Vaccinia Vector	124
1905.D1	RNA Particle	165A

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Riemerella Anatipestifer Vaccine</u>	
1811.00	Avirulent Live Culture	268
	<u>Salmonella Choleraesuis Vaccine</u>	
19A1.00	Avirulent Live Culture	124 165A 337
19A1.01	Avirulent Live Culture	337
	<u>Salmonella Choleraesuis-Typhimurium Vaccine</u>	
19A2.00	Avirulent Live Culture	124
19A2.01	Avirulent Live Culture	124
	<u>Salmonella Dublin Vaccine</u>	
19D1.R0	Live Culture	124
	<u>Salmonella Typhimurium Vaccine</u>	
19C1.00	Live Culture	190
19C1.01	Live Culture	196
19C1.02	Live Culture	196
	<u>Streptococcus Equi Vaccine</u>	
1831.00	Live Culture	190
	<u>Swine Influenza Vaccine</u>	
19A5.D3	DNA	605
19A5.28	H1N1 & H1N2 & H3N2, Killed Virus	196
19A5.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
19A5.2C	H1N1 & H1N2 & H3N2, Killed Virus	190
19A5.22	H1N1 & H3N2, Killed Virus	190 196
19A5.R9	H3, Killed Baculovirus Vector	474
19A5.RA	H3, Killed Baculovirus Vector	474
19A5.R8	N1 & N2, RNA Particle	165A
19A5.2P	pH1N1, Killed Virus	190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Tenosynovitis Vaccine</u>	
1951.10	Live Virus	165A
1951.01	Modified Live Virus	190
1951.02	Modified Live Virus	165A
1951.03	Modified Live Virus	124
1951.04	Modified Live Virus	165A
1951.11	Modified Live Virus	165A
1952.01	Modified Live Virus	124
	<u>Trichomonas Foetus Vaccine</u>	
1859.00	Killed Protozoa	124
	<u>Wart Vaccine</u>	
1985.50	Killed Virus	188
	<u>West Nile Virus Vaccine</u>	
1995.R2	Killed Flavivirus Chimera	165A
1995.20	Killed Virus	124 190
1995.21	Killed Virus	124
1995.22	Killed Virus	124*

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
		*Conditional License					
	<u>Actinobacillus Pleuropneumoniae Bacterin</u>						
2657.00		301					
2657.03		190					
	<u>Actinobacillus Pleuropneumoniae-Glaesserella Parasuis-Pasteurella Multocida Bacterin</u>						
2674.00		196					
	<u>Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin</u>						
2138.02		303A					
	<u>Autogenous Bacterial Extract</u>						
2052.00		365					
2052.01		365					
	<u>Autogenous Bacterin</u>						
2051.00		188	213	268	290	301	315
		337	355	357	365	368	407
		455	464	474	476	597	
2051.01		124	368	597	605		
2051.04		196					
2051.12		604					
	<u>Autogenous Bacterin-Bacterial Extract</u>						
2053.00		365					
	<u>Avibacterium Paragallinarum Bacterin</u>						
2658.00		165A					
2658.11		190					
2658.12		196					
	<u>Bordetella Bronchiseptica Bacterin</u>						
2100.02		190					
	<u>Borrelia Burgdorferi Bacterial Extract</u>						
2126.R0		124					
2126.R1		190					

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Borrelia Burgdorferi Bacterin</u>	
2126.00		190 196
2126.01		165A 196
2126.R3		597*
	<u>Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
2146.00		196
	<u>Campylobacter Fetus Bacterin</u>	
2862.10		188 190
	<u>Campylobacter Fetus-Jejuni Bacterin</u>	
2860.00		407*
2861.00		188
	<u>Campylobacter Fetus-Jejuni-Chlamydia Abortus Bacterin</u>	
2119.00		188
	<u>Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2863.00		188
2863.01		124 165A 190
2863.02		190
2863.05		196
2863.07		190 196
	<u>Chlamydia Abortus Bacterin</u>	
2120.00		188
2120.10		188
	<u>Clostridium Chauvoei-Septicum Bacterin</u>	
2401.01		188
	<u>Clostridium Chauvoei-Septicum-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>	
2460.01		188
	<u>Clostridium Haemolyticum Bacterin</u>	
2465.00		188

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Erysipelothrix Rhusiopathiae Bacterin</u>	
2641.00		329
2641.01		190
2641.02		190
	<u>Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2642.02		190
	<u>Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u>	
2A41.00		190
2A41.01		190
	<u>Escherichia Coli Bacterial Extract</u>	
264E.01		365
264E.06		365
	<u>Escherichia Coli Bacterin</u>	
2648.00		357 407
2648.07		196
2648.53		196
26R8.56		190
	<u>Escherichia Coli-Riemerella Anatipestifer Bacterin</u>	
2850.00		268
	<u>Escherichia Coli-Salmonella Enteritidis Bacterial Extract</u>	
27A6.00		365
	<u>Fusobacterium Necrophorum Bacterin</u>	
2556.00		196
	<u>Glaesserella Parasuis Bacterin</u>	
2652.00		124 196
2652.01		190
	<u>Glaesserella Parasuis-Mycoplasma Hyopneumoniae Bacterin</u>	
2565.03		190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Haemophilus Somnus Bacterin</u>	
2659.00		124 190 196
	<u>Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2663.00		124
	<u>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>	
2660.00		124
	<u>Klebsiella Pneumoniae Bacterial Extract</u>	
2879.00		365
	<u>Lawsonia Intracellularis Bacterin</u>	
2799.20		165A 190
2799.21		165A
	<u>Leptospira Canicola Bacterin</u>	
2661.00		188
	<u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2665.00		124 213
2665.01		188 190 196
2665.02		124 165A 190
2665.06		190
2665.07		196
	<u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
2668.02		196
2668.05		196
2668.06		124
	<u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
2668.00		124 165A 190
2668.03		165A
	<u>Leptospira Canicola-Icterohaemorrhagiae Bacterin</u>	
2671.00		188 190
2671.02		124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Leptospira Grippytyphosa Bacterin</u>	
2675.00		188
	<u>Leptospira Grippytyphosa-Hardjo-Pomona Bacterin</u>	
2681.00		188
	<u>Leptospira Hardjo Bacterin</u>	
26M7.01		190
	<u>Leptospira Hardjo-Pomona Bacterin</u>	
26M1.00		124
	<u>Leptospira Icterohaemorrhagiae Bacterin</u>	
2874.00		190
	<u>Leptospira Pomona Bacterin</u>	
2691.00		188 213
2691.01		190
	<u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>	
2700.00		188
	<u>Moraxella Bovis Bacterin</u>	
2772.00		124 196 355
2772.03		165A
2772.10		604
	<u>Moraxella Bovoculi Bacterin</u>	
2A77.00		355*
	<u>Mycoplasma Bovis Bacterin</u>	
2760.01		290 315
	<u>Mycoplasma Gallisepticum Bacterin</u>	
2774.00		190 196
2774.01		165A

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Mycoplasma Hyopneumoniae Bacterin</u>	
2775.00		190 196 329
2775.01		165A 190 329
2775.02		124 165A 190
2775.04		190
2775.05		190
2775.06		329
	<u>Mycoplasma Hyorhinis Bacterin</u>	
27H8.00		124
	<u>Neorickettsia Risticii Bacterin</u>	
2639.00		124
	<u>Paenibacillus Larvae Bacterin</u>	
2915.00		213*
	<u>Pasteurella Multocida Bacterial Extract</u>	
2707.02		365
	<u>Pasteurella Multocida Bacterin</u>	
2701.02		188
	<u>Pasteurella Multocida Bacterin</u>	
2705.02	Avian Isolates, Types 1 & 3 & 4 & 3 X 4	190
2703.19	Avian Isolates, Types 1 & 4 & 3 X 4	196
2703.15	Avian Isolates, Types 1, 3, 4 & 3 X 4	196
2701.22	Bovine & Porcine Isolates	188
	<u>Salmonella Dublin-Typhimurium Bacterin</u>	
2821.00		188
	<u>Salmonella Enteritidis Bacterial Extract</u>	
27A5.02		365
	<u>Salmonella Enteritidis Bacterin</u>	
2785.00		165A 190 196

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Salmonella Enteritidis-Kentucky-Typhimurium Bacterin</u>	
2788.00		368
	<u>Salmonella Newport Bacterial Extract</u>	
2811.00		365
	<u>Salmonella Typhimurium Bacterin</u>	
2825.00		337
	<u>Staphylococcus Aureus Bacterin</u>	
2852.00		124 449A
	<u>Streptococcus Equi Bacterial Extract</u>	
2856.00		124
	<u>Streptococcus Uberis Bacterin</u>	
2851.00		407*

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Antibody products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
		*Conditional License				
	<u>Bovine Coronavirus-Escherichia Coli Antibody</u>					
36B5.00	Bovine Origin	327				
36B5.02	Bovine Origin	327				
	<u>Bovine IgG</u>					
3606.00		379	395	396	439	612A
3606.01		448A	612A			
3606.02		396	448A			
3606.03		448A				
3606.04		448A				
3606.05		448A				
	<u>Bovine IgG-Escherichia Coli Antibody</u>					
3610.00	Bovine Origin	395	396			
3610.01	Bovine Origin	396				
	<u>Bovine Rotavirus-Coronavirus-Escherichia Coli Antibody</u>					
3625.R2	Bovine Origin	327				
	<u>Canine Parvovirus Monoclonal Antibody</u>					
3415.20		196*				
	<u>Equine IgG</u>					
3607.00		318	328	360	614	
3607.01		318	328	360		
	<u>Equine IgG-Rhodococcus Equi Antibody</u>					
3900.00	Equine Origin	360	614			
	<u>Escherichia Coli Antibody</u>					
3524.00	Bovine Origin	395	396			
	<u>Normal Serum</u>					
3602.00	Equine Origin	188				
	<u>Rhodococcus Equi Antibody</u>					
3750.00	Equine Origin	318	360	614		

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Antibody products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Salmonella Typhimurium Antibody</u>	
3850.00	Equine Origin	345
	<u>Trueperella Pyogenes-Escherichia Coli-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Antibody</u>	
3391.00	Bovine Origin	188
	<u>West Nile Virus Antibody</u>	
3995.00	Equine Origin	360

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>						
		*Conditional License						
	<u>Autogenous Vaccine, Killed Virus, Autogenous Bacterin</u>							
4500.12		604						
	<u>Autogenous Vaccine-Autogenous Bacterin</u>							
4500.00	Killed Virus	196	368					
4500.10	Killed Virus	407						
4500.20	Killed Virus	213	290	368	455	464	474	
		597	605					
4500.21	Killed Virus	301						
4500.90	Killed Virus	188						
	<u>Bovine Rhinotracheitis Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin-Toxoid</u>							
4109.20	Killed Virus	290						
	<u>Bovine Rhinotracheitis Vaccine-Leptospira Hardjo-Pomona Bacterin</u>							
4069.20	Modified Live Virus	124						
	<u>Bovine Rhinotracheitis Vaccine-Leptospira Pomona Bacterin</u>							
4089.20	Modified Live Virus	213						
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>							
4145.20	Killed Virus	196						
4145.22	Killed Virus	196						
4141.20	Modified Live Virus	124						
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>							
43S5.20	Killed Virus	290						
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin-Toxoid</u>							
43T5.20	Killed Virus	290						
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>							
4335.20	Killed Virus	213						
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Hardjo-Pomona Bacterin</u>							
4399.20	Modified Live Virus	124						

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Pomona Bacterin</u>	
4389.21	Modified Live Virus	213
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Mannheimia Haemolytica Bacterial Extract-Toxoid</u>	
4X29.R0	Modified Live Virus	196
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Mannheimia Haemolytica Toxoid</u>	
4X29.20	Modified Live Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
4429.21	Modified Live Virus	290
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4560.24	Modified Live Virus	190
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4439.00	Modified Live Virus	188
4439.20	Modified Live Virus	213
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Campylobacter Fetus-Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
44M5.20	Killed Virus	196
44M5.22	Killed Virus	196
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
44B5.20	Killed Virus	196
44B6.20	Killed Virus	196
44B9.22	Modified Live & Killed Virus	190
44B1.20	Modified Live Virus	124 165A
44B1.22	Modified Live Virus	190
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus Bacterin</u>	
44C5.20	Killed Virus	196
44C9.21	Modified Live Virus	124
44C9.24	Modified Live Virus	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
44D7.22	Killed Virus	196
44D9.24	Modified Live Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4465.20	Killed Virus	196
4465.24	Killed Virus	124
4466.20	Killed Virus	196
4469.20	Modified Live & Killed Virus	213
4469.22	Modified Live & Killed Virus	190
4469.25	Modified Live & Killed Virus	190
4461.20	Modified Live Virus	213
4461.22	Modified Live Virus	124 165A
4469.24	Modified Live Virus	124 190
4469.26	Modified Live Virus	190
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica Bacterin</u>	
44A5.20	Killed Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica Toxoid</u>	
4X41.20	Modified Live Virus	190
4X49.20	Modified Live Virus	124
4X49.21	Modified Live Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
45B9.20	Modified Live Virus	213
45B9.21	Modified Live Virus	290
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Respiratory Syncytial Virus Vaccine-Leptospira Pomona Bacterin</u>	
4367.20	Modified Live Virus	213
	<u>Bovine Rotavirus-Coronavirus Vaccine-Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>	
4570.20	Killed Virus	196
4570.22	Killed Virus	190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bovine Rotavirus-Coronavirus Vaccine-Clostridium Perfringens Types C & D-Escherichia Coli Bacterin-Toxoid</u>	
4575.20	Killed Virus	165A
	<u>Bovine Rotavirus-Coronavirus Vaccine-Escherichia Coli Bacterin</u>	
4585.22	Killed Virus	190
	<u>Bovine Virus Diarrhea Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
45B5.21	Killed Virus	190
	<u>Bovine Virus Diarrhea Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4595.21	Killed Virus	190
4595.25	Killed Virus	190
	<u>Bovine Virus Diarrhea Vaccine-Mannheimia Haemolytica Bacterial Extract-Toxoid</u>	
4X39.R0	Modified Live Virus	196
	<u>Bovine Virus Diarrhea Vaccine-Mannheimia Haemolytica Toxoid</u>	
4A91.20	Modified Live Virus	190
	<u>Canine Coronavirus Vaccine-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
47E5.21	Killed Virus	196
	<u>Canine Coronavirus Vaccine-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
46E5.21	Killed Virus	196
46E5.27	Killed Virus	196
46E5.28	Killed Virus	124
	<u>Canine Coronavirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u>	
46D5.21	Killed Virus	124
	<u>Canine Distemper-Adenovirus Type 2 Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u>	
4629.20	Modified Live Virus	190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
46B9.21	Modified Live & Killed Virus	196
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
46J9.23	Modified Live & Killed Virus	124
46J9.29	Modified Live & Killed Virus	196
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
47L9.20	Modified Live & Killed Virus	190
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u>	
46J7.20	Modified Live & Killed Virus	165A
46J7.22	Modified Live & Killed Virus	190
46J9.R1	Modified Live Virus, Live Canarypox Vector	124
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u>	
46L9.29	Modified Live & Killed Virus	124
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
45J9.20	Modified Live & Killed Virus	196
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u>	
46P9.21	Modified Live & Killed Virus	124
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u>	
4659.20	Modified Live Virus	190
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine- Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
47K1.21	Modified Live Virus	165A
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
46D9.20	Modified Live Virus	196

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
4637.24	Modified Live Virus	124
4637.29	Modified Live Virus	196
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
47K1.20	Modified Live Virus	165A 190
47K9.R0	Modified Live Virus, Live Canarypox Vector	124
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u>	
4637.20	Modified Live Virus	165A
4637.23	Modified Live Virus	190
4639.22	Modified Live Virus	190
4639.R1	Modified Live Virus, Live Canarypox Vector	124
	<u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
47N9.20	Modified Live Virus	196
	<u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
47M9.R0	Modified Live Virus, Live Canarypox Vector	124
	<u>Encephalomyelitis Vaccine-Tetanus Toxoid</u>	
4865.22	Eastern & Western & Venezuelan, Killed Virus	124
4865.23	Eastern & Western & Venezuelan, Killed Virus	165A
4865.A0	Eastern & Western & Venezuelan, Killed Virus	124
4865.01	Eastern & Western, Killed Virus	165A
4865.24	Eastern & Western, Killed Virus	124
4865.28	Eastern & Western, Killed Virus	190
4865.A1	Eastern & Western, Killed Virus	124
	<u>Encephalomyelitis-Influenza Vaccine-Tetanus Toxoid</u>	
4875.A1	Eastern & Western & Venezuelan, Killed Virus	165A
4835.26	Eastern & Western, Killed Virus	190
4835.46	Eastern & Western, Killed Virus	165A
	<u>Encephalomyelitis-Influenza-West Nile Virus Vaccine-Tetanus Toxoid</u>	
46W5.22	Eastern & Western, Killed Virus	124
46W5.A1	Eastern & Western, Killed Virus	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Encephalomyelitis-Rabies-West Nile Virus Vaccine-Tetanus Toxoid</u>	
48R5.20	Eastern & Western & Venezuelan, Killed Virus	190
48R5.21	Eastern & Western, Killed Virus	190
	<u>Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine-Tetanus Toxoid</u>	
4847.21	Eastern & Western & Venezuelan, Killed Virus	124
4847.26	Eastern & Western & Venezuelan, Killed Virus	190
4847.32	Eastern & Western & Venezuelan, Killed Virus	165A
4847.A0	Eastern & Western & Venezuelan, Killed Virus	124
4845.20	Eastern & Western, Killed Virus	124
4845.21	Eastern & Western, Killed Virus	124
4845.26	Eastern & Western, Killed Virus	190
4845.33	Eastern & Western, Killed Virus	165A
4845.A1	Eastern & Western, Killed Virus	124
	<u>Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine-Tetanus Toxoid, Eastern & Western, Killed Virus</u>	
4855.25		124
	<u>Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine-Tetanus Toxoid</u>	
49W5.20	Eastern & Western & Venezuelan, Killed Virus	124
49W5.21	Eastern & Western & Venezuelan, Killed Virus	124
49W5.A0	Eastern & Western & Venezuelan, Killed Virus	124
4855.24	Eastern & Western, Killed Virus	124
4855.A0	Eastern & Western, Killed Virus	124
4855.R2	Eastern & Western, Killed Virus, Killed Flavivirus Chimera	165A
	<u>Encephalomyelitis-West Nile Virus Vaccine-Tetanus Toxoid</u>	
48W5.20	Eastern & Western & Venezuelan, Killed Virus	124
48W5.25	Eastern & Western & Venezuelan, Killed Virus	190
48W5.A2	Eastern & Western & Venezuelan, Killed Virus	124
48W5.21	Eastern & Western, Killed Virus	124
48W5.24	Eastern & Western, Killed Virus	190
48W5.A3	Eastern & Western, Killed Virus	124
48W5.R1	Eastern & Western, Killed Virus, Killed Flavivirus Chimera	165A
	<u>Infectious Salmon Anemia Virus Vaccine-Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin</u>	
4A45.20	Killed Virus	303A

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Vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Newcastle Disease-Bronchitis Vaccine-Salmonella Enteritidis Bacterin</u>	
48D7.11	Mass & Ark Types, Killed Virus	196
	<u>Newcastle-Bronchitis Vaccine-Mycoplasma Gallisepticum Bacterin</u>	
48B5.10	Mass Type, Killed Virus	196
	<u>Newcastle-Bronchitis Vaccine-Salmonella Enteritidis Bacterin</u>	
48D6.10	Mass Type, Killed Virus	165A 190
	<u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4BC5.20	Killed Virus	190
4BC5.21	Killed Virus	190
4BC5.22	Killed Virus	190
	<u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
48C5.20	Killed Virus	196
48C5.21	Killed Virus	165A
48C5.22	Killed Virus	190
	<u>Parvovirus-Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
49F6.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
	<u>Parvovirus-Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
49G6.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
	<u>Porcine Circovirus Vaccine- Lawsonia Intracellularis-Mycoplasma Hyopneumoniae Bacterin</u>	
49L5.R0	Type 2, Killed Baculovirus Vector	165A
	<u>Porcine Circovirus Vaccine- Mycoplasma Hyopneumoniae Bacterin</u>	
49K5.R1	Type 2, Killed Baculovirus Vector	124 165A 329
49K5.R6	Type 2, Killed Baculovirus Vector	165A
	<u>Porcine Circovirus Vaccine-Mycoplasma Hyopneumoniae Bacterin</u>	
49K5.R5	Type 1 -Type 2 Chimera, Killed Virus	190
49K5.R7	Type 1 -Type 2 Chimera, Killed Virus	190

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Vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Porcine Reproductive & Respiratory Syndrome Vaccine-Mycoplasma Hyopneumoniae Bacterin</u>	
49R8.21	Modified Live Virus	124
	<u>Porcine Reproductive & Respiratory Syndrome-Circovirus Vaccine-Mycoplasma Hyopneumoniae Bacterin</u>	
49K9.R0	Reproductive & Respiratory Form, Type 2, Modified Live Virus, Killed Baculovirus Vector	124
	<u>Porcine Rotavirus Vaccine-Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>	
49C1.21	Modified Live Virus	165A
	<u>Porcine Rotavirus-Transmissible Gastroenteritis Vaccine-Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>	
49B1.21	Modified Live Virus	165A
	<u>Rabies Vaccine-Neorickettsia Risticii Bacterin</u>	
4905.20	Killed Virus	124
	<u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae Bacterin</u>	
4993.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
4993.20	H1N1 & H3N2, Killed Virus	190
	<u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u>	
4994.2D	H1N1 & H1N2 & H3N2, Killed Virus	190
	<u>Swine Influenza Vaccine-Mycoplasma Hyopneumoniae Bacterin</u>	
4995.2C	H1N1 & H1N2 & H3N2, Killed Virus	190
4995.2D	H1N1 & H1N2 & H3N2, Killed Virus	190
	<u>Trichomonas Foetus Vaccine, Campylobacter Fetus Bacterin</u>	
4855.00	Killed Protozoa	124
	<u>Trichomonas Foetus Vaccine, Killed Protozoa-Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4990.00		124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Actinobacillus Pleuropneumoniae Antibody Test Kit</u>	
5657.00	Serotype 5, ELISA	600A
	<u>African Swine Fever Virus DNA Test Kit</u>	
57A5.80		644
	<u>Anaplasma Antibody Test Kit</u>	
5002.20	cELISA	332
5002.21	cELISA	332
	<u>Avian Encephalomyelitis Virus Antibody Test Kit</u>	
5006.00		190 313 588A
	<u>Avian Influenza Virus Antibody Test Kit</u>	
5004.00		190 313
	<u>Avian Influenza Virus Antibody Test Kit</u>	
5004.20	ELISA	313 588A
	<u>Avian Influenza Virus RNA Test Kit</u>	
50A5.80		432
	<u>Avian Influenza Virus Type A Antigen Test Kit</u>	
5180.52		190
	<u>Avian Leukosis Virus Antibody Test Kit</u>	
5007.01		313
	<u>Avian Leukosis Virus Antibody Test Kit</u>	
5007.02	Subgroup J	313
	<u>Avian Leukosis Virus Antigen Test Kit</u>	
5007.00		313
	<u>Avian Reovirus Antibody Test Kit</u>	
5008.00		190 313 588A
	<u>Babesia Caballi Antibody Test Kit</u>	
501A.20	cELISA	332

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Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bluetongue Virus Antibody Test Kit</u>	
5010.00		332
	<u>Bluetongue Virus Antibody Test Kit</u>	
5010.20	cELISA	332
	<u>Bordetella Avium Antibody Test Kit</u>	
5015.00		190
	<u>Bovine Leukemia Virus Antibody Test Kit</u>	
5505.20		332
	<u>Bovine Spongiform Encephalopathy Antigen Test Kit</u>	
5430.21	EIA	313
5430.40	Immunohistochemistry	332
	<u>Bovine Virus Diarrhea Antigen Test Kit</u>	
5A05.00		313
5A05.22		190 313 674
	<u>Bovine Virus Diarrhea RNA Test Kit</u>	
5A06.80		432
	<u>Brucella Abortus Antibody Test Kit</u>	
5013.30		652A
	<u>Canine Anaplasma Antibody Test Kit</u>	
5751.20		373
	<u>Canine Borrelia Burgdorferi Antibody Test Kit</u>	
5017.50		373
	<u>Canine Distemper-Adenovirus Type 2-Parvovirus Antibody Test Kit</u>	
53P2.50	Dot Blot	454A
	<u>Canine Distemper-Parvovirus Antibody Test Kit</u>	
53P1.00		190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Canine Ehrlichia Antibody Test Kit</u>	
5039.20		190 373
	<u>Canine Leptospira Antibody Test Kit</u>	
5052.20		190D
5052.21		190
5052.50		313
	<u>Canine Parvovirus Antigen Test Kit</u>	
5024.01		430
5024.03		190 313
	<u>Canine Parvovirus Antigen Test Kit</u>	
5024.00	Blot Test	373
5024.50	Blot Test	544B
	<u>Canine Parvovirus-Coronavirus Antigen Test Kit</u>	
5A22.50		544B
	<u>Chicken Anemia Virus Antibody Test Kit</u>	
50C1.00		313 588A
50C1.01		190
	<u>Chronic Wasting Disease Antigen Test Kit</u>	
5420.21	EIA	313
	<u>Equine Arteritis Virus Antibody Test Kit</u>	
5525.20	cELISA	332
	<u>Equine Infectious Anemia Virus Antibody Test Kit</u>	
5515.21		332 430
5515.22		313 430
5515.23		332
	<u>Equine Infectious Anemia Virus Antibody Test Kit, ELISA</u>	
5515.01		332
	<u>Equine Infectious Anemia Virus Antibody Test Kit</u>	
5515.00	ELISA	190 313 332

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Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Feline Immunodeficiency Virus Antibody Test Kit</u>	
5036.00		313 373 671
	<u>Feline Infectious Peritonitis Virus Antibody Test Kit</u>	
5029.00		190
	<u>Feline Leukemia Virus Antigen Test Kit</u>	
5028.00		190 373 671
5028.01		190 313
5028.03		313
	<u>Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit</u>	
502A.00		373 671
502A.01		190 373
502A.02		313
	<u>Feline Panleukopenia Virus Antibody Test Kit</u>	
503F.50	Dot Blot	454A
	<u>Foot And Mouth Disease Virus Antibody Test Kit</u>	
5FM0.01		620
	<u>Foot and Mouth Disease Virus Antibody Test Kit</u>	
5FM0.20		332 582C
	<u>Foot and Mouth Disease Virus Antibody Test Kit</u>	
5FM0.50	Solid Phase Immunoassay	631
	<u>Foot and Mouth Disease Virus RNA Test Kit</u>	
5FM1.81		644
	<u>Fowl Laryngotracheitis Virus Antibody Test Kit</u>	
5601.00		190 588A
	<u>Giardia Antigen Test Kit</u>	
5G05.50		313 373
5G05.52		430

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Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Heartworm Antigen Test Kit</u>	<i>*Conditional License</i>
5018.00		<i>190 213 373 430 544B 631 671</i>
5018.01		<i>544B</i>
5018.02		<i>313</i>
5018.03		<i>313</i>
5018.08		<i>190</i>
	<u>Heartworm Antigen-Anaplasma Phagocytophilum-Platys-Borrelia Burgdorferi-Ehrlichia Canis-Ewingii Antibody Test Kit</u>	
5P21.00		<i>313</i>
	<u>Heartworm Antigen-Anaplasma-Borrelia Burgdorferi-Ehrlichia Antibody Test Kit</u>	
5P23.00		<i>373</i>
5P23.01		<i>313</i>
	<u>Heartworm-Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit</u>	
502C.01		<i>313</i>
502C.02		<i>313</i>
502C.51		<i>190D</i>
	<u>Hemorrhagic Enteritis Virus Antibody Test Kit</u>	
57E1.00		<i>190</i>
	<u>Infectious Bronchitis Virus Antibody Test Kit</u>	
5030.00		<i>190 313 588A</i>
	<u>Infectious Bursal Disease Virus Antibody Test Kit</u>	
5040.00		<i>190 313 588A</i>
5040.01		<i>190 313</i>
	<u>Mycobacterium Avium subspecies Paratuberculosis Antibody Test Kit</u>	
5064.00		<i>313B</i>
5064.20		<i>332</i>
	<u>Mycobacterium Avium subspecies Paratuberculosis DNA Test Kit</u>	
5066.00		<i>432</i>
	<u>Mycobacterium Avium subspecies Paratuberculosis DNA Test Kit</u>	
5066.80	Polymerase Chain Reaction	<i>644</i>

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Mycobacterium Bovis-Mycobacterium Tuberculosis Antibody Test Kit</u>	
5470.00		645
5470.01		645
5470.50		645
	<u>Mycoplasma Gallisepticum Antibody Test Kit</u>	
5070.00		190 313 588A
5070.01		190
	<u>Mycoplasma Gallisepticum Antigen</u>	
5071.02		344
	<u>Mycoplasma Gallisepticum-Synoviae Antibody Test Kit</u>	
5074.00		313 588A
5074.20		190
	<u>Mycoplasma Hyopneumoniae Antibody Test Kit</u>	
5075.00		313
	<u>Mycoplasma Meleagridis Antibody Test Kit</u>	
5172.00		190 313
	<u>Mycoplasma Meleagridis Antigen</u>	
5072.01		344
	<u>Mycoplasma Synoviae Antibody Test Kit</u>	
5173.00		190 313 588A
5173.01		190
	<u>Mycoplasma Synoviae Antigen</u>	
5073.02		344
	<u>Neospora Caninum Antibody Test Kit</u>	
5N05.00		313
	<u>Neospora Caninum Antibody Test Kit</u>	
5N05.20	cELISA	332

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Newcastle Disease Virus Antibody Test Kit</u>	
5080.00		190 313
5080.01		190 313
	<u>Newcastle Disease Virus Antibody Test Kit</u>	
5080.20	ELISA	588A
	<u>Pasteurella Multocida Antibody Test Kit</u>	
5130.01		313
	<u>Pasteurella Multocida Antibody Test Kit, Avian Isolates</u>	
5130.00		313
	<u>Porcine Reproductive & Respiratory Syndrome Virus Antibody Test Kit</u>	
59S5.02		313
59S5.03		313
59S5.20		313
	<u>Pseudorabies Virus Antibody Test Kit</u>	
5110.02		447
5110.03		447
	<u>Pseudorabies Virus gB Antibody Test Kit</u>	
5114.00		313
	<u>Pseudorabies Virus gpI Antibody Test Kit</u>	
5113.00		313
	<u>Pullorum Antigen</u>	
5207.02	Stained Antigen Polyvalent	344
	<u>Reticuloendotheliosis Virus Antibody Test Kit</u>	
5265.00		313
	<u>Salmonella Enteritidis-Typhimurium Antibody Test Kit</u>	
57E5.00		588A
	<u>Small Ruminant Lentivirus Antibody Test Kit</u>	
5139.20	cELISA	332

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Swine Influenza Virus Antibody Test Kit</u>	
59A5.20		313
	<u>Swine Influenza Virus RNA Test Kit</u>	
59A7.80		432
59A7.81		432
	<u>Theileria Equi Antibody Test Kit</u>	
501B.20		332
	<u>Transmissible Spongiform Encephalopathy Antigen Test Kit</u>	
5431.20	ELISA	624
	<u>Trichomonas Foetus DNA Test Kit</u>	
5292.80		432
	<u>Tuberculin</u>	
5301.00	Mammalian, Human Isolates, Intradermic	188
5302.00	PPD Bovis, Intradermic	188
	<u>West Nile Virus Antibody Test Kit</u>	
5996.20	ELISA	543

*Conditional License

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Antitoxins

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Antivenom</u>	
6101.00	Crotalidae Polyvalent	124
6101.01	Crotalidae Polyvalent, Equine Origin	444A 614
	<u>Clostridium Botulinum Type B Antitoxin</u>	
6400.00	Equine Origin	360
	<u>Clostridium Perfringens Type C Antitoxin</u>	
6211.00	Equine Origin	188
	<u>Clostridium Perfringens Type D Antitoxin, Equine Origin</u>	
6201.00		188
	<u>Clostridium Perfringens Types C & D Antitoxin</u>	
6221.00	Equine Origin	188
	<u>Tetanus Antitoxin</u>	
6302.00		188
	<u>Tetanus Antitoxin</u>	
6302.01	Equine Origin	188

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterin-toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Pasteurella Multocida Bacterin-Toxoid</u>	
7054.01		196
	<u>Bordetella Bronchiseptica-Pasteurella Multocida Bacterin-Toxoid</u>	
7060.00		190
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C & D Bacterin-Toxoid</u>	
7160.00		124 190
7160.01		165A 190
7160.02		190
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C & D-Haemophilus Somnus Bacterin-Toxoid</u>	
7B23.00		165A
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C & D-Mannheimia Haemolytica Bacterin-Toxoid</u>	
7460.00		190
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Tetani-Perfringens Types C & D Bacterin-Toxoid</u>	
7340.00		311
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Tetani-Perfringens Types C & D Bacterin-Toxoid</u>	
7280.00		311
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii Bacterin-Toxoid</u>	
7390.00		188
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D Bacterin-Toxoid</u>	
7410.00		124 190
7410.01		124 165A 190
7410.02		124 190
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D-Haemophilus Somnus Bacterin-Toxoid</u>	
7423.00		124 165A 190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterin-toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D-Mannheimia Haemolytica Bacterin-Toxoid</u>	
7430.00		190
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D-Moraxella Bovis Bacterin-Toxoid</u>	
7425.01		124
7425.02		165A
7425.03		165A
	<u>Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>	
7890.00		190 196
7890.01		165A 196
	<u>Clostridium Perfringens Types C & D Bacterin-Toxoid</u>	
7870.00		165A 190
	<u>Clostridium Perfringens Types C & D-Tetani Bacterin-Toxoid</u>	
7885.00		165A
	<u>Clostridium Tetani-Perfringens Type D-Corynebacterium Pseudotuberculosis Bacterin-Toxoid</u>	
7894.00		188
	<u>Corynebacterium Pseudotuberculosis Bacterin-Toxoid</u>	
7A94.00		188
7A94.01		124*
	<u>Escherichia Coli Bacterin-Toxoid</u>	
7850.00		124
	<u>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
7895.01		290
	<u>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin-Toxoid</u>	
79A5.00		290
79A5.01		290
	<u>Mannheimia Haemolytica Bacterial Extract-Toxoid</u>	
7906.R0		196

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterin-toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Mannheimia Haemolytica Bacterin-Toxoid</u>	
7905.00		<i>190</i>
7905.01		<i>290</i>
	<u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
7935.01		<i>315</i>
7935.03		<i>290</i>
7935.04		<i>315</i>
	<u>Pasteurella Multocida Bacterial Extract-Mannheimia Haemolytica Toxoid</u>	
7945.00		<i>124</i>
	<u>Salmonella Typhimurium Bacterin-Toxoid</u>	
7910.00		<i>345</i>
7910.01		<i>345</i>

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Clostridium Botulinum Type B Toxoid</u>	
8010.00		302
	<u>Clostridium Perfringens Type C Toxoid</u>	
8101.00		188
	<u>Clostridium Perfringens Type D Toxoid</u>	
8301.00		188
	<u>Clostridium Perfringens Type D-Tetanus Toxoid</u>	
8305.00		188
	<u>Clostridium Perfringens Types C & D Toxoid</u>	
8201.00		188
8201.01		124
8201.02		124
8201.03		124
	<u>Clostridium Perfringens Types C & D-Tetanus Toxoid</u>	
8304.00		124 188
	<u>Crotalus Atrox Toxoid</u>	
8900.00		407*
	<u>Mannheimia Haemolytica Toxoid</u>	
8699.00		190
8699.01		124
	<u>Tetanus Toxoid</u>	
8601.00		124 188
8601.01		165A
8601.02		190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Miscellaneous

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
		<i>*Conditional License</i>				
	<u>Allergenic Extract</u>					
9525.00	Flea Antigen	294	359			
9521.00	House Dust	294	359			
95B1.00	Human Hair	359				
9527.00	Mixed Epidermals	294	359			
9529.00	Mixed Foods	294				
9522.03	Mixed Grasses	259	294	359		
9524.00	Mixed Inhalants	294	359			
9528.00	Mixed Insects	259	294	359		
95A1.00	Mixed Mites	359				
9523.00	Mixed Molds	294	359			
9522.01	Mixed Ragweed	294	359			
9522.02	Mixed Trees	294	359			
9522.04	Mixed Weeds	294	359			
9531.00	Prescription Product	213	294	359	403	622
	<u>Bm86 Immunomodulator</u>					
9392.R1		190*				
	<u>Canine Allergic Dermatitis Immunotherapeutic</u>					
9580.03		190				
	<u>Canine Atopic Dermatitis Immunotherapeutic</u>					
9580.02		190				
	<u>Canine Melanoma Vaccine</u>					
9240.D0	DNA	124				
	<u>Caprine Serum Fraction Immunomodulator</u>					
9360.00		188				
	<u>DNA Immunostimulant</u>					
9381.D0		213				
	<u>Gilvetmab</u>					
9790.02		165A*				

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Miscellaneous

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Mycobacterium Cell Wall Fraction Immunostimulant</u>	
9300.00		289
9300.01		289
9300.02		289
	<u>Polyprenyl Immunostimulant</u>	
9380.00		637*
	<u>Prescription Product</u>	
9PP0.R1	DNA	605*
9PP0.R0	Killed Baculovirus Vector	124* 474
9PP0.R2	Killed Baculovirus Vector	474*
9PP0.00	RNA Particle	165A *
	<u>Propionibacterium Acnes Immunostimulant</u>	
9350.00		302

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
		*Conditional License	
	<u>Autogenous Vaccine, Killed Virus</u>		
A015.21		597	
	<u>Autogenous Virus</u>		
A015.20	Killed Virus	213	464
A015.10	Live Virus	344	415
A015.11	Live Virus	415	
	<u>Avian Influenza Virus</u>		
A057.R1	H5 Subtype, Killed Baculovirus Vector	124	
	<u>Avian Reovirus</u>		
A045.02	Killed Virus	368	
A045.03	Killed Virus	368	
A045.04	Killed Virus	368	
	<u>Bovine Coronavirus</u>		
A931.26	Modified Live Virus	190	
	<u>Bovine Parainfluenza 3 Virus</u>		
A841.20	Modified Live Virus	190	
	<u>Bovine Respiratory Syncytial Virus</u>		
A091.20	Modified Live Virus	190	
	<u>Bovine Rhinotracheitis Virus</u>		
A105.21	Killed Virus	190	
A101.23	Modified Live Virus	190	
	<u>Bovine Virus Diarrhea Virus</u>		
A205.20	Killed Virus	190	
A205.21	Killed Virus	190	
A205.23	Killed Virus	190	
A205.24	Killed Virus	190	
	<u>Bronchitis Virus</u>		
A235.16	Mass Type, Killed Virus	368	

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bursal Disease Virus</u>	
A2B9.43	Live Variant	415
A2B9.50	Live Variant	415
A271.00	Live Virus	344
A271.50	Live Virus	344 415
A2B1.4A	Live Virus	344
A3B1.02	Live Virus	415
A276.00	Standard, Killed Virus	368
A2B6.40	Variant, Killed Virus	368
A2B6.41	Variant, Killed Virus	368
A2B9.40	Variant, Live Virus	344
	<u>Canine Adenovirus Type 2</u>	
A341.21	Modified Live Virus	190
	<u>Canine Distemper Virus</u>	
A301.20	Modified Live Virus	190
	<u>Canine Parainfluenza Virus</u>	
A421.20	Modified Live Virus	190
	<u>Canine Parvovirus</u>	
A8M1.23	Modified Live Virus	190
	<u>Chlamydia Psittaci</u>	
A581.20	Modified Live Chlamydia	190
	<u>Coccidiosis Vaccine</u>	
A431.51	Live Oocysts	368A
A431.54	Live Oocysts	368A
A431.55	Live Oocysts	368A
	<u>Encephalomyelitis Virus</u>	
A485.00	Venezuelan, Killed Virus	188
A485.25	Western, Killed Virus	124
	<u>Equine Influenza Vaccine</u>	
A505.21	Killed Virus	597

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Equine Influenza Virus</u>	
A505.20	Killed Virus	597
	<u>Equine Rhinitis A Virus</u>	
A522.20	Killed Virus	597
	<u>Equine Rhinopneumonitis Vaccine</u>	
A525.20	Killed Virus	597
	<u>Equine Rhinopneumonitis-Influenza Vaccine</u>	
A515.20	Killed Virus	597
	<u>Equine Rotavirus</u>	
AE15.22	Killed Virus	190
	<u>Feline Calicivirus</u>	
A5C1.20	Modified Live Virus	190
	<u>Feline Infectious Peritonitis Virus</u>	
A5A1.20	Modified Live Virus	190
	<u>Feline Leukemia Vaccine</u>	
A555.23	Killed Virus	190
	<u>Feline Leukemia Virus Antigen</u>	
A555.R0		317
A555.R1		317
	<u>Feline Panleukopenia Virus</u>	
A561.22	Modified Live Virus	190
	<u>Feline Rhinotracheitis Virus</u>	
A6A1.20	Modified Live Virus	190
	<u>Giardia Lamblia Vaccine</u>	
A8G5.00	Killed Protozoa	190
	<u>Infectious Hematopoietic Necrosis Virus Vaccine</u>	
A7A5.D0	DNA	196

*Conditional License

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Ovine Ecthyma Vaccine</u>	
A821.50	Modified Live Virus	393
	<u>Porcine Circovirus, Type 1 - Type 2 Chimera</u>	
A9K5.R3	Killed Virus	190
	<u>Porcine Circovirus</u>	
A9K5.R2	Type 1 - Type 2 Chimera, Killed Virus	190
A9K5.R0	Type 2, Killed Baculovirus Vector	329
	<u>Rabies Vaccine</u>	
A905.21	Killed Virus	190
A901.R0	Live Vaccinia Vector	124
	<u>Rabies Virus</u>	
A905.22	Killed Virus	165A
	<u>West Nile Virus</u>	
A995.20	Killed Virus	190 597
A995.21	Killed Virus	597

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Actinobacillus Pleuropneumoniae Bacterin</u>	
B657.01		301
	<u>Autogenous Bacterin</u>	
B051.04		597
	<u>Autogenous Killed Culture</u>	
B051.00		301 464 474
	<u>Clostridium Chauvoei</u>	
B250.00	Killed Culture	124 311
	<u>Escherichia Coli Bacterin</u>	
B648.04	Killed Culture	190
	<u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona</u>	
B665.00	Killed Culture	213
B665.01	Killed Culture	213
	<u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona</u>	
B668.00	Killed Culture	213
	<u>Leptospira Canicola</u>	
B661.00	Killed Culture	190
	<u>Leptospira Hardjo Bacterin</u>	
B6M7.01		190
	<u>Leptospira Icterohaemorrhagiae</u>	
B66A.00	Killed Culture	190
	<u>Moraxella Bovis Bacterin</u>	
B772.00		355
	<u>Moraxella Bovis</u>	
B772.01	Killed Culture	355

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Mycoplasma Hyopneumoniae Bacterin</u>	
B775.00		190 329
B775.03		190
	<u>Mycoplasma Hyopneumoniae</u>	
B775.01	Killed Culture	190
	<u>Salmonella Enteritidis</u>	
B785.00	Killed Culture	368

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: antibody products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bursal Disease Antibody</u>	
C205.00	Chicken Origin	190 344
	<u>Canine Atopic Dermatitis Monoclonal Antibody</u>	
C580.00		190

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: vaccines with bacterins/bacterial extracts/toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Autogenous Vaccine-Autogenous Bacterin</u>	
D500.21	Killed Virus	597
	<u>Autogenous Virus-Autogenous Killed Culture</u>	
D500.20	Killed Virus	464
	<u>Encephalomyelitis Vaccine-Tetanus Toxoid</u>	
D865.23	Eastern & Western & Venezuelan, Killed Virus	597
D865.25	Eastern & Western & Venezuelan, Killed Virus	597
D865.20	Eastern & Western, Killed Virus	597
D865.22	Eastern & Western, Killed Virus	597
	<u>Encephalomyelitis-Influenza-West Nile Virus Vaccine-Tetanus Toxoid</u>	
D6W5.23	Eastern & Western, Killed Virus	597
	<u>Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine-Tetanus Toxoid</u>	
D847.20	Eastern & Western & Venezuelan, Killed Virus	597
D845.20	Eastern & Western, Killed Virus	597
D845.21	Eastern & Western, Killed Virus	597
	<u>Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine-Tetanus Toxoid</u>	
D855.20	Eastern & Western & Venezuelan, Killed Virus	597
D855.21	Eastern & Western & Venezuelan, Killed Virus	597
D855.22	Eastern & Western, Killed Virus	597
D855.24	Eastern & Western, Killed Virus	597
	<u>Encephalomyelitis-West Nile Virus Vaccine-Tetanus Toxoid</u>	
D8W5.20	Eastern & Western & Venezuelan, Killed Virus	597
D8W5.21	Eastern & Western, Killed Virus	597
	<u>Porcine Circovirus Vaccine- Mycoplasma Hyopneumoniae Bacterin</u>	
D9K5.R0	Type 2, Killed Baculovirus Vector	329

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Canine Parvovirus Antigen Test Kit</u>	
E024.03		313 607
	<u>Giardia Antigen Test Kit</u>	
EG05.50		313 607
	<u>Heartworm Antigen Test Kit</u>	
E018.00		213

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: antitoxins

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Tetanus Antitoxin</u>	
F302.00	Equine Origin	188

*Conditional License

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: bacterin-toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Clostridium Chauvoei</u>	
GA30.00	Killed Culture	190
	<u>Clostridium Novyi</u>	
G680.00	Killed Culture	190 311
	<u>Clostridium Perfringens Type C</u>	
G800.00	Killed Culture	190
	<u>Clostridium Perfringens Type D</u>	
G840.00	Killed Culture	190
	<u>Clostridium Septicum</u>	
GB90.00	Killed Culture	190
	<u>Clostridium Sordellii</u>	
GC90.00	Killed Culture	190
	<u>Corynebacterium Pseudotuberculosis Bacterin-Toxoid</u>	
GA94.00		597
	<u>Mannheimia Haemolytica Bacterin-Toxoid</u>	
G905.00		190
	<u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
G935.01		315

*Conditional License

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Clostridium Perfringens Type C Toxoid</u>	
H101.00		311
	<u>Clostridium Perfringens Type D Toxoid</u>	
H301.01		311
	<u>Clostridium Septicum Toxoid</u>	
H340.00		311
H340.01		311
	<u>Clostridium Sordellii Toxoid</u>	
H360.00		311
	<u>Tetanus Toxoid</u>	
H601.01	Killed Culture	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: miscellaneous

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bm86 Immunomodulator</u>	
I392.R0		<i>190G</i>
	<u>DNA Immunostimulant</u>	
I381.D1		<i>213A</i>

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