

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.

TABLE OF CONTENTS

1 - 6	Alphabetical Listing of Licensees - Subsidiaries - Divisions
7 - 20	Numerical Listing of Establishments
21 - 43	Vaccines
44 - 51	Bacterins and bacterial extracts
52 - 53	Antibody products
54 - 64	Vaccines with bacterins/bacterial extracts/toxoids
65 - 73	Diagnostic products
74	Antitoxins
75 - 77	Bacterin-toxoids
78	Toxoids
79 - 80	Miscellaneous
81 - 84	For further manufacture: vaccines
85 - 86	For further manufacture: bacterins and bacterial extracts
87	For further manufacture: antibody products
88	For further manufacture: vaccines with bacterins/bacterial extracts/toxoids
89	For further manufacture: diagnostic products
90	For further manufacture: antitoxins
91	For further manufacture: bacterin-toxoids
92	For further manufacture: toxoids
93	For further manufacture: miscellaneous
	Index of Product Components

ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
ALK-Abello, Inc.	259
Abaxis, Inc.	424
Aceto Corporation (Permittee)	594A
Addison Biological Laboratory, Inc.	355
Affinitech, LTD	450
AgriLabs Vaccines, LLC	419
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
Anchor	124
Antelope Valley Bios, Inc.	419
Applied Biosystems LLC	432
Aratana Therapeutics, Inc.	453
Arko Laboratories Ltd.	337
Bio-Ceutic	124
Bio-Rad Laboratories (Permittee)	624
BioChek Inc. (Permittee)	588A
Biogal USA, Inc. (Permittee)	454A
Biomune Company	368
Biomune Company	368
Biomune Company (Permittee)	368A

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

Biovet Inc.	337
Biovet USA Inc. (Permittee)	600A
Boehringer Ingelheim Vetmedica, Inc.	124
Boehringer Ingelheim Vetmedica, Inc. (Permittee)	124A
Brinton Laboratories Inc.	343
Calbiotech Veterinary Diagnostics	447
Calbiotech Veterinary Diagnostics	447
Cambridge Technologies	464
Charles River Laboratories, Inc.	344
Chembio Diagnostic Systems, Inc.	645
Colorado Serum Company	188
Dairy Health Laboratories	357
Delmont Laboratories, Inc.	339
Diamond Animal Health, Inc.	213
Diamond Animal Health, Inc.	213
Elanco US Inc.	196
Elanco US Inc.	196
Elanco US Inc. (Permittee)	303A
Ellie LLC (Permittee)	652A
Epitopix, LLC	365
Eudaemonic Corporation	385
Greer Laboratories, Inc.	294
Hennessy Research Associates, LLC	597

ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Heska Corporation (Permittee)	213A
Huvepharma, Inc.	419
Huvepharma, Inc.	605
Hygieia Biological Laboratories	407
IDEXX Laboratories, Inc.	313
IDEXX Laboratories, Inc. (Permittee)	313B
ImmuCell Corporation	327
Immuno-Dynamics, Inc.	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
Lohmann Animal Health International	196
MT Venom, LLC (Permittee)	444A
MVP adjuvants	301

ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Medgene Labs	474
Medical Packaging Corporation	607
Merck Animal Health	165A
Merck Sharpe and Dohme (MSD)	165A
Merial, Inc.	298
Mg Biologics, Inc.	614
Nelco Vet, LLC	359
Neogen Corporation	302
Neotech, LLC	472
Newport Laboratories, Inc.	455
Newport Laboratories, Inc.	455
NovaVive USA Inc.	289
PP Manufacturing Corporation	317
Pharmgate Biologics Inc.	329
Pharmgate Biologics, Inc.	329
Phibro Animal Health	301
Phibro Animal Health Corporation	301
Plasvacc USA, Inc.	360
Poultry Health Laboratories	357
Poultry Health Laboratories	357
Princeton BioMeditech Corporation	631
Professional Biological Company	188
Quidel Corporation	445

ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
SA Scientific, Ltd.	373
Safepath Laboratories	430
Sass & Sass, Inc.	637
Sass & Sass, Inc.	637
Sass & Sass, Inc.	637
Sera, Inc.	328
Sera, Inc.	328
SolidTech Animal Health, Inc.	604
Spectrum Veterinary Marketing Team	403
Spectrum Veterinary, LLC	403
Swine Health Laboratories	357
T-Cyte Therapeutics, Inc.	598
TechLab, Inc.	446
Tetracore, Inc.	644
Texas Agricultural Experiment Station	393
Texas Vet Lab, Inc.	290
Texson Laboratories	315
Thermo Fisher Scientific (Permittee)	582A
Thermo Fisher Scientific (Permittee)	582C
Thermo Fisher Scientific Inc.	432
Trace Diagnostics, Inc. (Permittee)	589A
Transboundary Animal Biologics, Inc. (Permittee)	428A
Transboundary Animal Biologics, Inc. (Permittee)	428B
United Biomedical, Inc.	620

ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
United Vaccines, Inc.	245
VMRD, Inc.	332
Vet Therapeutics, Inc.	453
VetImmune LLC	637
VetImmune LLC	637
Vetbio, Inc.	290
Veterinary Allergy Reference Laboratory	622
Veterinary Diagnostic Technology, Inc.	336
Westport Biologics, LLC	597
Your Firm, Inc.	999
Zinpro Corporation	439
Zoetis Inc.	190
Zoetis Inc. (Permittee)	190D
Zoetis LLC	190
Zoetis LLC	190
Zoetis, Inc. (Permittee)	190A

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
<p>Boehringer Ingelheim Vetmedica, Inc.</p> <p><i>Divisions:</i> Anchor Bio-Ceutic</p> <p><i>Mail:</i> 2621 North Belt Highway St. Joseph, MO 64506</p> <p><i>Type:</i> Licensee</p>	124
<p>Boehringer Ingelheim Vetmedica, Inc.</p> <p><i>Mail:</i> 2621 North Belt Highway St. Joseph, MO 64506</p> <p><i>Type:</i> Permittee</p>	124A
<p>Intervet Inc.</p> <p><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:</i> Licensee</p>	165A
<p>Colorado Serum Company</p> <p><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:</i> Licensee</p>	188
<p>Zoetis Inc.</p> <p><i>Divisions:</i> Zoetis LLC</p> <p><i>Subsidiaries:</i> Zoetis LLC</p> <p><i>Mail:</i> 601 West Cornhusker Highway Lincoln, NE 68521</p> <p><i>Type:</i> Licensee</p>	190
<p>Zoetis, Inc.</p> <p><i>Mail:</i> 601 West Cornhusker Highway Lincoln, NE 68521</p> <p><i>Type:</i> Permittee</p>	190A

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
<p>Zoetis Inc.</p> <p><i>Mail:</i> 601 West Cornhusker Highway Lincoln, NE 68521</p> <p><i>Type: Permittee</i></p>	<p>190D</p>
<p>Elanco US Inc.</p> <p><i>Subsidiaries:</i> Elanco US Inc. Lohmann Animal Health International</p> <p><i>Mail:</i> 1447 140th Street Larchwood, IA 51241</p> <p><i>Type: Licensee</i></p>	<p>196</p>
<p>Diamond Animal Health, Inc.</p> <p><i>Subsidiaries:</i> Diamond Animal Health, Inc.</p> <p><i>Mail:</i> 2538 SE 43rd Street Des Moines, IA 50327-1538</p> <p><i>Type: Licensee</i></p>	<p>213</p>
<p>Heska Corporation</p> <p><i>Mail:</i> 2538 SE 43rd Street Des Moines, IA 50327</p> <p><i>Type: Permittee</i></p>	<p>213A</p>
<p>United Vaccines, Inc.</p> <p><i>Mail:</i> 1131 Thousand Oaks Trail Verona, WI 53593</p> <p><i>Type: Licensee</i></p>	<p>245</p>
<p>ALK-Abello, Inc.</p> <p><i>Mail:</i> 35 Channel Drive Port Washington, NY 11050</p> <p><i>Type: Licensee</i></p>	<p>259</p>
<p>International Duck Research Cooperative, Inc.</p> <p><i>Mail:</i> 192 Old Country Road Eastport, NY 11941</p> <p><i>Type: Licensee</i></p>	<p>268</p>
<p>NovaVive USA Inc.</p> <p><i>Mail:</i> 119 Rowe Road Athens, GA 30601</p>	<p>289</p>

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Type: Licensee

Texas Vet Lab, Inc. **290**

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

Mail: 1702 North Bell Street
San Angelo, TX 76903

Type: Licensee

Greer Laboratories, Inc. **294**

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

Type: Licensee

Merial, Inc. **298**

Mail: 1730 Olympic Drive
Athens, GA 30601

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 Leshar Place
Lansing, MI 48912

Type: Licensee

Elanco US Inc. **303A**

Mail: 1447 140th Street
Larchwood, IA 51241-9778

Type: Permittee

Intervet Inc. **311**

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

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

American Animal Health, Inc. 315

Divisions: American Swine Products
American Embryo Systems
Texson Laboratories

Mail: 2619 Skyway Drive
Grand Prairie, TX 75052

Type: Licensee

PP Manufacturing Corporation 317

Mail: 175 Crossing Boulevard
Framingham, MA 01702

Type: Licensee

Lake Immunogenics, Inc. 318

Mail: 348 Berg Road
Ontario, NY 14519

Type: Licensee

ImmuCell Corporation 327

Mail: 56 Evergreen Drive
Portland, ME 04103

Type: Licensee

Sera, Inc. 328

Subsidiaries: Sera, Inc.

Mail: P. O. Box 15866
Shawnee Mission, KS 66285-5866

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Type: Licensee

Pharmgate Biologics, Inc. 329

Subsidiaries: Pharmgate Biologics Inc.

Mail: 2575 University Avenue West, Suite 100
St. Paul, MN 55114

Type: Licensee

VMRD, Inc. 332

Mail: PO Box 502 // 425 NW Albion Drive
Pullman, WA 99163

Type: Licensee

Veterinary Diagnostic Technology, Inc. 336

Mail: 4890 Van Gordon Street, Suite 101
Wheat Ridge, CO 80033

Type: Licensee

Arko Laboratories Ltd. 337

Subsidiaries: Biovet Inc.

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

Type: Licensee

Delmont Laboratories, Inc. 339

Mail: P.O. Box 269
Swarthmore, PA 19081

Type: Licensee

Brinton Laboratories Inc. 343

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

Type: Licensee

Charles River Laboratories, Inc. 344

Mail: 251 Ballardvale Street
Wilmington, MA 01887

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Type: Licensee

Immvac, Inc. **345**

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: Dairy Health Laboratories
Poultry Health Laboratories
Swine Health Laboratories

Mail: 24711 County Road 100A
Davis, CA 95616

Type: Licensee

Nelco Vet, LLC **359**

Mail: 154 Brook Ave.
Deer Park, NY 11729

Type: Licensee

Plasvacc USA, Inc. **360**

Mail: 1535 Templeton Road
Templeton, CA 93465

Type: Licensee

Epitopix, LLC **365**

Mail: 1801 Biotech Avenue NE
Willmar, MN 56201

Type: Licensee

Biomune Company **368**

Subsidiaries: Biomune Company

Mail: 8906 Rosehill Road
Lenexa, KS 66215

Type: Licensee

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
<p>Biomune Company <i>Mail:</i> 8906 Rosehill Road Lenexa, KS 66215</p> <p><i>Type: Permittee</i></p>	368A
<p>SA Scientific, Ltd. <i>Mail:</i> 4919 Golden Quail San Antonio, TX 78240</p> <p><i>Type: Licensee</i></p>	373
<p>Immuno-Dynamics, Inc. <i>Mail:</i> 1800 Dodge Street Fennimore, WI 53809</p> <p><i>Type: Licensee</i></p>	379
<p>Eudaemonic Corporation <i>Mail:</i> 7031 North 16th Street Omaha, NE 68112</p> <p><i>Type: Licensee</i></p>	385
<p>Texas Agricultural Experiment Station <i>Mail:</i> Texas A&M University System P.O. Box 918 Sonora, TX 76950</p> <p><i>Type: Licensee</i></p>	393
<p>Imu-Tek Animal Health Inc. <i>Mail:</i> 3541 East Vine Drive Fort Collins, CO 80524</p> <p><i>Type: Licensee</i></p>	395
<p>La Belle Associates, Inc. <i>Mail:</i> 4100 Marblemount Lane Bellingham, WA 98226</p> <p><i>Type: Licensee</i></p>	396
<p>Spectrum Veterinary, LLC <i>Divisions:</i> Spectrum Veterinary Marketing Team</p> <p><i>Mail:</i> 2801 South 35th Street Phoenix, AZ 85034</p>	403

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

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

Huvepharma, Inc. **419**

Subsidiaries: AgriLabs Vaccines, LLC
Antelope Valley Bios, Inc.

Mail: 421 West Industrial Lake Drive
Lincoln, NE 68528

Type: Licensee

Abaxis, Inc. **424**

Mail: 3240 Whipple Road
Union City, CA 94587

Type: Licensee

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

Mail: 4025 530th Ave
Ames, IA 50010

Type: Permittee

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

Mail: 4025 530th Ave
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**

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Divisions: Applied Biosystems LLC
Life Technologies Corporation

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

Quidel Corporation **445**

Mail: 10165 McKellar Court
San Diego, CA 92121

Type: Licensee

TechLab, Inc. **446**

Mail: 20 Corporate Drive
Radford Industrial Park
Radford, VA 24141

Type: Licensee

Calbiotech Veterinary Diagnostics **447**

Subsidiaries: Calbiotech Veterinary Diagnostics

Mail: 1935 Cordell Court
El Cajon, CA 92020

Type: Licensee

Alta Genetics USA, Inc. **448A**

Mail: N8350 High Road
Watertown, WI 53094

Type: Permittee

Affinitech, LTD **450**

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Mail: 2308 SE 28th Street, Suite 2
Bentonville, AR 72712

Type: Licensee

Aratana Therapeutics, Inc.

453

Subsidiaries: Vet Therapeutics, Inc.

Mail: 10451 Roselle Street, Suite 200A
San Diego, CA 92121

Type: Licensee

Biogal USA, Inc.

454A

Mail: 647 Michelle Court
Lawrenceville, GA 30044

Type: Permittee

Newport Laboratories, Inc.

455

Divisions: Newport Laboratories, Inc.

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

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Type: Licensee

InBios International, Inc.

543

Mail: 562 1st Avenue South, Suite 600
Seattle, WA 98104

Type: Licensee

Thermo Fisher Scientific

582A

Mail: 2130 Woodward Street
Austin, TX 78744

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

Trace Diagnostics, Inc.

589A

Mail: 2033 N. Milwaukee Avenue, Suite 120
Riverwoods, IL 60015

Type: Permittee

Aceto Corporation

594A

Mail: 4 Tri Harbor Court
Port Washington, NY 11050

Type: Permittee

Hennessy Research Associates, LLC

597

Subsidiaries: Westport Biologics, LLC

Mail: 7940 Marshall Drive
Lenexa, KS 66214

Type: Licensee

T-Cyte Therapeutics, Inc.

598

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Mail: 41718 Eastman Drive
Murrieta, CA 92562

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

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

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

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

Divisions: VetImmune LLC
Sass & Sass, Inc.

Subsidiaries: VetImmune LLC
Sass & Sass, Inc.

Mail: 115A Flint Road
Oak Ridge, TN 37830

Type: Licensee

Tetracore, Inc.

644

Mail: 9901 Belward Campus Drive, Suite 300
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

Your Firm, Inc.

999

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

Mail: 123 1st Street
Ames, IA 50010

Type: Licensee

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
		*Conditional License					
	<u>Anaplasmosis Vaccine</u>						
1001.C0	Avirulent Live Culture	357*					
	<u>Anthrax Spore Vaccine</u>						
1011.00	Live Culture	188					
	<u>Arthrobacter Vaccine</u>						
1K11.00	Live Culture	303A					
	<u>Autogenous Vaccine, Killed Virus</u>						
A015.21		597					
	<u>Autogenous Vaccine-Autogenous Bacterin</u>						
D500.22	Killed Virus	597					
	<u>Autogenous Vaccine</u>						
1018.00	Killed Fungus	268					
1015.00	Killed Virus	298					
1015.10	Killed Virus	165A	196	368	407		
1015.20	Killed Virus	213	245	290	301	337	419
		455	464	476	597		
1015.21	Killed Virus	196	301	368	597		
1015.50	Killed Virus	245	290				
1015.90	Killed Virus	188					
1015.I2	Killed Virus	604					
1015.R1	RNA	165A					
	<u>Avian Adenovirus Vaccine</u>						
1017.00	Killed Virus	337*					
	<u>Avian Encephalomyelitis Vaccine</u>						
1051.10	Live Virus	368	407				
1051.11	Live Virus	165A	190	298			
	<u>Avian Encephalomyelitis-Chicken Anemia Virus-Fowl Pox Vaccine</u>						
10T1.40	Live & Modified Live Virus	165A					

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Avian Encephalomyelitis-Fowl Pox Vaccine</u>	
10M1.10	Live Virus	190 196 298 407
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 Vaccine</u>	
10M2.10	Live Virus	407
	<u>Avian Influenza Vaccine</u>	
1057.D0	H5 Subtype, DNA	419*
1057.R1	H5N1 Subtype, Killed Virus	190*
10F5.10	H5N2 Subtype, Killed Virus	368*
1057.R3	H5N3 Subtype, Killed Virus	190
1057.14	H5N9 Subtype, Killed Virus	368
10F5.12	H7N2 Subtype, Killed Virus	368*
10F5.13	H7N3 Subtype, Killed Virus	368*
	<u>Avian Influenza-Fowl Pox Vaccine</u>	
1061.R0	H5 Subtype, Live Fowl Pox Vector	298
	<u>Avian Influenza-Marek's Disease Vaccine</u>	
1062.R0	H5 Subtype, Serotype 3, Live Marek's Disease Vector	368
1062.R2	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	419

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>Avian Reovirus Vaccine</u>						
1045.00	Killed Virus	190				
1045.01	Killed Virus	298				
1045.02	Killed Virus	196				
1045.30	Killed Virus	368				
<u>Bluetongue Vaccine</u>						
1061.00	Modified Live Virus	188				
1061.C1	Serotype 10, Modified Live Virus	357*				
1061.C2	Serotype 11, Modified Live Virus	357*				
1061.C0	Serotype 17, Modified Live Virus	357*				
<u>Bordetella Avium Vaccine</u>						
1021.01	Avirulent Live Culture	165A 337				
<u>Bordetella Bronchiseptica Vaccine</u>						
1081.00	Avirulent Live Culture	124	190	196	301	355
1081.01	Avirulent Live Culture	165A	190	298		
1081.02	Avirulent Live Culture	124	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	190	213			
<u>Bovine Rhinotracheitis Vaccine</u>						
1105.20	Killed Virus	213				
1101.00	Modified Live Virus	188				
1101.20	Modified Live Virus	124	213	290		
1101.21	Modified Live Virus	124	190	196	290	

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>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine</u>					
1121.00	Modified Live Virus	188			
1121.20	Modified Live Virus	196	213		
1121.21	Modified Live Virus	190			
1121.22	Modified Live Virus	290			
1121.24	Modified Live Virus	190			
1121.31	Modified Live Virus	165A			
<u>Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u>					
1071.20	Modified Live Virus	124	190	213	290
1071.21	Modified Live Virus	196	290		
1071.22	Modified Live Virus	190			
1071.23	Modified Live Virus	190			
<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine</u>					
1155.20	Killed Virus	196	213		
1151.00	Modified Live Virus	188			
1151.20	Modified Live Virus	124	213	290	
1151.21	Modified Live Virus	196			
1151.22	Modified Live Virus	124	165A		
1151.23	Modified Live Virus	124			
1151.26	Modified Live Virus	124	190	196	
<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			

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>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u>	
1185.20	Killed Virus	124 196
1185.23	Killed Virus	124 196
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	124 196 213
1181.21	Modified Live Virus	124 190 196 290
1181.22	Modified Live Virus	165A 190 290
1181.23	Modified Live Virus	190
1181.24	Modified Live Virus	124
1181.25	Modified Live Virus	124 190 196
1181.26	Modified Live Virus	124 196
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
	<u>Bovine Virus Diarrhea Vaccine</u>	
1205.20	Killed Virus	213
1205.21	Killed Virus	190 196
1205.22	Killed Virus	124 196
1205.25	Killed Virus	190
1201.00	Modified Live Virus	188
1201.20	Modified Live Virus	213 290
1201.22	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>Bronchitis Vaccine</u>	
1231.1E	Ark Type, Live Virus	368
1231.1M	Ark Type, Live Virus	190 368
1231.20	Ark Type, Live Virus	196 298
1231.21	Ark Type, Live Virus	165A 298
1231.15	Conn Type, Live Virus	298
1231.1D	Delaware Type, Modified Live Virus	165A
1231.1J	Georgia Type, Live Virus	165A 190 368
1231.1L	Georgia Type, Live Virus	165A 190 368
1231.13	Mass & Ark Types, Live Virus	165A 190 368
1231.1Q	Mass & Ark Types, Live Virus	368
1231.14	Mass & Conn Types, Live Virus	190 298 368
1231.17	Mass & Conn Types, Live Virus	368
1231.1G	Mass & Conn Types, Live Virus	165A
1235.10	Mass Type, Killed Virus	196 368
1231.11	Mass Type, Live Virus	190 368
1231.12	Mass Type, Live Virus	196 368
1231.1A	Mass Type, Live Virus	165A
1232.10	Mass Type, Live Virus	298
1232.15	Mass Type, Live Virus	298
1233.10	Mass Type, Live Virus	298
	<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>	
		<i>*Conditional License</i>	
<u>Bursal Disease Vaccine</u>			
1275.00	Killed Virus	190	
1271.00	Live Virus	165A 190	
1271.01	Live Virus	298	368
1271.02	Live Virus	196	
1271.04	Live Virus	368	
1271.0A	Live Virus	190	298
1271.10	Live Virus	190	298
1271.11	Live Virus	196	
1271.12	Live Virus	165A	298
1271.13	Live Virus	298	
1271.17	Live Virus	165A	
1271.19	Live Virus	165A	
1271.40	Live Virus	165A	
1271.41	Live Virus	165A	
12B5.40	Standard & Variant, Killed Virus	298	368
12B1.00	Standard & Variant, Live Virus	298	
12B1.01	Standard & Variant, Live Virus	298	
12L1.00	Variant, Live Virus	165A	
<u>Bursal Disease-Marek's Disease Vaccine</u>			
1A88.R0	Serotype 3, Live Marek's Disease Vector	298	368
1288.42	Serotype 3, Live Virus	298	
1288.4A	Serotype 3, Live Virus	298	
1281.R0	Serotypes 1 & 2 & 3, Live Virus, Live Marek's Disease Vector	368	
1281.R1	Serotypes 1 & 3, Live Virus, Live Marek's Disease Vector	368	
1288.43	Serotypes 2 & 3, Live Virus	298	
1288.44	Serotypes 2 & 3, Live Virus	298	
1288.45	Serotypes 2 & 3, Live Virus	298	
1A88.R1	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	298	368
1A88.R2	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	298	368
12C8.40	Standard & Variant, Serotype 3, Live Virus	298	
12C8.43	Standard & Variant, Serotype 3, Live Virus	298	
12C8.42	Standard & Variant, Serotypes 2 & 3, Live Virus	298	
12C8.44	Standard & Variant, Serotypes 2 & 3, Live Virus	298	
<u>Bursal Disease-Marek's Disease-Newcastle Disease Vaccine</u>			
1A89.R0	Serotype 3, Live Marek's Disease Vector	368	
1A91.R0	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	368	

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>Bursal Disease-Newcastle Disease Vaccine</u>				
12G5.43	Killed Virus	196		
<u>Bursal Disease-Newcastle Disease-Bronchitis Vaccine</u>				
12H1.67	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	298		
12J5.40	Mass Type, Killed Virus	190		
12D5.45	Standard & Variant, Mass & Ark Types, Killed Virus	298		
<u>Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine</u>				
12M5.40	Killed Virus	190		
12M5.43	Mass Type, Killed Virus	196		
12M5.50	Mass Type, Killed Virus	368		
12M5.90	Mass Type, Killed Virus	190		
12M5.91	Mass Type, Killed Virus	190	196	
12M5.41	Standard & Variant, Mass & Ark Types, Killed Virus	196	298	
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	298		
12M5.E0	Standard & Variant, Mass Type, Killed Virus	368		
<u>Bursal Disease-Newcastle Disease-Reovirus Vaccine</u>				
12P5.40	Standard & Variant, Killed Virus	298		
<u>Bursal Disease-Reovirus Vaccine</u>				
12D5.01	Standard & Variant, Killed Virus	298		
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	124	165A	196
12X1.21	Modified Live Virus & Avirulent Live Culture	190		
<u>Canine Coronavirus Vaccine</u>				
14P5.20	Killed Virus	124	165A	190 196
14P5.22	Killed Virus	124	196	
14P1.20	Modified Live Virus	298		

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Canine Coronavirus-Parvovirus Vaccine</u>	
14R7.21	Modified Live & Killed Virus	190
14R7.22	Modified Live & Killed Virus	196
14R7.29	Modified Live & Killed Virus	196
14R1.20	Modified Live Virus	298
	<u>Canine Distemper Vaccine</u>	
1301.R0	Live Canarypox Vector	298
1301.20	Modified Live Virus	165A 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 196
1599.21	Modified Live & Killed Virus	190
1599.27	Modified Live & Killed Virus	124 196
1599.29	Modified Live & Killed Virus	124 196
1591.R1	Modified Live Virus; Canarypox Vector	298
	<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	124 190 196
	<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</u>	
13D1.20	Modified Live Virus	165A 594A
13D1.21	Modified Live Virus	124 165A 190
13D1.22	Modified Live Virus	190
13D1.24	Modified Live Virus	165A
13D1.27	Modified Live Virus	124 196
13D1.29	Modified Live Virus	124 196
13D1.R1	Modified Live Virus, Canarypox Vector	298

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 196
1331.23	Modified Live Virus	124 196
1331.27	Modified Live Virus	124 196
1331.R1	Modified Live Virus, Canarypox Vector	298
	<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, H3N8</u>	
15K5.21	Killed Virus	196
	<u>Canine Influenza Vaccine</u>	
15P5.20	H3N2, Killed Virus	165A 190
15K5.20	H3N8, Killed Virus	165A 190
	<u>Canine Parainfluenza Vaccine</u>	
1421.20	Modified Live Virus	124 196
	<u>Canine Parainfluenza-Bordetella Bronchiseptica Vaccine</u>	
14M1.20	Modified Live Virus, Avirulent Live Culture	124 165A 190 196
14M1.22	Modified Live Virus, Avirulent Live Culture	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	124 196

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	368A
1431.51	Live Oocysts	298 368
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
1431.5C	Live Oocysts	165A
1431.5E	Live Oocysts	165A
1431.55	Live Oocysts, Chicken Isolates	165A
	<u>Distemper Vaccine</u>	
1471.R0	Live Canarypox Vector	298
1471.10	Modified Live Virus	245
	<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 Vaccine</u>	
1475.00	Eastern & Western, Killed Virus	298
	<u>Encephalomyelitis-West Nile Virus Vaccine</u>	
14W5.22	Eastern & Western, Killed Virus	190
14W5.R1	Eastern & Western, Killed Virus, Killed Flavivirus Chimera	165A
14W7.R0	Eastern & Western, Killed Virus, Live Canarypox Vector	298
	<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.R0	Live Canarypox Vector	298
1501.10	Modified Live Virus	213
1501.20	Modified Live Virus	165A 213
	<u>Equine Rhinitis A Vaccine</u>	
1522.21	Killed Virus	124*
	<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
1521.21	Modified Live Virus	124 196
	<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	190 337
1541.03	Avirulent Live Culture	337
1541.04	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>Escherichia Coli Vaccine</u>	
1551.02	Avirulent Live Culture	213 337
15R1.00	Avirulent Live Culture	337
1551.R0	Live Culture	190
	<u>Feline Calicivirus Vaccine</u>	
15C5.21	Killed Virus	196
15C5.22	Killed Virus	196
15C1.22	Modified Live Virus	213
	<u>Feline Immunodeficiency Virus Vaccine</u>	
15A5.21	Killed Virus	124 196
15A5.23	Killed Virus	196
	<u>Feline Immunodeficiency-Leukemia Virus Vaccine</u>	
15D5.R0	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
1555.21	Killed Virus	190
1555.22	Killed Virus	190
1555.R1	Killed Virus	124 196
1555.R5	Killed Virus	124 196
1555.R3	Live Canarypox Vector	298
1555.R4	Live Canarypox Vector	298
	<u>Feline Leukemia-Chlamydia Psittaci Vaccine</u>	
1A69.20	Killed Virus, Killed Chlamydia	124 196
	<u>Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia Vaccine</u>	
15B5.20	Killed Virus	196
15B5.21	Killed Virus	124 196
15B5.22	Killed Virus	124 196
15B9.20	Modified Live & Killed Virus	165A
15B9.21	Modified Live & Killed Virus	124 196

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>Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine</u>	
1559.20	Killed Virus, Killed Chlamydia	124 196
1559.23	Killed Virus, Killed Chlamydia	124 196
1559.2C	Modified Live & Killed Virus, Killed Chlamydia	124 196
1559.2B	Modified Live & Killed Virus, Modified Live Chlamydia	165A
	<u>Feline Panleukopenia Vaccine</u>	
1561.20	Modified Live Virus	165A 190
1561.21	Modified Live Virus	124 196
1561.23	Modified Live Virus	213
	<u>Feline Rhinotracheitis Vaccine</u>	
16A1.22	Modified Live Virus	213
	<u>Feline Rhinotracheitis-Calici-Chlamydia Psittaci Vaccine</u>	
16F1.21	Modified Live Virus, Modified Live Chlamydia	298
	<u>Feline Rhinotracheitis-Calici-Panleukopenia Vaccine</u>	
16D5.20	Killed Virus	124 196
16D5.22	Killed Virus	124 196
16D5.23	Killed Virus	124 196
16D7.20	Modified Live & Killed Virus	196
16D9.20	Modified Live & Killed Virus	165A
16D1.20	Modified Live Virus	165A 190
16D1.22	Modified Live Virus	124 165A 196 213
16D8.20	Modified Live Virus	124 196
16D8.21	Modified Live Virus	298
	<u>Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine</u>	
16E5.20	Killed Virus, Killed Chlamydia	124 196
16E5.23	Killed Virus, Killed Chlamydia	124 196
16E6.20	Modified Live Virus, Killed Chlamydia	124 196
16E1.20	Modified Live Virus, Modified Live Chlamydia	165A 190
16E8.20	Modified Live Virus, Modified Live Chlamydia	298
	<u>Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine</u>	
1619.20	Modified Live & Killed Virus, Modified Live Chlamydia	298
1619.R1	Modified Live Virus and Chlamydia, Canarypox Vector	298

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Feline Rhinotracheitis-Calici-Panleukopenia-Rabies Vaccine</u>	
16T9.20	Modified Live & Killed Virus	298
16T9.R0	Modified Live Virus, Canarypox Vector	298
	<u>Feline Rhinotracheitis-Calicivirus Vaccine</u>	
16C1.20	Modified Live Virus	124 165A 190 196 298
16C1.21	Modified Live Virus	165A
16C1.22	Modified Live Virus	196 213
	<u>Flavobacterium Columnare Vaccine</u>	
17F1.00	Avirulent Live Culture	165A
	<u>Fowl Laryngotracheitis Vaccine</u>	
1601.01	Modified Live Virus	165A
1601.02	Modified Live Virus	165A
1601.11	Modified Live Virus	190 196 298
1601.14	Modified Live Virus	165A
	<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.R2	Serotypes 2 & 3, Modified Live & Live Marek's Disease Vector	165A
	<u>Fowl Pox Vaccine</u>	
1621.00	Live Virus	190 196 368
1621.10	Live Virus	196 407
1621.11	Live Virus	190
1621.14	Live Virus	165A
1622.00	Live Virus	298
	<u>Fowl Pox-Laryngotracheitis Vaccine</u>	
1F31.R0	Live Fowl Pox Vector	368
	<u>Fowl Pox-Marek's Disease Vaccine</u>	
15E2.00	Serotype 3, Live Virus	298
	<u>Fowl Pox-Mycoplasma Gallisepticum Vaccine</u>	
1D51.R0	Live Fowl Pox Vector	368

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Fox Encephalitis Vaccine</u>	
1635.20	Killed Virus	245
	<u>Haemophilus Parasuis Vaccine</u>	
19J1.00	Avirulent Live Culture	455
	<u>Hemorrhagic Enteritis Vaccine</u>	
17E1.20	Live Virus	165A 337 343 368 407
	<u>Infectious Hematopoietic Necrosis Virus Vaccine</u>	
17A5.D0	DNA	303A
	<u>Lawsonia Intracellularis Vaccine</u>	
10L1.00	Avirulent Live Culture	124
10L1.01	Avirulent Live Culture	124
	<u>Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u>	
1861.01	Avirulent Live Culture	165A
1861.02	Avirulent Live Culture	165A
1861.R0	Avirulent Live Culture	165A

*Conditional License

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>Marek's Disease Vaccine</u>		
16L1.R0	Serotype 1, Live Herpesvirus Chimera	298
16L1.00	Serotype 1, Live Virus	165A 298 368
16L1.04	Serotype 1, Live Virus	190
16L1.09	Serotype 1, Live Virus	190
1631.00	Serotype 2, Live Virus	298 368
1631.02	Serotype 2, Live Virus	368
1631.04	Serotype 2, Live Virus	298
1641.00	Serotype 3, Live Virus	190 298
1641.01	Serotype 3, Live Virus	190 298
1641.02	Serotype 3, Live Virus	190
1641.03	Serotype 3, Live Virus	190
1641.05	Serotype 3, Live Virus	298
16L1.06	Serotype 3, Live Virus	368
16L1.01	Serotypes 1 & 2 & 3, Live Virus	368
1631.R0	Serotypes 1 & 3, Live Herpesvirus Chimera	165A
16G1.02	Serotypes 1 & 3, Live Virus	190
16G1.04	Serotypes 1 & 3, Live Virus	190
16L1.02	Serotypes 1 & 3, Live Virus	165A 298 368
1651.00	Serotypes 2 & 3, Live Virus	298
1651.01	Serotypes 2 & 3, Live Virus	298
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	165A 298 368
16N1.R3	Serotype 3, Live Marek's Disease Vector	368
16N1.R2	Serotypes 1 & 2 & 3, Live Virus, Live Marek's Disease Vector	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	298 368
17H1.R2	Serotypes 2 & 3, Live Virus & Live Marek's Disease Vector	165A 298 368
<u>Marek's Disease-Tenosynovitis Vaccine</u>		
16T1.00	Serotypes 2 & 3, Live & Modified Live Virus	298
<u>Mink Distemper Vaccine</u>		
1451.00	Modified Live Virus	245
1451.01	Modified Live Virus	245
1451.20	Modified Live Virus	165A

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Mink Distemper-Enteritis Vaccine</u>	
1679.31	Modified Live & Killed Virus	245
	<u>Mink Enteritis Vaccine</u>	
1685.21	Killed Virus	245
	<u>Mycoplasma Gallisepticum Vaccine</u>	
1751.00	Live Culture	165A 196 298
1751.01	Live Culture	165A 190
	<u>Newcastle Disease Vaccine</u>	
1711.10	B1 Type, B1 Strain, Live Virus	190 196
1711.12	B1 Type, B1 Strain, Live Virus	298
1711.18	B1 Type, B1 Strain, Live Virus	190
17A2.10	B1 Type, B1 Strain, Live Virus	298
17B1.10	B1 Type, C2 Strain, Live Virus	165A
1721.10	B1 Type, LaSota Strain, Live Virus	190 196 368
1721.11	B1 Type, LaSota Strain, Live Virus	298
1721.16	B1 Type, LaSota Strain, Live Virus	165A
1721.17	B1 Type, LaSota Strain, Live Virus	165A
1705.10	Killed Virus	190 368
1705.11	Killed Virus	196
1705.15	Killed Virus	196
1701.10	VG/GA Strain, Live Virus	298
17A2.V1	VG/GA Strain, Live Virus	298
17A2.V2	VG/GA Strain, Live Virus	298
	<u>Newcastle Disease-Fowl Pox Vaccine</u>	
17C1.R0	Live Fowl Pox Vector	298 368

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<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	190 298
17A2.1M	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	298
1761.14	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	190 298
1761.17	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	196
1762.1H	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	298
1762.1J	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	298
1791.14	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	165A
1761.11	B1 Type, B1 Strain, Mass Type, Live Virus	190 298
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	298
1XC1.10	B1 Type, C2 Strain, Mass & Conn Types, Live Virus	165A
1XB1.10	B1 Type, C2 Strain, Mass Type, Live Virus	165A
1771.14	B1 Type, LaSota Strain, Mass & Conn Types, Live Virus	298
1771.17	B1 Type, LaSota Strain, Mass & Conn Types, Live Virus	298
17B1.17	B1 Type, LaSota Strain, Mass & Conn Types; Live Virus	165A
1771.11	B1 Type, LaSota Strain, Mass Type, Live Virus	190 298
1771.12	B1 Type, LaSota Strain, Mass Type, Live Virus	190 298
1771.18	B1 Type, LaSota Strain, Mass Type, Live Virus	196
1785.12	Mass & Ark Types, Killed Virus	298
1775.10	Mass Type, Killed Virus	368
1776.10	Mass Type, Killed Virus	190
1785.11	Mass Type, Killed Virus	196
17V1.10	VG/GA Strain, Mass & Conn Types, Live Virus	298
17V1.11	VG/GA Strain, Mass & Conn Types, Live Virus	298
	<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>
	<u>Parvovirus Vaccine</u>	
18P5.20	Killed Virus	196
18P5.22	Killed Virus	190
18M1.20	Modified Live Virus	165A 472
18M1.21	Modified Live Virus	124 196
18M1.22	Modified Live Virus	165A 298
18M1.23	Modified Live Virus	190
18M1.24	Modified Live Virus	196
18M1.29	Modified Live Virus	124 196
	<u>Pasteurella Multocida Vaccine</u>	
1871.03	Avirulent Live Culture, Avian Isolate	165A 368
1871.04	Avirulent Live Culture, Avian Isolate	165A 190
1871.05	Avirulent Live Culture, Avian Isolates	165A
	<u>Pigeon Pox Vaccine</u>	
1881.10	Live Virus	196 298 407
1881.12	Live Virus	165A 196
1881.14	Live Virus	165A
	<u>Porcine Circovirus Vaccine</u>	
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	165A
19K5.20	Type 2, Killed Virus	298
	<u>Porcine Epidemic Diarrhea Vaccine</u>	
19U5.20	Killed Virus	190*
19U5.P1	RNA Particle Platform	165A *
19U5.D0	RNA	165A *
	<u>Porcine Reproductive & Respiratory Syndrome Vaccine, Respiratory Form</u>	
19S1.22	Modified Live Virus	165A

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>Porcine Reproductive & Respiratory Syndrome Vaccine</u>	
19T1.20	Reproductive & Respiratory Forms, Modified Live Virus	124 165A 190
19T1.21	Reproductive & Respiratory Forms, Modified Live Virus	124
19Q1.20	Reproductive Form, Modified Live Virus	165A
19S1.20	Respiratory Form, Modified Live Virus	124
19S1.21	Respiratory Form, Modified Live Virus	124 190
19S1.R2	Respiratory Form, Modified Live Virus	298
	<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>Rabies Vaccine, Live Raccoon Poxvirus Vector</u>	
1901.R5		196
	<u>Rabies Vaccine</u>	
1905.20	Killed Virus	165A 298
1905.21	Killed Virus	124 196 298
1905.22	Killed Virus	165A
1905.23	Killed Virus	165A 298
1905.24	Killed Virus	124 190 196 298
1901.R1	Live Canarypox Vector	298
1901.R4	Live Canarypox Vector	298
1901.R0	Live Vaccinia Vector	298
	<u>Riemerella Anatipestifer Vaccine</u>	
1811.00	Avirulent Live Culture	268

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Salmonella Choleraesuis Vaccine</u>	
19A1.00	Avirulent Live Culture	124 165A 196 337
19A1.01	Avirulent Live Culture	124 337
	<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>	
19A5.28	H1N1 & H1N2 & H3N2, Killed Virus	190 196
19A5.2A	H1N1 & H1N2 & H3N2, Killed Virus	190
19A5.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
19A5.2C	H1N1 & H1N2 & H3N2, Killed Virus	190
19A5.22	H1N1 & H3N2, Killed Virus	190 196
19A5.23	H1N1 & H3N2, Killed Virus	190
19A5.24	H1N1 & H3N2, Killed Virus	165A
19A5.29	H1N1 & H3N2, Killed Virus	190
19A5.R2	H1N1 & H3N2, Modified Live Virus	124*
19A5.D0	RNA	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>	<i>*Conditional License</i>
1951.10	Live Virus	165A
1951.01	Modified Live Virus	190
1951.02	Modified Live Virus	165A
1951.03	Modified Live Virus	298
1951.04	Modified Live Virus	165A
1951.11	Modified Live Virus	165A
1952.01	Modified Live Virus	298
	<u>Trichomonas Foetus Vaccine</u>	
1859.00	Killed Protozoa	124 196
	<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
1995.22	Killed Virus	124* 190
1991.R0	Live Canarypox Vector	298

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>Actinobacillus Pleuropneumoniae Bacterin</u>	
2657.00		301
2657.01		196
2657.03		190
	<u>Actinobacillus Pleuropneumoniae-Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Haemophilus Parasuis-Pasteurella Multocida Bacterin</u>	
2110.00		196
	<u>Actinobacillus Pleuropneumoniae-Haemophilus Parasuis-Pasteurella Multocida Bacterin</u>	
2674.00		196
	<u>Actinobacillus Pleuropneumoniae-Pasteurella Multocida Bacterin</u>	
265H.01		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		165A 188 213 245 268 290 298 301 315 329 337 343 355 357 365 368 407 455 464 474 476 597
2051.01		368 419 597
2051.04		196
2051.05		196
2051.12		604
	<u>Avibacterium Paragallinarum Bacterin</u>	
2658.00		165A 196
2658.11		190
2658.12		196
	<u>Bordetella Bronchiseptica Bacterin</u>	
2100.00		124 196
2100.02		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 Bacterial Extract</u>	
2126.R0		298
2126.R1		190
	<u>Borrelia Burgdorferi Bacterin</u>	
2126.00		124 190 196
2126.01		165A 196
	<u>Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
2146.00		124 196
	<u>Brucella Suis Bacterin</u>	
2127.00		455
	<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 Psittaci 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
2863.10		124 196
	<u>Chlamydia Psittaci Bacterin</u>	
2120.00		188
2120.10		188
	<u>Clostridium Chauvoei-Septicum Bacterin</u>	
2401.01		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>Clostridium Chauvoei-Septicum-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>	
2460.01		188
	<u>Clostridium Haemolyticum Bacterin</u>	
2465.00		188
	<u>Corynebacterium Pseudotuberculosis Bacterin</u>	
2A94.00		290*
	<u>Erysipelothrix Rhusiopathiae Bacterin</u>	
2641.00		329
2641.01		165A 190
2641.02		165A 190 196
2641.03		190
	<u>Erysipelothrix Rhusiopathiae-Haemophilus Parasuis Bacterin</u>	
2646.01		124
	<u>Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2642.02		190
	<u>Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u>	
2A41.00		165A 190
2A41.01		165A 190
	<u>Escherichia Coli Bacterial Extract</u>	
264E.01		365*
	<u>Escherichia Coli Bacterin</u>	
2648.00		357 407
2648.07		196
2648.43		165A
2648.53		196
2648.C0		407*
26R8.56		190
	<u>Escherichia Coli-Riemerella Anatipestifer Bacterin</u>	
2850.00		268

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>Fusobacterium Necrophorum Bacterin</u>	
2556.00		196
	<u>Haemophilus Parasuis Bacterin</u>	
2652.00		124 165A 196
2652.01		190
	<u>Haemophilus Parasuis-Mycoplasma Hyopneumoniae Bacterin</u>	
2565.00		165A
2565.03		190
2565.04		190
	<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>Lawsonia Intracellularis Bacterin</u>	
2799.20		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		124 196
2668.05		124 196

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
2668.00		165A 190 298
2668.03		165A
	<u>Leptospira Canicola-Icterohaemorrhagiae Bacterial Extract</u>	
2671.05		196
	<u>Leptospira Canicola-Icterohaemorrhagiae Bacterin</u>	
2671.00		188 190
2671.01		298
	<u>Leptospira Grippotyphosa Bacterin</u>	
2675.00		188
	<u>Leptospira Grippotyphosa-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
2772.04		165A
2772.10		604

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>Moraxella Bovoculi Bacterin</u>	
2A77.00		355*
	<u>Mycobacterium Paratuberculosis Bacterin</u>	
2773.00		124 196
	<u>Mycoplasma Bovis Bacterin</u>	
2760.00		315
2760.01		290 315
	<u>Mycoplasma Gallisepticum Bacterin</u>	
2774.00		190 196
2774.01		165A
	<u>Mycoplasma Hyopneumoniae Bacterin</u>	
2775.00		190 196 329
2775.01		124 165A 190 196 329
2775.02		124 165A 190 298 329
2775.03		190 298
2775.04		190 298
2775.05		190 329
2775.06		329
	<u>Mycoplasma Hyorhinis Bacterin</u>	
27H8.00		124
	<u>Mycoplasma Synoviae Bacterin</u>	
2776.00		190
	<u>Neorickettsia Risticii Bacterin</u>	
2639.00		298
	<u>Pasteurella Multocida Bacterin</u>	
2701.02		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>Pasteurella Multocida Bacterin</u>	
2705.01	Avian Isolates, Types 1 & 3 & 4 & 3 X 4	368
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>Pseudomonas Aeruginosa Bacterin</u>	
2735.00		245
	<u>Ram Epididymitis Bacterin</u>	
2771.00		188
	<u>Salmonella Dublin-Typhimurium Bacterin</u>	
2821.00		188
	<u>Salmonella Enteritidis Bacterin</u>	
2785.00		165A 190 196 368
	<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>Serpens Species Bacterin</u>	
21B5.00		407*
	<u>Staphylococcus Aureus Bacterin</u>	
2852.00		124
	<u>Streptococcus Equi Bacterial Extract</u>	
2856.00		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>
		<i>*Conditional License</i>
	<u>Streptococcus Suis Bacterin</u>	
2840.00		301
2840.01		196
	<u>Streptococcus Uberis Bacterin</u>	
2851.00		407*
	<u>Yersinia Ruckeri Bacterin</u>	
2638.00		303A

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					
	<u>Bovine IgG</u>						
3606.00		328	379	395	396	439	612A
3606.01		448A	612A				
3606.02		396	448A				
3606.03		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 Lymphoma Monoclonal Antibody</u>						
3405.00		453					
3405.01		453					
	<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				
3526.00	Equine Origin	124	196				
3526.03	Equine Origin	196					
3526.C0	Equine Origin	360*					
	<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>
	<u>Rhodococcus Equi-Streptococcus Equi Antibody</u>	
3751.00	Equine Origin	614*
	<u>Salmonella Typhimurium Antibody</u>	
3850.00	Equine Origin	345
	<u>Streptococcus Equi Antibody</u>	
3880.00	Equine Origin	614*
	<u>Trueperella Pyogenes-Escherichia Coli-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Antibody</u>	
3391.00	Bovine Origin	188
	<u>Trueperella Pyogenes-Escherichia Coli-Pasteurella Multocida-Salmonella Typhimurium Antibody</u>	
3400.00	Bovine Origin	124
	<u>Trueperella Pyogenes-Mannheimia Haemolytica-Pasteurella Multocida Antibody</u>	
3414.02	Bovine & Porcine Isolates, Bovine Origin	188
	<u>West Nile Virus Antibody</u>	
3995.00	Equine Origin	188* 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.I2		604					
	<u>Autogenous Vaccine-Autogenous Bacterin</u>						
4500.00	Killed Virus	196	368				
4500.10	Killed Virus	407					
4500.20	Killed Virus	290	301	368	419	455	464
		476	597				
4500.21	Killed Virus	301					
4500.90	Killed Virus	188					
	<u>Bovine Rhinotracheitis Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>						
45H5.20	Killed Virus	290					
45H5.21	Killed Virus	290					
	<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	165A				
	<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					

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 Canicola-Grippotyphosa-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
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Pomona Bacterin</u>	
4389.21	Modified Live Virus	213
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Mannheimia Haemolytica Toxoid</u>	
4X29.20	Modified Live Virus	124
	<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
44B1.23	Modified Live Virus	190
44B1.25	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>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus Bacterin</u>	
44C5.20	Killed Virus	196
44D5.20	Killed Virus	124
44C9.20	Modified Live Virus	190
44C9.21	Modified Live Virus	124
44C9.24	Modified Live Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
44D7.20	Killed Virus	124 196
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	124 196
4465.24	Killed Virus	124 196
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
4461.21	Modified Live Virus	190
4461.22	Modified Live Virus	124 165A
4461.25	Modified Live Virus	190
4469.24	Modified Live Virus	124 190
4469.26	Modified Live Virus	190
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona-Mannheimia Haemolytica Bacterin</u>	
4475.20	Killed Virus	124 196
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Leptospira Hardjo Bacterin</u>	
4L49.20	Modified Live Virus	190
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica Bacterin</u>	
44A5.20	Killed Virus	124 196

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>
		*Conditional License
	<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
	<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
	<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-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
45B5.21	Killed Virus	190
	<u>Bovine Virus Diarrhea Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
4C95.20	Killed Virus	290
	<u>Bovine Virus Diarrhea Vaccine-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4595.21	Killed Virus	190
4595.25	Killed Virus	190
	<u>Bovine Virus Diarrhea Vaccine-Mannheimia Haemolytica Toxoid</u>	
4A91.20	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>
		*Conditional License
	<u>Canine Coronavirus Vaccine-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
47E5.21	Killed Virus	124 196
	<u>Canine Coronavirus Vaccine-Borrelia Burgdorferi Bacterin</u>	
47A5.20	Killed Virus	196
	<u>Canine Coronavirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
46E5.21	Killed Virus	124 196
46E5.27	Killed Virus	124 196
	<u>Canine Coronavirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u>	
46D5.27	Killed Virus	124 196
	<u>Canine Distemper-Adenovirus Type 2 Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u>	
4629.20	Modified Live Virus	190
	<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	124 196
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Borrelia Burgdorferi Bacterin</u>	
47C5.29	Modified Live & Killed Virus	196
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
46J9.28	Modified Live & Killed Virus	196
46J9.29	Modified Live & Killed Virus	124 196
	<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	298

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>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u>	
46L9.20	Modified Live & Killed Virus	124
46L9.27	Modified Live & Killed Virus	124 196
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
45J9.20	Modified Live & Killed Virus	124 196
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u>	
46P9.20	Modified Live & Killed Virus	124
46P9.27	Modified Live & Killed Virus	124 196
	<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-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
46D9.20	Modified Live Virus	124 196
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
4637.28	Modified Live Virus	196
4637.29	Modified Live Virus	124 196
	<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	298
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterial Extract</u>	
4639.28	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>
		*Conditional License
	<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
4639.21	Modified Live Virus	190
4639.22	Modified Live Virus	190
46J8.20	Modified Live Virus	124
4639.R1	Modified Live Virus, Live Canarypox Vector	298
	<u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
47N9.20	Modified Live Virus	124 196
	<u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
47M9.R0	Modified Live Virus, Live Canarypox Vector	298
	<u>Canine Parainfluenza Vaccine-Bordetella Bronchiseptica Bacterin</u>	
47A1.20	Modified Live Virus	124 196
	<u>Canine Parvovirus Vaccine-Leptospira Canicola Icterohaemorrhagiae Bacterin</u>	
47B1.20	Modified Live Virus	124 196
	<u>Encephalomyelitis Vaccine-Tetanus Toxoid</u>	
4865.22	Eastern & Western & Venezuelan, Killed Virus	124
4865.23	Eastern & Western & Venezuelan, Killed Virus	165A
4867.22	Eastern & Western & Venezuelan, Killed Virus	190
4865.00	Eastern & Western, Killed Virus	298
4865.01	Eastern & Western, Killed Virus	165A
4865.24	Eastern & Western, Killed Virus	124
4865.28	Eastern & Western, Killed Virus	190
	<u>Encephalomyelitis-Influenza Vaccine-Tetanus Toxoid</u>	
4875.26	Eastern & Western & Venezuelan, Killed Virus	190
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>	
46W5.21	Eastern & Western, Killed Virus	124
46W5.22	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-Rhinopneumonitis-Influenza Vaccine-Tetanus Toxoid</u>	
4847.20	Eastern & Western & Venezuelan, Killed Virus	124
4847.21	Eastern & Western & Venezuelan, Killed Virus	124
4847.26	Eastern & Western & Venezuelan, Killed Virus	190
4847.32	Eastern & Western & Venezuelan, Killed Virus	165A
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
	<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
4855.24	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
48W5.21	Eastern & Western, Killed Virus	124
48W5.24	Eastern & Western, Killed Virus	190
48W5.R1	Eastern & Western, Killed Virus, Killed Flavivirus Chimera	165A
48W9.R0	Eastern & Western, Killed Virus, Live Canarypox Vector	298
	<u>Infectious Salmon Anemia Virus Vaccine-Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin</u>	
4A45.20	Killed Virus	303A
	<u>Mink Distemper-Enteritis Vaccine-Clostridium Botulinum Type C Bacterin-Toxoid</u>	
4929.31	Modified Live & Killed Virus	245
	<u>Mink Distemper-Enteritis Vaccine-Clostridium Botulinum Type C-Pseudomonas Aeruginosa Bacterin-Toxoid</u>	
4949.20	Modified Live & Killed Virus	165A
4949.31	Modified Live & Killed Virus	245

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>Mink Enteritis Vaccine-Clostridium Botulinum Type C Bacterin-Toxoid</u>	
4955.21	Killed Virus	245
	<u>Mink Enteritis Vaccine-Clostridium Botulinum Type C-Pseudomonas Aeruginosa Bacterin-Toxoid</u>	
49A5.20	Killed Virus	165A
49A5.21	Killed Virus	245
49A5.23	Killed Virus	245
	<u>Newcastle Disease-Bronchitis Vaccine-Salmonella Enteritidis Bacterin</u>	
48D7.10	Mass & Ark Types, Killed Virus	196
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 190 368
	<u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippyphosa-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-Grippyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
48C5.20	Killed Virus	196
48C5.21	Killed Virus	124 165A
48C5.22	Killed Virus	190
	<u>Parvovirus Vaccine-Leptospira Canicola-Grippyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4975.20	Killed Virus	196
	<u>Parvovirus-Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
49F6.2A	H1N1 & H1N2 & H3N2, Killed Virus	190
49F6.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
49F6.24	H1N1 & H3N2, 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>
		*Conditional License
	<u>Parvovirus-Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
49G6.2A	H1N1 & H1N2 & H3N2, Killed Virus	190
49G6.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
	<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
48K5.20	Type 2, Killed Virus	298
	<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 Reproductive & Respiratory Syndrome-Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4P19.20	Reproductive Form, Modified Live & Killed Virus	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	298
	<u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae Bacterin</u>	
4993.2A	H1N1 & H1N2 & H3N2, Killed Virus	190
4993.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
4993.20	H1N1 & H3N2, 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>
		*Conditional License
	<u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u>	
4994.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
4994.2D	H1N1 & H1N2 & H3N2, Killed Virus	190
	<u>Swine Influenza Vaccine-Mycoplasma Hyopneumoniae Bacterin</u>	
4995.2A	H1N1 & H1N2 & H3N2, Killed Virus	190
4995.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
4995.2C	H1N1 & H1N2 & H3N2, Killed Virus	190
4995.2D	H1N1 & H1N2 & H3N2, Killed Virus	190
4995.23	H1N1 & H3N2, Killed Virus	190
4995.26	H1N1 & H3N2, Killed Virus	190
	<u>Trichomonas Foetus Vaccine, Killed Protozoa-Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4990.00		124 196

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>Aleutian Disease Virus Counterelectrophoresis Antigen</u>	
5001.20		245
	<u>Anaplasma Antibody Test Kit</u>	
5002.20	CELISA	332
5002.21	cELISA	332
	<u>Avian Encephalomyelitis Virus Antibody Test Kit</u>	
5006.00		190 313 450 588A
	<u>Avian Encephalomyelitis-Bronchitis-Bursal Disease-Newcastle Disease-Reovirus Antibody Test Kit</u>	
5106.00		450
	<u>Avian Influenza Virus Antibody Test Kit</u>	
5004.00		190 313
	<u>Avian Influenza Virus Antibody Test Kit</u>	
5004.20	ELISA	313 450 588A
5004.21	cELISA	190
	<u>Avian Influenza Virus RNA Test Kit</u>	
50A5.80		432
	<u>Avian Influenza Virus Type A Antigen Test Kit</u>	
5180.50		190
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		190 313 450

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>Avian Reovirus Antibody Test Kit</u>				
5008.00		190	313	450	588A
	<u>Babesia Caballi Antibody Test Kit</u>				
501A.20	cELISA	332			
	<u>Bluetongue Virus Antibody Test Kit</u>				
5010.00		332	336		
	<u>Bluetongue Virus Antibody Test Kit</u>				
5010.20	cELISA	332	336		
	<u>Bordetella Avium Antibody Test Kit</u>				
5015.00		190			
	<u>Bovine Leukemia Virus Antibody Test Kit</u>				
5505.20		332	336		
	<u>Bovine Spongiform Encephalopathy Antigen Test Kit</u>				
5430.21	EIA	313			
5430.22	ELISA	624			
5430.40	Immunohistochemistry	332			
	<u>Bovine Spongiform Encephalopathy-Scrapie Antigen Test Kit</u>				
5440.21	EIA	313			
	<u>Bovine Virus Diarrhea Antigen Test Kit</u>				
5A05.00		313			
5A05.22		190	313		
5A05.50		190			
	<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	424		

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Canine Borrelia Burgdorferi Antibody Test Kit</u>	
5017.50		373 424
	<u>Canine Brucellosis Antibody Test Kit</u>	
5021.00		190
	<u>Canine Coronavirus Antigen Test Kit</u>	
5016.50		544B
	<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
	<u>Canine Ehrlichia Antibody Test Kit</u>	
5039.20		373 424
	<u>Canine Heartworm Antigen Test Kit</u>	
5018.00		190 213 373 424 430 544B 631
5018.01		213 544B
5018.02		213 313
5018.03		213 313
5018.04		190
5018.06		190
5018.08		190
	<u>Canine Heartworm Antigen-Anaplasma Phagocytophilum-Platys-Borrelia Burgdorferi-Ehrlichia Canis-Ewingii Antibody Test Kit</u>	
5P21.00		313
	<u>Canine Heartworm Antigen-Anaplasma-Borrelia Burgdorferi-Ehrlichia Antibody Test Kit</u>	
5P23.00		373
	<u>Canine Leptospira Antibody Test Kit</u>	
5052.20		190D
5052.50		313

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Canine Parvovirus Antigen Test Kit</u>	
5024.01		430
5024.02		190
5024.03		190 313
5024.04		190
	<u>Canine Parvovirus Antigen Test Kit</u>	
5024.00	Blot Test	373
5024.50	Blot Test	544B 589A
	<u>Canine Parvovirus-Coronavirus Antigen Test Kit</u>	
5A22.50		544B
	<u>Canine Rheumatoid Factor Antigen Test Kit</u>	
5012.00		190
	<u>Caprine Arthritis-Encephalitis-Ovine Progressive Pneumonia Virus Antibody Test Kit</u>	
5140.00		336
	<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
5420.22	ELISA	624
	<u>Epizootic Hemorrhagic Disease Virus Antibody Test Kit</u>	
5A27.00		336
	<u>Equine Arteritis Virus Antibody Test Kit</u>	
5525.20	cELISA	332
	<u>Equine Infectious Anemia Virus Antibody Test Kit</u>	
5515.21		190 332 430
5515.22		313 430
5515.23		332

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<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
	<u>Feline Heartworm Antibody Test Kit</u>	
5F18.00		213
	<u>Feline Heartworm Antigen Test Kit</u>	
5F20.00		313
	<u>Feline Heartworm-Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit</u>	
502C.01		313
502C.51		190D
	<u>Feline Immunodeficiency Virus Antibody Test Kit</u>	
5036.00		313 373
5036.02		190
	<u>Feline Infectious Peritonitis Virus Antibody Test Kit</u>	
5029.00		190
5029.01		544B
	<u>Feline Leukemia Virus Antigen Test Kit</u>	
5028.00		190 373 589A
5028.01		190 313
5028.02		190
5028.03		190 313
5028.04		190
	<u>Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit</u>	
502A.00		190 373
502A.01		190
502A.02		313
	<u>Feline Panleukopenia Virus Antibody Test Kit</u>	
503F.50	Dot Blot	454A

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>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>Fowl Laryngotracheitis Virus Antibody Test Kit</u>				
5601.00		190	588A		
	<u>Giardia Antigen Test Kit</u>				
5G05.20		446			
5G05.50		313	373		
5G05.51		430			
	<u>Hemorrhagic Enteritis Virus Antibody Test Kit</u>				
57E1.00		190			
	<u>Infectious Bronchitis Virus Antibody Test Kit</u>				
5030.00		190	313	450	588A
	<u>Infectious Bursal Disease Virus Antibody Test Kit</u>				
5040.00		190	313	450	588A
5040.01		190	313		
	<u>Mycobacterium Bovis Antibody Test Kit</u>				
5A65.20		313			
	<u>Mycobacterium Bovis-Mycobacterium Tuberculosis Antibody Test Kit</u>				
5470.00		645			
5470.01		645			
5470.50		645			
	<u>Mycobacterium Paratuberculosis Antibody Test Kit</u>				
5064.00		190	313B		
5064.01		190			

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
		*Conditional License			
	<u>Mycobacterium Paratuberculosis DNA Test Kit</u>				
5066.00		432			
	<u>Mycobacterium Paratuberculosis DNA Test Kit</u>				
5066.80	Polymerase Chain Reaction	644			
	<u>Mycoplasma Gallisepticum Antibody Test Kit</u>				
5070.00		190	313	450	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	450	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>	<i>*Conditional License</i>
5080.00		190 313 450
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		190 313
	<u>Pasteurella Multocida Antibody Test Kit, Avian Isolates</u>	
5130.00		190 313
	<u>Porcine Epidemic Diarrhea Virus Antibody Test Kit</u>	
5003.20		190
	<u>Porcine Reproductive & Respiratory Syndrome Virus Antibody Test Kit</u>	
59S5.02		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>	
5207.00	Stained Antigen Polyvalent	196
	<u>Reticuloendotheliosis Virus Antibody Test Kit</u>	
5265.00		313
	<u>Salmonella Enteritidis Antibody Test Kit</u>	
5SE5.00		313

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Salmonella Enteritidis-Typhimurium Antibody Test Kit</u>	
57E5.00		588A
	<u>Scrapie Antigen Test Kit</u>	
5410.21	ELISA	624
	<u>Small Ruminant Lentivirus Antibody Test Kit</u>	
5139.20	cELISA	332
	<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>Swine Influenza Virus Type A Antigen Test Kit</u>	
5181.50		190
5181.51		190
	<u>Theileria Equi Antibody Test Kit</u>	
501B.20		332
	<u>Transmissible Spongiform Encephalopathy Antigen Test Kit</u>	
5431.20	ELISA	624
	<u>Trichinella Spiralis Antibody Test Kit</u>	
5350.00		430
	<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

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Antitoxins

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Antivenin</u>	
6101.00	Crotalidae Polyvalent	124 196
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-Escherichia Coli Antibody</u>	
6212.01	Equine Origin	196
6212.02	Equine Origin	196
	<u>Clostridium Perfringens Type C Antitoxin</u>	
6211.00	Equine Origin	188
6211.01	Equine Origin	196
	<u>Clostridium Perfringens Type D Antitoxin</u>	
6201.00		188
	<u>Clostridium Perfringens Types C & D Antitoxin</u>	
6221.00	Equine Origin	124 188 196
	<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-Clostridium Perfringens Type C-Erysipelothrix Rhusiopathiae-Escherichia Coli-Pasteurella Multocida Bacterin-Toxoid</u>	
7150.00		196
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Haemophilus Parasuis-Pasteurella Multocida Bacterin-Toxoid</u>	
7045.00		124
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Pasteurella Multocida Bacterin-Toxoid</u>	
7054.00		124
7054.01		196
	<u>Bordetella Bronchiseptica-Pasteurella Multocida Bacterin-Toxoid</u>	
7060.00		124 190
	<u>Clostridium Botulinum Type C Bacterin-Toxoid</u>	
7010.00		245
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C & D Bacterin-Toxoid</u>	
7160.00		124 190
7160.01		165A 190
7160.02		124A 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 Bacterin-Toxoid</u>	
7330.00		188

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterin-toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<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 190 196
7410.02		124 190
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D-Haemophilus Somnus Bacterin-Toxoid</u>	
7423.00		124 165A 190
	<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		165A 190 196
7890.01		165A 196
	<u>Clostridium Perfringens Types C & D Bacterin-Toxoid</u>	
7870.00		165A 190 196
7870.02		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*

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterin-toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Escherichia Coli Bacterin-Toxoid</u>	
7850.00		298
7900.R0		190
	<u>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
7895.00		290
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
	<u>Mannheimia Haemolytica Bacterin-Toxoid</u>	
7905.00		190 290
	<u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
7935.00		298
7935.01		315
7935.04		315
	<u>Pasteurella Multocida Bacterial Extract-Mannheimia Haemolytica Toxoid</u>	
7945.00		124
	<u>Salmonella Typhimurium Bacterin-Toxoid</u>	
7910.00		345
7910.01		345
	<u>Staphylococcus Aureus Bacterin-Toxoid</u>	
7960.C0		407*

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 A Toxoid</u>	
8081.00		165A 196 *
8081.01		196*
	<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*
8900.01		407*
	<u>Mannheimia Haemolytica Toxoid</u>	
8699.00		190
8699.01		124 196
	<u>Tetanus Toxoid</u>	
8601.00		124 188 298
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>					
		*Conditional License					
	<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	259	294	359			
9529.00	Mixed Foods	294					
9522.03	Mixed Grasses	259	294	359			
9524.00	Mixed Inhalants	259	294	359			
9528.00	Mixed Insects	259	294	359			
95A1.00	Mixed Mites	359					
9523.00	Mixed Molds	259	294	359			
9522.01	Mixed Ragweed	259	294	359			
9522.02	Mixed Trees	259	294	359			
9522.04	Mixed Weeds	259	294	359			
9531.00	Prescription Product	213	259	294	359	403	622
	<u>Canine Atopic Dermatitis Immunotherapeutic</u>						
9580.02		190					
	<u>Canine Lymphoma Vaccine</u>						
9241.D0	DNA	298*					
	<u>Canine Melanoma Vaccine</u>						
9240.D0	DNA	298					
	<u>Canine Osteosarcoma Vaccine</u>						
9243.R0	Live Listeria Vector	419*					
	<u>Caprine Serum Fraction Immunomodulator</u>						
9360.00		188					
	<u>DNA Immunostimulant</u>						
9381.D0		213					
	<u>Feline Interleukin-2 Immunomodulator</u>						
9401.R0	Live Canarypox Vector	298*					
	<u>Lymphocyte T-Cell Immunomodulator</u>						
9410.00		598*					

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>	
9PP0.00	RNA Particle	165A *
	<u>Propionibacterium Acnes Immunostimulant</u>	
9350.00		302
	<u>Rubeola Virus Immunomodulator</u>	
9400.00		385*
	<u>Staphylococcus Aureus Phage Lysate</u>	
9355.00		339

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For further manufacture: vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
		<i>*Conditional License</i>		
	<u>Autogenous Virus</u>			
A015.20	Killed Virus	301	464	597
A015.10	Live Virus	344	415	
A015.11	Live Virus	344		
	<u>Avian Reovirus</u>			
A045.02	Killed Virus	368		
A045.03	Killed Virus	368		
A045.04	Killed Virus	368		
	<u>Bordetella Avium</u>			
A021.01	Avirulent Live Culture	165A		
	<u>Bovine Coronavirus</u>			
A931.26	Modified Live Virus	190		
	<u>Bovine Parainfluenza 3 Virus</u>			
A841.20	Modified Live Virus	190		
A841.22	Modified Live Virus	190		
	<u>Bovine Respiratory Syncytial Virus</u>			
A091.20	Modified Live Virus	190	213	
	<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		
A201.20	Modified Live Virus	213		
	<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>	
A2B9.42	Live Variant	415
A2B9.43	Live Variant	415
A2B9.50	Live Variant	415
A271.00	Live Virus	344
A271.21	Live Virus	165A
A271.50	Live Virus	344 415
A2B1.4A	Live Virus	344
A3B1.00	Live Virus	415
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	344 415
	<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
	<u>Encephalomyelitis Virus</u>	
A485.00	Venezuelan, Killed Virus	188
A485.25	Western, Killed Virus	124

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 Vaccine</u>	
A505.21	Killed Virus	597
	<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>	
A555.21	Killed Virus	190
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

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>Giardia Lamblia Vaccine</u>	
A8G5.00	Killed Protozoa	190
	<u>Ovine Ecthyma Vaccine</u>	
A821.50	Modified Live Virus	393
	<u>Parvovirus Vaccine</u>	
A8P5.23	Killed Virus	190
	<u>Porcine Circovirus</u>	
A9K5.R2	Type 1 - Type 2 Chimera, Killed Virus	190
	<u>Porcine Reproductive & Respiratory Syndrome Virus</u>	
A9S1.R1	Modified Live Virus	329
	<u>Rabies Vaccine</u>	
A901.R0	Live Vaccinia Vector	298
	<u>Rabies Virus</u>	
A905.22	Killed Virus	165A
	<u>West Nile Virus</u>	
A995.20	Killed Virus	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>		
		*Conditional License		
	<u>Actinobacillus Pleuropneumoniae Bacterin</u>			
B657.01		301		
	<u>Actinobacillus Pleuropneumoniae</u>			
B657.00	Killed Culture	301		
	<u>Autogenous Bacterin</u>			
B051.02		597		
B051.03		597		
B051.04		597		
	<u>Autogenous Killed Culture</u>			
B051.00		301	329	464
	<u>Clostridium Chauvoei</u>			
B250.00	Killed Culture	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		

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>Moraxella Bovis</u>	
B772.01	Killed Culture	355
	<u>Mycoplasma Hyopneumoniae Bacterin</u>	
B775.00		190 329
B775.03		190
B775.07		329
	<u>Mycoplasma Hyopneumoniae</u>	
B775.01	Killed Culture	190
	<u>Pasteurella Multocida</u>	
B705.00	Killed Culture, Avian Isolates, Types 1 & 3 & 4 & 3 X 4	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
	<u>Equine IgG</u>	
C607.00		328

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>
		*Conditional License
	<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>	
D6W5.22	Eastern & Western, Killed Virus	597
D6W5.23	Eastern & Western, Killed Virus	597
	<u>Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine-Tetanus Toxoid</u>	
D847.20	Eastern & Western & Venezuelan, Killed Virus	597
D847.21	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>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
D8C5.20	Killed Virus	196

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>
	<u>Avian Influenza Virus Type A Antigen Test Kit</u>	
E180.50		190D
	<u>Canine Heartworm Antigen Test Kit</u>	
E018.00		190D 213 445
E018.01		190D 445
	<u>Canine Parvovirus Antigen Test Kit</u>	
E024.03		313 607
	<u>Canine Parvovirus Antigen Test Kit</u>	
E024.06	Component	190D
	<u>Feline Heartworm Antibody Test Kit</u>	
EF18.00		213 445
	<u>Feline Immunodeficiency Virus Antibody Test Kit</u>	
E036.01	Component	190D
	<u>Feline Leukemia Virus Antigen - Feline Immunodeficiency Virus Antibody Test Kit, Component</u>	
E02A.00		190D
	<u>Feline Leukemia Virus Antigen Test Kit, Component</u>	
E028.06		190D
	<u>Feline Leukemia Virus Antigen Test Kit</u>	
E028.02	Component	190D
	<u>Giardia Antigen Test Kit</u>	
EG05.50		313 607

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 Novyi</u>	
G680.00	Killed Culture	311
	<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 A Toxoid</u>	
H081.00		311
	<u>Clostridium Perfringens Type C Toxoid</u>	
H101.00		188 311
	<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>	
H601.02		597
	<u>Tetanus Toxoid</u>	
H601.00	Killed Culture	188
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>
		<i>*Conditional License</i>
	<u>DNA Immunostimulant</u>	
I381.D1		213A
	<u>Diluent</u>	
DILU.00		124 165A 188 189 189C 190 196 213 268 279 286 294 298 315 337 368 393 407 419 472 605
	<u>Mycobacterium Cell Wall Fraction</u>	
I300.00		289
	<u>Rubeola Virus Immunomodulator</u>	
I400.00		213 385

Index of Product Components

Component	Pages
Actinobacillus pleuropneumoniae (Untyped)	44, 85
Actinobacillus pleuropneumoniae, Serotype 5	65
Adenovirus, Avian (Group 1)	21
Adenovirus, Canine (Untyped)	36
Adenovirus, Canine, Type 2	28, 29, 30, 58, 59, 60, 67, 82
Adenovirus, Turkey (Hemorrhagic Enteritis)	36, 70
Aeromonas salmonicida	44, 61
Allergen	79
Anaplasma marginale	21, 65
Anaplasma phagocytophilum (Ehrlichia equi)	66, 67
Anaplasma platys	66, 67
Arthrobacter sp.	21
Autogenous	21, 44, 54, 81, 85, 88
Avibacterium paragallinarium	44
Babesia caballi	66
Bacillus anthracis	21
Bluetongue Virus, Serotype 10	23
Bluetongue Virus, Serotype 11	23
Bluetongue Virus, Serotype 17	23
Bordetella avium	23, 66, 81
Bordetella bronchiseptica	23, 28, 30, 44, 60, 75
Borrelia burgdorferi	45, 58, 59, 67
Bovine Virus Diarrhea Virus (Untyped)	24, 25, 54, 55, 56, 57, 66, 81
Brucella abortus	26, 66
Brucella canis	67
Brucella ovis	50
Brucella suis	45
Bursal Disease (Birnavirus, Avian)	27, 28, 65, 70, 82, 87
Calicivirus, Feline	33, 34, 35, 83
Campylobacter fetus	45, 54, 55, 57, 64
Campylobacter jejuni	45
Chicken Anemia Virus	21, 30, 68
Chlamydia psittaci	30, 33, 34, 45, 82
Circovirus, Porcine, Type 2	40, 63, 84
Clostridium botulinum Type B	74, 78
Clostridium botulinum Type C	61, 62, 75
Clostridium chauvoei	45, 46, 75, 76, 85
Clostridium haemolyticum	46, 75
Clostridium novyi	75, 76, 91
Clostridium perfringens Type A	78, 92
Clostridium perfringens Type C	57, 63, 74, 75, 76, 78, 92
Clostridium perfringens Type D	57, 74, 75, 76, 78, 92
Clostridium septicum	45, 46, 75, 76, 92
Clostridium sordellii	75, 76, 91, 92
Clostridium tetani	60, 61, 74, 75, 76, 78, 88, 90, 92
Coccidia (Untyped)	31, 82
Coronavirus, Bovine	23, 25, 52, 57, 81
Coronavirus, Canine	28, 29, 58, 59, 67, 68
Coronavirus, Chicken (Bronchitis)	26, 28, 39, 62, 65, 70, 81

Index of Product Components

Component	Pages
Coronavirus, Feline (Infectious Peritonitis)	33, 69, 83
Coronavirus, Porcine (TGE)	41, 63
Corynebacterium pseudotuberculosis	46, 76, 91
Crotalus atrox (Rattlesnake)	74, 78
Edwardsiella ictaluri	31
Ehrlichia canis	67
Ehrlichia chaffeensis	67
Ehrlichia ewingii	67
Encephalomyelitis Virus, Eastern Equine	31, 60, 61, 88
Encephalomyelitis Virus, Equine, Venezuelan	60, 61, 82, 88
Encephalomyelitis Virus, Equine, Western	31, 60, 61, 82, 88
Enterovirus, Avian (Encephalomyelitis)	21, 22, 65
Enterovirus, Duck (Hepatitis)	31
Erysipelothrix rhusiopathiae	32, 44, 46, 62, 63, 64, 75, 88
Escherichia coli (Non-J5)	33, 46, 52, 53, 57, 63, 74, 75, 76, 77, 85
Feline Leukemia Virus	33, 34, 69, 83, 89
Flavobacterium columnare	35
Foot & Mouth Disease Virus, Untyped	70
Fusobacterium necrophorum	47
Giardia Lamblia	70, 84, 89
Haemophilus parasuis	36, 44, 46, 47, 75
Heartworm, Canine (Dirofilaria immitis)	67, 69, 89
Herpesvirus, Bovine (IBR)	23, 24, 25, 54, 55, 56, 57, 81
Herpesvirus, Chicken (Laryngotracheitis)	22, 35, 70
Herpesvirus, Chicken (Mareks, Serotype 1)	27, 37
Herpesvirus, Chicken [Mareks, Serotype 2]	27, 35, 37
Herpesvirus, Duck (Enteritis, Plague)	31
Herpesvirus, Equine (Rhinopneumonitis, Untyped)	32, 61, 83, 88
Herpesvirus, Feline (Rhinotracheitis)	33, 34, 35, 83
Herpesvirus, Porcine (Pseudorabies)	41, 72
Herpesvirus, Turkey [Mareks, Serotype 3]	22, 27, 35, 37
Histophilus (Haemophilus) somni	47, 54, 55, 56, 57, 75, 76, 77
Immunomodulator	79, 80, 87, 93
Infectious Hematopoietic Necrosis Virus	36
Influenza Virus, Avian (Untyped)	22, 65, 89
Influenza Virus, Avian, H5	22
Influenza Virus, Avian, H7	22
Influenza Virus, Canine	30
Influenza Virus, Canine, H3N2	30
Influenza Virus, Canine, H3N8	30
Influenza Virus, Equine	32, 60, 61, 83, 88
Influenza Virus, Pandemic, H1N1	42
Influenza Virus, Swine	42, 73
Influenza Virus, Swine, H1N1	42, 62, 63, 64
Influenza Virus, Swine, H1N2	42, 62, 63, 64
Influenza Virus, Swine, H3N2	42, 62, 63, 64
Lawsonia intracellularis	36, 47
Leptospira (untyped)	62, 67
Leptospira bratislava	62

Index of Product Components

Component	Pages
Leptospira canicola	29, 45, 46, 47, 48, 54, 55, 56, 57, 58, 59, 60, 62, 63, 64, 85, 88
Leptospira grippityphosa	29, 45, 46, 47, 48, 54, 55, 56, 57, 58, 59, 60, 62, 63, 64, 85, 88
Leptospira hardjo	45, 46, 47, 48, 54, 55, 56, 57, 62, 63, 64, 85, 88
Leptospira icterohaemorrhagiae	29, 45, 46, 47, 48, 54, 55, 56, 57, 58, 59, 60, 62, 63, 64, 85, 88
Leptospira pomona	29, 45, 46, 47, 48, 54, 55, 56, 57, 58, 59, 60, 62, 63, 64, 85, 88
Mannheimia (Pasteurella) haemolytica	25, 36, 46, 47, 48, 53, 54, 55, 56, 57, 75, 76, 77, 78, 91
Mink Distemper Virus	37, 38, 61
Moraxella bovis	48, 76, 85, 86
Moraxella bovoculi	49
Mycobacterium bovis	70, 73, 80
Mycobacterium paratuberculosis	49, 70, 71
Mycobacterium phlei	80, 93
Mycobacterium tuberculosis	70, 73
Mycoplasma bovis	49
Mycoplasma gallisepticum	22, 35, 38, 49, 62, 71
Mycoplasma hyopneumoniae	46, 47, 49, 63, 64, 71, 86
Mycoplasma hyorhinis	49
Mycoplasma meleagridis	71
Mycoplasma synoviae	49, 71
Neorickettsia risticii	49, 63
Neospora caninum	71
No Agent	52, 80
Orbivirus, Deer (Epizootic Haemorrhagic)	68
Orbivirus, Ovine (Bluetongue), Untyped	23, 66
Orthomyxovirus, Fish (Inf. Salmon Anemia)	61
Papilloma Virus, Bovine (Wart)	43
Parainfluenza 3 Virus, Bovine	23, 24, 25, 39, 55, 56, 57, 81
Parainfluenza, Canine	28, 29, 30, 58, 59, 60, 82
Paramyxovirus, Avian (Newcastle)	27, 28, 37, 38, 39, 62, 65, 72
Paramyxovirus, Avian (Non-Newcastle)	22, 39
Paramyxovirus, Canine (Distemper)	29, 30, 31, 58, 59, 60, 67, 82
Paramyxovirus, Human (Measles)	29, 30, 80, 93
Parapox Virus, Ovine (Ecthyma, ORF)	39, 84
Parvovirus, Canine	29, 30, 40, 58, 59, 60, 67, 68, 82, 89
Parvovirus, Feline (Panleukopenia)	33, 34, 35, 69, 83
Parvovirus, Mink (Aleutian Disease)	65
Parvovirus, Mink (Enteritis)	38, 61, 62
Parvovirus, Porcine	40, 62, 63, 84, 88
Pasteurella multocida (Untyped)	25, 36, 40, 44, 46, 47, 48, 49, 50, 53, 54, 57, 72, 75, 77, 91
Pasteurella multocida, Avian, Type 1	50, 86
Pasteurella multocida, Avian, Type 3	50, 86
Pasteurella multocida, Avian, Type 3x4	50, 86
Pasteurella multocida, Avian, Type 4	50, 86
Pneumovirus, Avian	22
Polyomavirus, Avian	22

Index of Product Components

Component	Pages
Porcine Epidemic Diarrhea Virus	40, 72
Porcine Reproductive & Respiratory Syndrome Virus	40, 41, 63, 72, 84
Pox Virus, Fowl	21, 22, 35, 38
Pox Virus, Pigeon	22, 40
Propionibacterium acnes	80
Pseudomonas aeruginosa (Untyped)	50, 61, 62
Rabies Virus	34, 35, 41, 63, 84
Reovirus, Avian (Tenosynovitis)	37, 43
Reovirus, Avian (Unspecified Syndrome)	23, 28, 65, 66, 81
Respiratory Syncytial Virus, Bovine	23, 24, 25, 55, 56, 57, 81
Retrovirus, Avian (Leukosis)	65
Retrovirus, Bovine (Leukemia)	66
Retrovirus, Caprine (CAE)	68, 73
Retrovirus, Equine (EIA)	68, 69
Retrovirus, Feline (FIV)	33, 69, 89
Retrovirus, Ovine (OPP)	68
Retrovirus, Turkey (Reticuloendotheliosis)	72
Rheumatoid Factor	68
Rhinitis A Virus, Equine	32, 83
Rhodococcus equi	52, 53
Riemerella (Pasteurella) anatipestifer	41, 46
Rotavirus, Bovine	25, 52, 57
Rotavirus, Equine	32, 83
Rotavirus, Porcine	41, 63
Salmonella choleraesuis	42
Salmonella dublin	42, 50
Salmonella enteritidis	50, 62, 72, 73, 86
Salmonella kentucky	50
Salmonella newport	50
Salmonella pullorum	72
Salmonella typhimurium	42, 50, 53, 54, 73, 77
Serpens sp.	50
Staphylococcus aureus	50, 77, 80
Streptococcus equi	42, 50, 53
Streptococcus suis (Untyped)	51
Streptococcus uberis	51
Theileria equi	73
Togavirus, Equine (EVA)	31, 68
Transmissible Spongiform Encephalopathy Agent	66, 68, 73
Trichinella spiralis	73
Trichomonas foetus	43, 64, 73
Trueperella (Arcanobacterium/Actinomyces) pyogenes	53
Vibrio anguillarum	44, 61
Vibrio ordalii	44, 61
Vibrio salmonicida	44, 61
West Nile Virus	31, 43, 53, 60, 61, 73, 84, 88
Yersinia ruckerii	51