

**United States
Department of
Agriculture**

Marketing and
Regulatory
Programs

Animal and Plant
Health Inspection
Service

Veterinary Services

Center for Veterinary
Biologics
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Veterinary Biological Products

Licenses and Permittees December 2006

INTRODUCTION

This semiannual 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, 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 type; 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 finished product.

True names for these products describe the product licensed, such as virus, killed culture, purified antibody, etc. Current product nomenclature such as vaccine, bacterin, etc., is used 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
510 South 17th Street, Suite 104
Ames, IA 50010

For on-line information, the Internet address is www.aphis.usda.gov/vs/cvb. This site provides access to Policy, Evaluation, and Licensing program information.

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107	For Further Manufacture: Bacterin-Toxoids
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109	For Further Manufacture: Miscellaneous
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ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
A. M. Biotechniques, Inc.	286
Abbott Laboratories	460
Abbott Laboratories (Enfer) (Permittee)	460B
Abbott Laboratories (Vedalab) (Permittee)	460A
Addison Biological Laboratory, Inc.	355
Affinitech, LTD	450
AGEN, Inc. (Permittee)	338 338A
ALK-Abello, Inc.	259
Allied Biologics Company, Inc.	290
Alpharma NW Inc (Permittee)	285A
Alpharma NW Inc.	285
American Animal Health, Inc.	315
American Embryo Systems	315
American Scientific Laboratories, Inc.	226
American Swine Products	315
American Veterinary Reference Laboratory	347
Americana Laboratories, Inc.	188
Anchor	124
Arko Laboratories Ltd.	337
Binax, Inc.	330
Bio-Ceutic	124
Bio-Medical Services	627
Bio-Rad Laboratories (Permittee)	624

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Biocor Animal Health Inc.	189
Biodesign International	320
Biomune Co.	368
Bioniche Animal Health USA, Inc.	289
Bioniche Animal Health USA, Inc. (Permittee)	289B
Bioqual, Inc.	411
Biovet Inc.	337
Boehringer Ingelheim Vetmedica, Inc.	124
Brinton Laboratories Inc.	343
Briton Laboratories, Inc.	455
By-Prod/The Siris Group	621
Carrington Laboratories, Inc.	384
CAVL	364
Central Biomedica, Inc.	328
Charles River Laboratories, Inc.	344
Charles River Laboratories, Inc. (Permittee)	344A
Colorado Serum Company	188
Colostrum Technologies, Inc.	363
Continental Pharmacal Company	188
Cuprem, Inc.	363
Dairy Health Laboratories	357
Delmont Laboratories, Inc.	339
Denver Colorado Laboratories, Inc.	188

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Diagnostic Chemicals Limited (USA) (Permittee)	610
Diagxotics, Inc.	386
Diamond Animal Health, Inc.	213
Dow Agrosciences, LLC	642
Embrex Poultry Health, LLC	412
Empire Veterinary Company	188
Epitopix, LLC	365
Eudaemonic Corporation	385
Fonterra (USA) Inc. (Permittee)	341
Fort Dodge Animal Health	112
Fort Dodge Laboratories, Inc.	112
Fort Dodge Laboratories, Inc. (Permittee)	112E
Genova Biologics, LLC	597
Glatt Air Techniques, Inc.	406
Greer Laboratories, Inc.	294
Hennessy Research Associates, LLC	597
Hygieia Biological Laboratories	407
Idetek, Inc.	325
IDEXX Laboratories, Inc.	313
Immucell Corporation	327
Immune Modulators, LLC	606
Immuno-Dynamics, Inc.	379
Immunovet	302

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Immvac, Inc.	345
Imu-Tek Animal Health Inc.	395
International Duck Research Cooperative, Inc.	268
International Immunology Corp.	361
International, Inc.	188
Intervet Inc. (Permittee)	286A
Intervet, Inc.	286
Jerry Zinn (Permittee)	335
Kestrel, Inc.	415
La Belle Associates, Inc.	396
Lake Immunogenics, Inc.	318
Land O' Lakes Animal Milk Products Company (Permittee)	612A
Lohmann Animal Health International	196
Medical Packaging Corporation	607
Merck Chemical Division	3
Merck Sharp & Dohme	3
Merck Sharp & Dohme International	3
Merial Select, Inc.	279
Merial, Inc.	298
Metropolitan Medical Company	188
Mg Biologics, Inc.	614
MVP Laboratories, Inc.	301
Natur's Way Company	404 404A

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Nelco Laboratories Inc.	359
Neogen Corporation	302
Neotech, LLC	472
Newport Laboratories, Inc.	455
Novartis Animal Health US, Inc (Permittee)	303A
Novartis Animal Health US, Inc.	303
Oregon Freeze Dry	409
Pet Allergy Laboratory	643
Pet Health, Incorporated	312
Pfizer Animal Health	189
Pfizer Animal Health (Permittee)	189A 189C
Pierce Biotechnology, Inc.	625
Plasvacc USA, Inc.	360
Poultry Health Laboratories	357
PP Manufacturing Corporation	317
Prion Developmental Laboratories, Inc.	632
Procor Technologies	370
Professional Biological Company	188
Protatek International, Inc.	329
Quad Five	366
Quidel Corporation	445
Research Biogenics Inc.	346
SA Scientific, Inc	373

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Safepath Laboratories	430
Schering-Plough Animal Health (Permittee)	311
Schering-Plough Animal Health Corporation	107 165A 226
Scientific Laboratories, Inc.	188
Sera, Inc.	328
SolidTech Animal Health, Inc.	604
Spectrum Labs, Inc	403
Strategic Biosolutions	398
Swine Health Laboratories	357
Synbiotics Corporation	312
Synbiotics Corporation (Australia) (Permittee)	312A
Synbiotics Corporation (Europe/France) (Permittee)	312B
Synbiotics Corporation (Mexico) (Permittee)	312C
T-Cyte Therapeutics, Inc.	598
Tetracore, Inc.	644
Texas Agricultural Experiment Station	393
Texas Vet Lab, Inc.	290
Texson Laboratories	315
United Biomedical, Inc.	620
United Vaccines, Inc.	245
Universal Laboratories, Inc.	188
Vaccicel, Inc.	292
Vetazyme Corporation	321

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>License Number</u>
Vetbio, Inc.	290
Vetech Laboratories Of Buffalo (Permittee)	374
Veterinary Allergy Reference Laboratory	622
Veterinary Diagnostic Technology, Inc.	336
Viral Antigens, Inc.	320
Viridus Animal Health, LLC	605
VMRD, Inc.	332

NUMERICAL LISTING OF ESTABLISHMENTS

**LICENSE
NUMBER**

Merck & Company, Inc.

Divisions: Merck Chemical Division
Merck Sharp & Dohme International

Mail: Merck Sharp & Dohme
Division Of Merck & Co., Inc.
West Point, PA 19486

Type: Licensee

3

Schering-Plough Animal Health Corporation

Mail: Schering-Plough Animal Health Corporation
909 East Orchard Street
Mundelein, IL 60060

Type: Licensee

107

Wyeth

Divisions: Fort Dodge Animal Health
Subsidiaries: Fort Dodge Laboratories, Inc.

Mail: Fort Dodge Laboratories, Inc.
800 5th Street NW
P.O. Box 518
Fort Dodge, IA 50501

Type: Licensee

112

Wyeth

Mail: Fort Dodge Laboratories, Inc.
800 5th Street NW
P.O. Box 518
Fort Dodge, IA 50501

Type: Permittee

112E

Boehringer Ingelheim Vetmedica, Inc.

Divisions: Anchor
Bio-Ceutic

Mail: Boehringer Ingelheim Vetmedica, Inc.
2621 North Belt Highway
St. Joseph, MO 64506

Type: Licensee

124

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE
NUMBER

Schering-Plough Animal Health Corporation

Mail: Schering-Plough Animal Health Corporation
P.O. Box 3113
Omaha, NE 68103

Type: Licensee

165A

Colorado Serum Company

Subsidiaries: Americana Laboratories, Inc.
Continental Pharmacal Company
Denver Colorado Laboratories, Inc.
Empire Veterinary Company
International, Inc.
Metropolitan Medical Company
Professional Biological Company
Scientific Laboratories, Inc.
Universal Laboratories, Inc.

Mail: Colorado Serum Company
4950 York Street
Denver, CO 80216

Type: Licensee

188

Pfizer Inc.

Subsidiaries: Biocor Animal Health Inc.

Mail: Pfizer Animal Health
601 West Cornhusker Highway
Lincoln, NE 68521

Type: Licensee

189

Pfizer, Inc.

Mail: Pfizer Animal Health
601 West Cornhusker Highway
Lincoln, NE 68521

Type: Permittee

189A

Pfizer Inc.

Mail: Pfizer Animal Health
601 West Cornhusker Highway
Lincoln, NE 68521

Type: Permittee

189C

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
Lohmann Animal Health International	196
<i>Mail:</i> Lohmann Animal Health International 375 China Road Winslow, ME 04901	
<i>Type:</i> Licensee	
Heska Corporation	213
<i>Subsidiaries:</i> Diamond Animal Health, Inc.	
<i>Mail:</i> Diamond Animal Health, Inc. 2538 SE 43rd Street Des Moines, IA 50327-1538	
<i>Type:</i> Licensee	
Schering-Plough Animal Health Corporation	226
<i>Subsidiaries:</i> American Scientific Laboratories, Inc.	
<i>Mail:</i> Schering-Plough Animal Health Corporation Route 113, P.O. Box 537 Millsboro, DE 19966	
<i>Type:</i> Licensee	
United Vaccines, Inc.	245
<i>Mail:</i> United Vaccines, Inc. 2826 Latham Drive Madison, WI 53713	
<i>Type:</i> Licensee	
ALK-Abello, Inc.	259
<i>Mail:</i> ALK-Abello, Inc. 35 Channel Drive Port Washington, NY 11050	
<i>Type:</i> Licensee	
International Duck Research Cooperative, Inc.	268
<i>Mail:</i> International Duck Research Cooperative, Inc. P.O. Box 217 Eastport, NY 11941	
<i>Type:</i> Licensee	
Merial, Inc.	279
<i>Mail:</i> Merial Select, Inc. P.O. Drawer 2497 Gainesville, GA 30503-2497	
<i>Type:</i> Licensee	

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
Alpharma NW, Inc.	285
<i>Mail:</i> Alpharma NW Inc. 1720 130th Avenue NE Bellevue, WA 98005	
<i>Type:</i> Licensee	
Alpharma NW Inc	285A
<i>Mail:</i> Alpharma NW Inc 1720 130th Avenue NE Bellevue, WA 98005	
<i>Type:</i> Permittee	
Intervet, Inc.	286
<i>Divisions:</i> A. M. Biotechniques, Inc.	
<i>Mail:</i> Intervet, Inc. P.O. Box 318 29160 Intervet Lane Millsboro, DE 19966	
<i>Type:</i> Licensee	
Intervet Inc.	286A
<i>Mail:</i> Intervet Inc. P.O. Box 318 29160 Intervet Lane Millsboro, DE 19966	
<i>Type:</i> Permittee	
Bioniche Animal Health USA, Inc.	289
<i>Mail:</i> Bioniche Animal Health USA, Inc. 119 Rowe Road Athens, GA 30601	
<i>Type:</i> Licensee	
Bioniche Animal Health USA, Inc.	289B
<i>Mail:</i> Bioniche Animal Health USA, Inc. 119 Rowe Road Athens, GA 30601	
<i>Type:</i> Permittee	

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

Texas Vet Lab, Inc.	290
<i>Subsidiaries:</i> Allied Biologics Company, Inc. Vetbio, Inc.	
<i>Mail:</i> Texas Vet Lab, Inc. 1702 North Bell Street San Angelo, TX 76903	
<i>Type:</i> Licensee	
Vaccicel, Inc.	292
<i>Mail:</i> Vaccicel, Inc. 101 Greenbriar Street P. O. Box 847 Belton, TX 76513	
<i>Type:</i> Licensee	
Greer Laboratories, Inc.	294
<i>Mail:</i> Greer Laboratories, Inc. P.O. Box 800 Lenoir, NC 28645-0800	
<i>Type:</i> Licensee	
Merial, Inc.	298
<i>Mail:</i> Merial, Inc. 115 Transtech Drive Athens, GA 30601	
<i>Type:</i> Licensee	
MVP Laboratories, Inc.	301
<i>Mail:</i> MVP Laboratories, Inc. 4805 G Street Omaha, NE 68117	
<i>Type:</i> Licensee	
Neogen Corporation	302
<i>Divisions:</i> Immunovet	
<i>Mail:</i> Neogen Corporation 5910-G Breckenridge Parkway Tampa, FL 33610	
<i>Type:</i> Licensee	

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
Novartis Animal Health US, Inc. <i>Mail:</i> Novartis Animal Health US, Inc. 1447 140th Street Larchwood, IA 51241-9778 <i>Type:</i> Licensee	303
Novartis Animal Health US, Inc. <i>Mail:</i> Novartis Animal Health US, Inc 1447 140th Street Larchwood, IA 51241-9778 <i>Type:</i> Permittee	303A
Schering-Plough Animal Health Corp. <i>Mail:</i> Schering-Plough Animal Health P.O. Box 3113 Omaha, NE 68103 <i>Type:</i> Permittee	311
Synbiotics Corporation <i>Divisions:</i> Pet Health, Incorporated <i>Mail:</i> Synbiotics Corporation 16420 Via Esprillo San Diego, CA 92127 <i>Type:</i> Licensee	312
Synbiotics Corporation <i>Mail:</i> Synbiotics Corporation (Australia) 16420 Via Esprillo San Diego, CA 92127 <i>Type:</i> Permittee	312A
Synbiotics Corporation <i>Mail:</i> Synbiotics Corporation (Europe/France) 16420 Via Esprillo San Diego, CA 92127 <i>Type:</i> Permittee	312B
Synbiotics Corporation <i>Mail:</i> Synbiotics Corporation (Mexico) 16420 Via Esprillo San Diego, CA 92127 <i>Type:</i> Permittee	312C

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE
NUMBER

IDEXX Laboratories, Inc.

Mail: IDEXX Laboratories, Inc.
One IDEXX Drive
Westbrook, ME 04092

Type: Licensee

313

American Animal Health, Inc.

Divisions: American Embryo Systems
American Swine Products
Texson Laboratories

Mail: American Animal Health, Inc.
2619 Skyway Drive
Grand Prairie, TX 75052

Type: Licensee

315

PP Manufacturing Corporation

Mail: PP Manufacturing Corporation
175 Crossing Boulevard
Framingham, MA 01702

Type: Licensee

317

Lake Immunogenics, Inc.

Mail: Lake Immunogenics, Inc.
348 Berg Road
Ontario, NY 14519

Type: Licensee

318

Meridian Bioscience, Inc.

Subsidiaries: Biodesign International
Viral Antigens, Inc.

Mail: Viral Antigens, Inc.
5171 Wilfong Road
Memphis, TN 38134

Type: Licensee

320

Vetazyme Corporation

Mail: Vetazyme Corporation
1706 West Fourth Street
Tempe, AZ 85281

Type: Licensee

321

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
Idetek, Inc.	325
<i>Mail:</i> Idetek, Inc. 1057 Sneath Lane San Bruno, CA 94066	
<i>Type:</i> Licensee	
Immucell Corporation	327
<i>Mail:</i> Immucell Corporation 56 Evergreen Drive Portland, ME 04103	
<i>Type:</i> Licensee	
Central Biomedica, Inc.	328
<i>Subsidiaries:</i> Sera, Inc.	
<i>Mail:</i> Central Biomedica, Inc. Sera, Inc. P. O. Box 15866 Shawnee Mission, KS 66285-5866	
<i>Type:</i> Licensee	
Protatek International, Inc.	329
<i>Mail:</i> Protatek International, Inc. 2635 University Avenue West Suite 140 St. Paul, MN 55114	
<i>Type:</i> Licensee	
Binax, Inc.	330
<i>Mail:</i> Binax, Inc. 217 Read Street Portland, ME 04103	
<i>Type:</i> Licensee	
VMRD, Inc.	332
<i>Mail:</i> VMRD, Inc. P.O. Box 502 Pullman, WA 99163	
<i>Type:</i> Licensee	
Jerry Zinn	335
<i>Mail:</i> Jerry Zinn 4316 Carter Pack Rd. Buhl, ID 83316	
<i>Type:</i> Permittee	

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
Veterinary Diagnostic Technology, Inc.	336
<i>Mail:</i> Veterinary Diagnostic Technology, Inc. 4890 Van Gordon St. Suite 101 Wheat Ridge, CO 80033	
<i>Type:</i> Licensee	
Arko Laboratories Ltd.	337
<i>Subsidiaries:</i> Biovet Inc.	
<i>Mail:</i> Arko Laboratories Ltd. P.O. Box 400 1336 Main Jewell, IA 50130	
<i>Type:</i> Licensee	
AGEN, Inc.	338
<i>Mail:</i> AGEN, Inc. 9075 Guilford Road Columbia, MD 21046	
<i>Type:</i> Permittee	
AGEN, Inc.	338A
<i>Mail:</i> AGEN, Inc. 9075 Guilford Rd Columbia, MD 21046	
<i>Type:</i> Permittee	
Delmont Laboratories, Inc.	339
<i>Mail:</i> Delmont Laboratories, Inc. P.O. Box 269 Swarthmore, PA 19081	
<i>Type:</i> Licensee	
Fonterra (USA) Inc.	341
<i>Mail:</i> Fonterra (USA) Inc. 100 Corporate Center Drive Suite 101 Camp Hill, PA 17011-1758	
<i>Type:</i> Permittee	

NUMERICAL LISTING OF ESTABLISHMENTS

**LICENSE
NUMBER**

Brinton Laboratories Inc.

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

Type: Licensee

343

Charles River Laboratories, Inc.

Mail: Charles River Laboratories, Inc.
251 Ballardvale Street
Wilmington, MA 01887

Type: Licensee

344

Charles River Laboratories, Inc.

Mail: Charles River Laboratories, Inc.
251 Ballardvale Street
Wilmington, MA 1887

Type: Permittee

344A

Immvac, Inc.

Mail: Immvac, Inc.
6080 Bass Lane
Columbia, MO 65201

Type: Licensee

345

Research Biogenics Inc.

Mail: Research Biogenics Inc.
P.O. Box 764
100 South Pecan Street
Bastrop, TX 78602

Type: Licensee

346

American Veterinary Reference Laboratory

Mail: American Veterinary Reference Laboratory
Rt 1 Box 229C
Molitor Road
Aurora, IL 60504

Type: Licensee

347

Addison Biological Laboratory, Inc.

Mail: Addison Biological Laboratory, Inc.
Route 3 Box 90-B
Fayette, MO 65248

Type: Licensee

355

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

PHL Associates, Inc. DBA

Divisions: Dairy Health Laboratories
Poultry Health Laboratories
Swine Health Laboratories

Mail: Poultry Health Laboratories
24711 County Road 100A
Davis, CA 95616

Type: Licensee

357

Nelco Laboratories Inc.

Mail: Nelco Laboratories Inc.
154 Brook Ave.
Deer Park, NY 11729

Type: Licensee

359

Plasvacc USA, Inc.

Mail: Plasvacc USA, Inc.
1535 Templeton Road
Templeton, CA 93465

Type: Licensee

360

International Immunology Corp.

Mail: International Immunology Corp.
25549 Adams Ave.
Murrieta, CA 92362

Type: Licensee

361

Cuprem, Inc.

Subsidiaries: Colostrum Technologies, Inc.

Mail: Cuprem, Inc.
P O Box 147
Kenesaw, NE 68956-0147

Type: Licensee

363

Walco International Inc.

Divisions: CAVL

Mail: CAVL
9602 Fm 1541
Amarillo, TX 79118-6000

Type: Licensee

364

NUMERICAL LISTING OF ESTABLISHMENTS

**LICENSE
NUMBER**

Willmar Poultry Co.

Mail: Epitopix, LLC
3735 County Road 5 SW West Highway 12
Box 753
Willmar, MN 56201

Type: Licensee

365

Quad Five

Mail: Quad Five
Box 69
Ryegate, MT 59074

Type: Licensee

366

Biomune Co.

Mail: Biomune Co.
8906 Rosehill Road
Lenexa, KS 66215

Type: Licensee

368

Procor Technologies

Mail: Procor Technologies
4001 Lexington Avenue North
Arden Hills, MN 55126

Type: Licensee

370

SA Scientific, Inc

Mail: SA Scientific, Inc
4919 Golden Quail
San Antonio, TX 78240

Type: Licensee

373

Vetech Labs Of Buffalo, Inc.

Mail: Vetech Laboratories Of Buffalo
100 Sonwil Drive
Buffalo, NY 14225

Type: Permittee

374

Immuno-Dynamics, Inc.

Mail: Immuno-Dynamics, Inc.
1800 Dodge Street
Fennimore, WI 53809

Type: Licensee

379

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
Carrington Laboratories, Inc.	384
<i>Mail:</i> Carrington Laboratories, Inc. 2001 Walnut Hill Lane Irving, TX 75038	
<i>Type:</i> Licensee	
Eudaemonic Corporation	385
<i>Mail:</i> Eudaemonic Corporation 7031 North 16th Street Omaha, NE 68112	
<i>Type:</i> Licensee	
Diagxotics, Inc.	386
<i>Mail:</i> Diagxotics, Inc. 27 Cannon Road Wilton, CT 06897	
<i>Type:</i> Licensee	
Texas Agricultural Experiment Station	393
<i>Mail:</i> Texas Agricultural Experiment Station Texas A&M University System P.O. Box 918 Sonora, TX 76950	
<i>Type:</i> Licensee	
Imu-Tek Animal Health Inc.	395
<i>Mail:</i> Imu-Tek Animal Health Inc. 3541 East Vine Drive Fort Collins, CO 80524	
<i>Type:</i> Licensee	
La Belle Associates, Inc.	396
<i>Mail:</i> La Belle Associates, Inc. 4040 Bakerview Spur Bellingham, WA 98226	
<i>Type:</i> Licensee	
Strategic Diagnostics, Inc.	398
<i>Divisions:</i> Strategic Biosolutions	
<i>Mail:</i> Strategic Biosolutions 52 Anderson Road Windham, ME 4062	
<i>Type:</i> Licensee	

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
Spectrum Labs, Inc	403
<i>Mail:</i> Spectrum Labs, Inc 2143 East 5th Street Tempe, AZ 85281	
<i>Type:</i> Licensee	
Natur's Way Company	404
<i>Mail:</i> Natur's Way Company P.O. Box 72 Oakland, NE 68045	
<i>Type:</i> Licensee	
Natur's Way Company	404A
<i>Mail:</i> Natur's Way Company P. O. Box 72 Oakland, NE 68045	
<i>Type:</i> Licensee	
Glatt Air Techniques, Inc.	406
<i>Mail:</i> Glatt Air Techniques, Inc. 20 Spear Road Ramsey, NJ 7446	
<i>Type:</i> Licensee	
Hygieia Biological Laboratories	407
<i>Mail:</i> Hygieia Biological Laboratories P.O. Box 8300 Woodland, CA 95695	
<i>Type:</i> Licensee	
Oregon Freeze Dry	409
<i>Mail:</i> Oregon Freeze Dry P.O. Box 1048 Albany, OR 97321	
<i>Type:</i> Licensee	
Bioqual, Inc.	411
<i>Mail:</i> Bioqual, Inc. 9600 Medical Center Drive Rockville, MD 20850	
<i>Type:</i> Licensee	
Embrex, Inc	412
<i>Mail:</i> Embrex Poultry Health, LLC P.O. Box 13989 Durham, NC 27709-3989	
<i>Type:</i> Licensee	

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
Kestrel, Inc.	415
<i>Mail:</i> Kestrel, Inc. 3350 Ashworth Road Waukee, IA 50263	
<i>Type:</i> Licensee	
LMD Agro-Vet LLC	430
<i>Divisions:</i> Safepath Laboratories	
<i>Mail:</i> Safepath Laboratories 5909 Sea Lion Place, Suite D Carlsbad, CA 92010	
<i>Type:</i> Licensee	
Quidel Corporation	445
<i>Mail:</i> Quidel Corporation 10165 McKellar Court San Diego, CA 92121	
<i>Type:</i> Licensee	
Affinitech, LTD	450
<i>Mail:</i> Affinitech, LTD 2308 SE 28th Street, Suite 2 Bentonville, AR 72712	
<i>Type:</i> Licensee	
Newport Laboratories, Inc.	455
<i>Subsidiaries:</i> Briton Laboratories, Inc.	
<i>Mail:</i> Newport Laboratories, Inc. P.O. Box 938 Worthington, MN 56187-0938	
<i>Type:</i> Licensee	
Abbott Laboratories	460
<i>Mail:</i> Abbott Laboratories 14th and Sheridan Road Dept 48Z, Building A1 North Chicago, IL 60064-4000	
<i>Type:</i> Licensee	

NUMERICAL LISTING OF ESTABLISHMENTS

**LICENSE
NUMBER**

Abbott Laboratories

460A

Mail: Abbott Laboratories (Vedalab)
200 Abbott Park Road
Bldg. AP34, Dept. 49D
Abbott Park, IL 60064

Type: Permittee

Abbott Laboratories

460B

Mail: Abbott Laboratories (Enfer)
100 Abbott Park Road
Department 3 MQC, Building AP6B-2
Abbott Park, IL 60064

Type: Permittee

Neotech, LLC

472

Mail: Neotech, LLC
10061 Highway 22
Dresden, TN 38225

Type: Licensee

Hennessy Research Associates, LLC

597

Subsidiaries: Genova Biologics, LLC

Mail: Hennessy Research Associates, LLC
12700 Johnson Drive
Shawnee, KS 66216

Type: Licensee

T-Cyte Therapeutics, Inc.

598

Mail: T-Cyte Therapeutics, Inc.
41718 Eastman Drive
Murrieta, CA 92562

Type: Licensee

SolidTech Animal Health, Inc.

604

Mail: SolidTech Animal Health, Inc.
812 NE 24th Street
Newcastle, OK 73065-6359

Type: Licensee

Viridus Animal Health, LLC

605

Mail: Viridus Animal Health, LLC
520 W. Industrial Lake Drive
Lincoln, NE 68528

Type: Licensee

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
<p>Immune Modulators, LLC</p> <p><i>Mail:</i> Immune Modulators, LLC 85 Hunter Rd. Cataula, GA 31804</p> <p><i>Type:</i> Licensee</p>	606
<p>Medical Packaging Corporation</p> <p><i>Mail:</i> Medical Packaging Corporation 941 Avenida Acaso Camarillo, CA 93012-8700</p> <p><i>Type:</i> Licensee</p>	607
<p>Diagnostic Chemicals Limited (USA)</p> <p><i>Mail:</i> Diagnostic Chemicals Limited (USA) 160 Christian St Oxford, CT 06478</p> <p><i>Type:</i> Permittee</p>	610
<p>Land O' Lakes</p> <p><i>Mail:</i> Land O' Lakes Animal Milk Products Company 1080 County Road F West Shoreview, MN 55126</p> <p><i>Type:</i> Permittee</p>	612A
<p>Mg Biologics, Inc.</p> <p><i>Mail:</i> Mg Biologics, Inc. 2366 270th Street Ames, IA 50014</p> <p><i>Type:</i> Licensee</p>	614
<p>United Biomedical, Inc.</p> <p><i>Mail:</i> United Biomedical, Inc. 25 Davids Drive Hauppauge, NY 11788</p> <p><i>Type:</i> Licensee</p>	620
<p>JRH Biosciences, Inc.</p> <p><i>Divisions:</i> By-Prod/The Siris Group</p> <p><i>Mail:</i> By-Prod/The Siris Group 1201 West Lincoln Avenue Caseyville, IL 62232</p> <p><i>Type:</i> Licensee</p>	621

NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
Veterinary Allergy Reference Laboratory	622
<i>Mail:</i> Veterinary Allergy Reference Laboratory P.O. Box 41059 Pasadena, CA 91114	
<i>Type:</i> Licensee	
Bio-Rad Laboratories	624
<i>Mail:</i> Bio-Rad Laboratories Life Sciences Group 2000 Alfred Nobel Drive Hercules, CA 94547	
<i>Type:</i> Permittee	
Pierce Chemical Company	625
<i>Mail:</i> Pierce Biotechnology, Inc. P.O. Box 117 Rockford, IL 61105	
<i>Type:</i> Licensee	
Bio-Medical Services	627
<i>Mail:</i> Bio-Medical Services 3921 Steck Avenue, Suite A-101 Austin, TX 78759	
<i>Type:</i> Licensee	
Prion Developmental Laboratories, Inc.	632
<i>Mail:</i> Prion Developmental Laboratories, Inc. 900 Asbury Drive Buffalo Grove, IL 60089	
<i>Type:</i> Licensee	
Dow Agrosciences, LLC	642
<i>Mail:</i> Dow Agrosciences, LLC 9330 Zionsville Road Indianapolis, IN 46268	
<i>Type:</i> Licensee	
Pet Allergy Laboratory	643
<i>Mail:</i> Pet Allergy Laboratory 13581 Pond Springs Road, Suite 303 Austin, TX 78729	
<i>Type:</i> Licensee	

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE
NUMBER

644

Tetracore, Inc.

Mail: Tetracore, Inc.
9901 Belward Campus Drive, Suite 300
Rockville, MD 20850

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>Actinobacillus Pleuropneumoniae Vaccine</u>						
1A57.00	Live Culture	124					
	<u>Anthrax Spore Vaccine</u>						
1011.00	Live Culture	188					
	<u>Arthrobacter Vaccine</u>						
1K11.00	Live Culture	303A 335					
	<u>Autogenous Vaccine</u>						
1015.00	Killed Virus	279 285 368					
1015.10	Killed Virus	112 196 286 368					
1015.20	Killed Virus	112 124 213 245 301 303 337 455					
1015.50	Killed Virus	245 290 303					
1015.B0	Killed Virus	604					
1015.I0	Killed Virus	604					
	<u>Avian Encephalomyelitis Vaccine</u>						
1051.10	Live Virus	368					
1051.11	Live Virus	112 165A 196 226 279 286					
	<u>Avian Encephalomyelitis-Chicken Anemia Virus-Fowl Pox Vaccine</u>						
10T1.40	Live & Modified Live Virus	286					
	<u>Avian Encephalomyelitis-Fowl Pox Vaccine</u>						
10M1.10	Live Virus	112 165A 196 226 279 286					
10M1.11	Live Virus	286					
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	Fowl Pox Vector, Modified Live Virus	368					

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
		*Conditional License	
<u>Avian Influenza Vaccine</u>			
1057.H0	H10N9 Subtype, Killed Virus	196*	
1057.H1	H1N1 Subtype, Killed Virus	196*	
1057.H2	H2N2 Subtype, Killed Virus	196*	
1057.H3	H3N4 Subtype, Killed Virus	196*	
1057.H4	H4N6 Subtype, Killed Virus	196*	
1057.H5	H5N2 Subtype, Killed Virus	196*	
1057.H6	H6N8 Subtype, Killed Virus	196*	
1057.H7	H7N3 Subtype, Killed Virus	196*	
1057.H9	H9N2 Subtype, Killed Virus	196*	
1057.R3	H5N3 Subtype, Killed Virus	112	
10F5.10	H5N2 Subtype, Killed Virus	112*	
10F5.11	H5N9 Subtype, Killed Virus	112*	
10F5.12	H7N2 Subtype, Killed Virus	112*	
10F5.13	H7N3 Subtype, Killed Virus	112*	
<u>Avian Influenza-Fowl Pox Vaccine</u>			
1061.R0	H5 Subtype, Live Fowl Pox Vector	279	
<u>Avian Paramyxovirus Vaccine</u>			
10C5.10	Type 3, Killed Virus	196	
10C5.11	Type 1, Killed Virus	196	
<u>Avian Pneumovirus Vaccine</u>			
1A31.20	Modified Live Virus	368	
<u>Avian Polyomavirus Vaccine</u>			
1A15.00	Killed Virus	368	
<u>Avian Reovirus Vaccine</u>			
1045.00	Killed Virus	112	286
1045.01	Killed Virus	279	368
1045.02	Killed Virus	196	368
1045.03	Killed Virus	368	
1045.1V	Killed Virus	368	
1045.20	Killed Virus	368	
1045.30	Killed Virus	368	

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
		*Conditional License			
	<u>Bluetongue Vaccine</u>				
1061.00	Modified Live Virus	188			
	<u>Bordetella Avium Vaccine</u>				
1021.01	Avirulent Live Culture	165A	337		
	<u>Bordetella Bronchiseptica Vaccine</u>				
1081.00	Avirulent Live Culture	112	286	301	355
1081.01	Avirulent Live Culture	303			
	<u>Bovine Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u>				
1161.00	Modified Live Virus	213			
1161.20	Modified Live Virus	213			
	<u>Bovine Respiratory Syncytial Virus Vaccine</u>				
1091.20	Modified Live Virus	189	213		
1091.21	Modified Live Virus	189			
1095.20	Killed Virus	124	189	298	
1095.21	Killed Virus	124			
	<u>Bovine Rhinotracheitis Vaccine</u>				
1101.00	Modified Live Virus	112	188	213	
1101.20	Modified Live Virus	124	213	298	303
1101.21	Modified Live Virus	189			
1101.22	Modified Live Virus	189	286		
1101.B0	Modified Live Virus	604			
1105.20	Killed Virus	213			
	<u>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine</u>				
1121.00	Modified Live Virus	188	213		
1121.20	Modified Live Virus	124	213	298	303
1121.21	Modified Live Virus	189			
1121.22	Modified Live Virus	189			
1121.23	Modified Live Virus	189			
1121.24	Modified Live Virus	189			
1121.25	Modified Live Virus	189			
1121.31	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>				
		*Conditional License				
<u>Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u>						
1071.00	Modified Live Virus	213				
1071.20	Modified Live Virus	112	189	213	290	
1071.21	Modified Live Virus	189				
1071.22	Modified Live Virus	189				
<u>Bovine Rhinotracheitis-Respiratory Syncytial Virus Vaccine</u>						
11B1.21	Modified Live Virus	189				
11B5.20	Killed Virus	298				
<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine</u>						
1151.00	Modified Live Virus	188	213			
1151.20	Modified Live Virus	112	124	165A	213	298 303
1151.21	Modified Live Virus	124				
1151.22	Modified Live Virus	189	286			
1151.25	Modified Live Virus	189				
1151.26	Modified Live Virus	189				
1155.20	Killed Virus	213	298	303		
1155.30	Killed Virus	213				
1157.22	Modified Live & Killed Virus	189				
<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine</u>						
1171.00	Modified Live Virus	112	188	213		
1171.20	Modified Live Virus	213	298			
1171.21	Modified Live Virus	165A	189			
1171.22	Modified Live Virus	112	165A	189		
1171.23	Modified Live Virus	189				
1171.25	Modified Live Virus	189				
1171.26	Modified Live Virus	189				
1171.30	Modified Live Virus	124				
1175.20	Killed Virus	124	189	303		
1175.22	Killed Virus	112				
1177.21	Modified Live & Killed Virus	189				
1179.20	Modified Live & Killed Virus	298				

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<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</u>					
1181.00	Modified Live Virus	112			
1181.20	Modified Live Virus	124	165A	213	303
1181.21	Modified Live Virus	124	189		
1181.22	Modified Live Virus	112	189	286	
1181.23	Modified Live Virus	124			
1181.24	Modified Live Virus	124			
1181.25	Modified Live Virus	189			
1181.26	Modified Live Virus	189			
1181.30	Modified Live Virus	213	286		
1185.20	Killed Virus	124	189	298	303
1185.22	Killed Virus	112			
1187.20	Modified Live & Killed Virus	124	213		
1187.21	Modified Live & Killed Virus	112	189	298	
1187.22	Modified Live & Killed Virus	189	298		
1187.23	Modified Live & Killed Virus	189			
1187.25	Modified Live & Killed Virus	189			
1189.00	Modified Live & Killed Virus	213			
1189.20	Modified Live & Killed Virus	189			
1189.21	Modified Live & Killed Virus	298			
1189.22	Modified Live & Killed Virus	189			
1189.30	Modified Live & Killed Virus	213			
<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus-Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u>					
11A8.21	Modified Live Virus, Avirulent Live Culture	286			
11A8.22	Modified Live Virus, Avirulent Live Culture	286			
<u>Bovine Rhinotracheitis-Virus Diarrhea-Respiratory Syncytial Virus Vaccine</u>					
11A1.20	Modified Live Virus	213			
11A1.21	Modified Live Virus	189			
11A1.25	Modified Live Virus	189			
11A1.26	Modified Live Virus	189			
11A1.30	Modified Live Virus	213			
11A5.20	Killed Virus	298			

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
		*Conditional License			
<u>Bovine Rotavirus-Coronavirus Vaccine</u>					
1931.20	Modified Live Virus	189			
1935.20	Killed Virus	303			
<u>Bovine Virus Diarrhea Vaccine</u>					
1201.00	Modified Live Virus	188	213		
1201.20	Modified Live Virus	124	213		
1205.00	Killed Virus	213			
1205.20	Killed Virus	124	213	298	
1205.21	Killed Virus	112	189	303	
1205.22	Killed Virus	112	189		
1205.25	Killed Virus	189			
<u>Bovine Virus Diarrhea-Respiratory Syncytial Virus Vaccine</u>					
12A5.20	Killed Virus	189	303		
<u>Bronchitis Vaccine</u>					
1231.11	Mass Type, Live Virus	112	286		
1231.12	Mass Type, Live Virus	112	196	226	286
1231.13	Mass & Ark Types, Live Virus	112			
1231.14	Mass & Conn Types, Live Virus	112	279		
1231.15	Conn Type, Live Virus	196	286		
1231.17	Mass & Conn Types, Live Virus	286			
1231.18	Mass Type, Live Virus	196	226	286	
1231.1A	Mass Type, Live Virus	286			
1231.1D	Delaware Type, Modified Live Virus	226			
1231.1J	Georgia Type, Live Virus	226	286		
1231.1M	Ark Type, Live Virus	112			
1231.20	Ark Type, Live Virus	196	226	279	286
1231.21	Ark Type, Live Virus	279	286		
1231.A1	Mass Type, Live Virus	226			
1232.10	Mass Type, Live Virus	279			
1232.15	Mass Type, Live Virus	279			
1233.10	Mass Type, Live Virus	279			
1235.10	Mass Type, Killed Virus	196	286	368	
1235.15	Mass & Ark Types, Killed Virus	196			

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
		*Conditional License				
	<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				
	<u>Bursal Disease Vaccine</u>					
1271.00	Live Virus	112	165A	196	279	368
1271.01	Live Virus	279				
1271.02	Live Virus	196				
1271.04	Live Virus	368				
1271.0A	Live Virus	279				
1271.10	Live Virus	112	165A	226	279	
1271.11	Live Virus	196	226			
1271.12	Live Virus	226	279	286		
1271.13	Live Virus	226	279			
1271.15	Modified Live Virus	112				
1271.40	Live Virus	165A	226			
1272.00	Live Virus	196				
1275.00	Killed Virus	112	286			
1275.02	Killed Virus	196				
1275.10	Killed Virus	286				
1275.20	Killed Virus	286				
1275.50	Killed Virus	368				
12A5.00	Variant, Killed Virus	286				
12B1.00	Standard & Variant, Live Virus	279	286			
12B1.01	Standard & Variant, Killed Virus	279				
12B5.01	Standard & Variant, Killed Virus	196				
12B5.40	Standard & Variant, Killed Virus	279	286	368		
12B5.41	Standard & Variant, Killed Virus	286	368			
12B5.4A	Standard & Variant, Killed Virus	196				
12L1.00	Variant, Live Virus	286				
12L5.00	Variant, Live Virus	226				

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
		*Conditional License	
<u>Bursal Disease-Marek's Disease Vaccine</u>			
1282.50	Variant, Serotype 3, Live Virus	286	
1288.42	Serotype 3, Live Virus	279	
1288.43	Serotypes 2 & 3, Live Virus	279	
1288.44	Serotypes 2 & 3, Live Virus	279	
1288.45	Serotypes 2 & 3, Live Virus	279	
1288.4A	Serotype 3, Live Virus	279	
12C2.50	Variant, Serotypes 2 & 3, Live Virus	286	
12C2.51	Variant, Serotypes 2 & 3, Live Virus	286	
12C2.52	Variant Strain, Serotypes 2 & 3, Live Virus	286	
12C2.53	Variant, Serotypes 2 & 3, Live Virus	286	
12C8.40	Standard & Variant, Serotype 3, Live Virus	279	
12C8.41	Standard & Variant, Serotypes 2 & 3, Live Virus	279	
12C8.42	Standard & Variant, Serotypes 2 & 3, Live Virus	279	
12C8.43	Standard & Variant, Serotype 3, Live Virus	279	
12C8.44	Standard & Variant, Serotypes 2 & 3, Live Virus	279	
1A82.00	Serotype 3, Live Virus	286	
1A82.50	Serotype 3, Live Virus	112	
1A88.4L	Serotype 3, Live Virus	286	
1A88.R0	Serotype 3, Live Marek's Disease Vector	279	
1A88.R2	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	279	
1B82.50	Serotypes 2 & 3, Live Virus	112	
<u>Bursal Disease-Newcastle Disease Vaccine</u>			
12G5.10	Killed Virus	112	286
12G5.11	Killed Virus	286	
12G5.40	Killed Virus	286	
12G5.41	Standard & Variant, Killed Virus	286	368
12G5.42	Standard & Variant, Killed Virus	286	368
12G5.43	Killed Virus	196	368

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
		*Conditional License		
<u>Bursal Disease-Newcastle Disease-Bronchitis Vaccine</u>				
12D5.45	Standard & Variant, Mass & Ark Types, Killed Virus	196	279	
12H1.4M	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	279		
12H1.67	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	279		
12J5.40	Mass Type, Killed Virus	112	286	
12J5.41	Mass Type, Killed Virus	112		
12J5.43	Mass Type, Killed Virus	196		
12J5.60	Standard & Variant, Mass Type, Killed Virus	286	368	
12J5.61	Standard & Variant, Mass Type, Killed Virus	286	368	
12J5.62	Mass Type, Killed Virus	368		
<u>Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine</u>				
12M5.00	Standard & Variant, Mass Type, Killed Virus	196	286	368
12M5.01	Standard & Variant, Mass Type, Killed Virus	196	286	368
12M5.10	Killed Virus	286		
12M5.11	Mass Type, Killed Virus	286		
12M5.40	Killed Virus	112		
12M5.41	Standard & Variant, Mass & Ark Types, Killed Virus	196	279	
12M5.42	Standard & Variant, Mass & Ark Types, Killed Virus	196		
12M5.43	Mass Type, Killed Virus	196		
12M5.50	Mass Type, Killed Virus	368		
12M5.90	Mass Type, Killed Virus	112	196	
12M5.91	Mass Type, Killed Virus	112		
12M5.E0	Standard & Variant, Mass Type, Killed Virus	368		
<u>Bursal Disease-Newcastle Disease-Reovirus Vaccine</u>				
12P5.40	Standard & Variant, Killed Virus	279	286	368
12P5.41	Standard & Variant, Killed Virus	286	368	
12P5.42	Killed Virus	368		
12P5.90	Killed Virus	112		
12P5.E0	Standard & Variant, Killed Virus	368		

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
		*Conditional License			
<u>Bursal Disease-Reovirus Vaccine</u>					
12D5.00	Standard & Variant, Killed Virus	286	368		
12D5.01	Standard & Variant, Killed Virus	279	368		
12D5.02	Killed Virus	368			
12D5.03	Standard & Variant, Killed Virus	196			
12D5.04	Standard & Variant, Killed Virus	196			
12D5.30	Standard & Variant, Killed Virus	286			
12D5.43	Standard, Killed Virus	112			
12D5.E0	Standard & Variant, Killed Virus	368			
12D5.F0	Standard & Variant, Killed Virus	286			
12D5.F1	Standard & Variant, Killed Virus	286			
12D5.T0	Standard & Variant, Killed Virus	112			
<u>Canary Pox Vaccine</u>					
1623.10	Modified Live Virus	368			
<u>Canine Adenovirus Type 2-Parainfluenza-Bordetella Bronchiseptica Vaccine</u>					
12X1.20	Modified Live Virus & Avirulent Live Culture	112	165A	286	
<u>Canine Adenovirus Type 2-Parvovirus Vaccine</u>					
12T7.20	Modified Live & Killed Virus	189			
<u>Canine Coronavirus Vaccine</u>					
14P1.20	Modified Live Virus	298			
14P5.20	Killed Virus	112	165A	189	286 292
14P5.21	Killed Virus	286			
<u>Canine Coronavirus-Parainfluenza-Parvovirus Vaccine</u>					
14R9.27	Modified Live & Killed Virus	112			
<u>Canine Coronavirus-Parvovirus Vaccine</u>					
14R1.20	Modified Live Virus	298			
14R7.20	Modified Live & Killed Virus	189			
14R7.21	Modified Live & Killed Virus	189			
14R7.22	Modified Live & Killed Virus	286			
14R7.25	Modified Live & Killed Virus	112			
14R7.27	Modified Live & Killed Virus	112			
14R7.29	Modified Live & Killed Virus	112			

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
<u>Canine Distemper Vaccine</u>		
1301.20	Modified Live Virus	112 165A
<u>Canine Distemper-Adenovirus Type 2 Vaccine</u>		
13A1.20	Modified Live Virus	189 286
13A1.27	Modified Live Virus	112
<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine</u>		
1591.R1	Modified Live Virus, Live Canarypox Vector	298
1599.20	Modified Live & Killed Virus	165A 189 286
1599.21	Modified Live & Killed Virus	112 189
1599.22	Modified Live & Killed Virus	112
1599.25	Modified Live & Killed Virus	112
1599.27	Modified Live & Killed Virus	112
1599.29	Modified Live & Killed Virus	112
<u>Canine Distemper-Adenovirus Type 2-Hepatitis-Parainfluenza-Parvovirus Vaccine</u>		
1377.20	Modified Live & Killed Virus	189
<u>Canine Distemper-Adenovirus Type 2-Measles-Parainfluenza Vaccine</u>		
1341.20	Modified Live Virus	189
<u>Canine Distemper-Adenovirus Type 2-Parainfluenza Vaccine</u>		
13C1.20	Modified Live Virus	189
13C1.40	Modified Live & Killed Virus	189
<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine</u>		
13D1.20	Modified Live Virus	165A 286
13D1.21	Modified Live Virus	112 189
13D1.22	Modified Live Virus	112 189 286
13D1.25	Modified Live Virus	112
13D1.27	Modified Live Virus	112
13D1.28	Modified Live Virus	112
13D1.29	Modified Live Virus	112
13D1.31	Modified Live Virus	112
13D1.R1	Modified Live Virus, Canarypox Vector	298
13D1.T0	Modified Live Virus	112
13D9.20	Modified Live & Killed Virus	189

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
		*Conditional License	
<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus-Rabies Vaccine</u>			
13G9.20	Modified Live & Killed Virus	286	
<u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine</u>			
1331.20	Modified Live Virus	112	286
1331.22	Modified Live Virus	112	
1331.23	Modified Live Virus	189	
1331.25	Modified Live Virus	112	
1331.27	Modified Live Virus	112	
1331.30	Modified Live Virus	286	
1331.R1	Modified Live Virus, Canarypox Vector	298	
<u>Canine Distemper-Adenovirus Type 2-Parvovirus-Rabies Vaccine</u>			
13H9.20	Modified Live & Killed Virus	286	
<u>Canine Distemper-Coronavirus-Parvovirus Vaccine</u>			
14D7.20	Modified Live & Killed Virus	286	
14D9.27	Modified Live & Killed Virus	112	
<u>Canine Distemper-Hepatitis-Parainfluenza Vaccine</u>			
1381.21	Modified Live Virus	124	189
<u>Canine Distemper-Measles Vaccine</u>			
1351.20	Modified Live Virus	189	
<u>Canine Distemper-Parvovirus Vaccine</u>			
13P1.20	Modified Live Virus	286	
13P1.27	Modified Live Virus	112	
<u>Canine Parainfluenza Vaccine</u>			
1421.20	Modified Live Virus	189	
1421.21	Modified Live Virus	112	
<u>Canine Parainfluenza-Bordetella Bronchiseptica Vaccine</u>			
14M1.20	Modified Live Virus, Avirulent Live Culture	124	165A 286
<u>Canine Parainfluenza-Parvovirus Vaccine</u>			
1441.27	Modified Live Virus	112	

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
			*Conditional License
	<u>Chicken Anemia Virus Vaccine</u>		
10A1.00	Live Virus	368	
10A1.01	Live Virus	368	
10A1.10	Modified Live Virus	286	
	<u>Chlamydia Psittaci Vaccine</u>		
1581.20	Modified Live Chlamydia	286	
1585.20	Killed Chlamydia	112	
	<u>Coccidiosis Vaccine</u>		
1431.50	Live Oocysts	226	374
1431.51	Live Oocysts	226	
1431.55	Live Oocysts, Chicken Isolates	226	412
1431.56	Live Oocysts	374	
1431.58	Live Oocysts	605	
1431.59	Live Oocysts	605	
	<u>Distemper Vaccine</u>		
1471.10	Modified Live Virus	245	
1471.R0	Live Canarypox Vector	298	
	<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	286	
	<u>Encephalomyelitis Vaccine</u>		
1475.00	Eastern & Western, Killed Virus	188	286
1475.02	Eastern & Western, Killed Virus	112	
1475.22	Eastern & Western, Killed Virus	112	
1485.22	Eastern & Venezuelan, Killed Virus	107	
1485.23	Eastern & Western & Venezuelan, Killed Virus	107	112

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
		*Conditional License		
<u>Encephalomyelitis-West Nile Virus Vaccine</u>				
14W5.22	Eastern & Western, Killed Virus	112		
14W5.23	Eastern & Western & Venezuelan, Killed Virus	112		
<u>Equine Arteritis Vaccine</u>				
1531.20	Modified Live Virus	112		
<u>Equine Influenza Vaccine</u>				
1501.10	Modified Live Virus	213		
1501.20	Modified Live Virus	213	286	
1501.R0	Live Canarypox Vector	298		
1505.10	Killed Virus	329		
1505.20	Killed Virus	107	124	189
1505.21	Killed Virus	124		
1505.22	Killed Virus	112	286	
1505.24	Killed Virus	112		
1505.25	Killed Virus	112		
<u>Equine Rhinopneumonitis Vaccine</u>				
1521.20	Modified Live Virus	189		
1525.20	Killed Virus	124	286	
1525.21	Killed Virus	112	286	
1525.22	Killed Virus	286		
1525.23	Killed Virus	112		
1525.24	Killed Virus	112		
<u>Equine Rhinopneumonitis-Influenza Vaccine</u>				
1515.20	Killed Virus	124		
1515.22	Killed Virus	286		
1515.23	Killed Virus	286		
1515.24	Killed Virus	112	286	
1515.26	Killed Virus	112		
1515.27	Killed Virus	112		
1518.20	Modified Live & Killed Virus	189		
<u>Equine Rotavirus Vaccine</u>				
1E15.20	Killed Virus	112*		

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
<u>Erysipelothrix Rhusiopathiae Vaccine</u>		
1541.00	Avirulent Live Culture	124 303 337
1541.01	Avirulent Live Culture	112 337
1541.02	Avirulent Live Culture	337
1541.03	Avirulent Live Culture	337
1541.04	Avirulent Live Culture	337
<u>Escherichia Coli Vaccine</u>		
1551.01	Avirulent Live Culture, Avian Isolate	165A
1551.02	Avirulent Live Culture	337
1551.R0	Live Culture	112
15R1.00	Avirulent Live Culture	337
<u>Feline Calicivirus Vaccine</u>		
15C1.22	Modified Live Virus	213
15C5.21	Killed Virus	112
<u>Feline Immunodeficiency Virus Vaccine</u>		
15A5.21	Killed Virus	112
15A5.23	Killed Virus	112
<u>Feline Immunodeficiency-Leukemia Virus Vaccine</u>		
15D5.R0	Killed Virus	112
<u>Feline Infectious Peritonitis Vaccine</u>		
15A1.20	Modified Live Virus	189
<u>Feline Leukemia Vaccine</u>		
1555.20	Killed Virus	165A
1555.21	Killed Virus	189
1555.R1	Killed Virus	112
1555.R3	Live Canarypox Vector	298
<u>Feline Leukemia-Chlamydia Psittaci Vaccine</u>		
1A69.20	Killed Virus, Killed Chlamydia	112
<u>Feline Leukemia-Rabies Vaccine</u>		
15R5.20	Killed Virus	112

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia Vaccine</u>	
15B5.20	Killed Virus	112
15B9.20	Modified Live & Killed Virus	165A
15B9.21	Modified Live & Killed Virus	112
	<u>Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine</u>	
1559.20	Killed Virus, Killed Chlamydia	112
1559.23	Killed Virus, Killed Chlamydia	112
1559.2B	Modified Live & Killed Virus, Modified Live Chlamydia	165A
1559.2C	Modified Live & Killed Virus, Killed Chlamydia	112
	<u>Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine</u>	
16A9.20	Modified Live & Killed Virus, Modified Live Chlamydia	112
	<u>Feline Panleukopenia Vaccine</u>	
1561.00	Modified Live Virus	286
1561.20	Modified Live Virus	189 286
1561.21	Modified Live Virus	124
1561.22	Modified Live Virus	189
1561.23	Modified Live Virus	213
1565.20	Killed Virus	107 165A
1565.22	Killed Virus	189
	<u>Feline Panleukopenia-Rabies Vaccine</u>	
1575.20	Killed Virus	107
	<u>Feline Rhinotracheitis Vaccine</u>	
16A1.22	Modified Live Virus	213
	<u>Feline Rhinotracheitis-Calici-Chlamydia Psittaci Vaccine</u>	
16F1.20	Modified Live Virus, Modified Live Chlamydia	189
16F1.21	Modified Live Virus, Modified Live Chlamydia	189 298

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
		*Conditional License			
<u>Feline Rhinotracheitis-Calici-Panleukopenia Vaccine</u>					
16D1.20	Modified Live Virus	112	165A	189	286
16D1.22	Modified Live Virus	112	213	286	
16D1.23	Modified Live Virus	286			
16D5.20	Killed Virus	112			
16D5.23	Killed Virus	112			
16D8.20	Modified Live Virus	124			
16D8.21	Modified Live Virus	189	298		
16D9.20	Modified Live & Killed Virus	107	165A		
16D9.21	Modified Live & Killed Virus	189			
<u>Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine</u>					
16E1.20	Modified Live Virus, Modified Live Chlamydia	112	165A	189	286
16E5.20	Killed Virus, Killed Chlamydia	112			
16E5.23	Killed Virus, Killed Chlamydia	112			
16E6.20	Modified Live Virus, Killed Chlamydia	112			
16E8.20	Modified Live Virus, Modified Live Chlamydia	189	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, Modified Live Chlamydia, Live Canarypox Vector	298			
<u>Feline Rhinotracheitis-Calici-Panleukopenia-Rabies Vaccine</u>					
16T9.20	Modified Live & Killed Virus	107	286	298	
16T9.R0	Modified Live Virus, Canarypox Vector	298			
<u>Feline Rhinotracheitis-Calicivirus Vaccine</u>					
16C1.20	Modified Live Virus	107	124	165A	189 286 298
16C1.21	Modified Live Virus	189			
16C1.22	Modified Live Virus	112	189	213	
<u>Flavobacterium Columnare Vaccine</u>					
17F1.00	Avirulent Live Culture	286			

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
<u>Fowl Laryngotracheitis Vaccine</u>		
1601.01	Modified Live Virus	165A 226
1601.11	Modified Live Virus	112 165A 196 279 286
1601.12	Live Virus	165A 226
1601.13	Modified Live Virus	226 286
1601.14	Modified Live Virus	226
<u>Fowl Pox Vaccine</u>		
1621.00	Live Virus	112 165A 196 286 368
1621.10	Live Virus	165A 196 226 279 286
1621.11	Live Virus	112
1622.00	Live Virus	279
<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	279
<u>Fowl Pox-Mycoplasma Gallisepticum Vaccine</u>		
1D51.R0	Live Fowl Pox Vector	368
<u>Fox Encephalitis Vaccine</u>		
1635.20	Killed Virus	245
<u>Giardia Lambliia Vaccine</u>		
18G5.00	Killed Protozoa	112
18G5.01	Killed Protozoa	112
<u>Hemorrhagic Enteritis Vaccine</u>		
17E1.20	Live Virus	165A 286 337 343 368
17E1.21	Live Virus	286 365
<u>Lawsonia Intracellularis Vaccine</u>		
10L1.00	Live Culture	124
10L1.01	Avirulent Live Culture	124
10L1.02	Avirulent Live Culture	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
		*Conditional License			
<u>Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u>					
1861.00	Avirulent Live Culture	286			
1861.01	Avirulent Live Culture	286			
<u>Marek's Disease Vaccine</u>					
1631.00	Serotype 2, Live Virus	279	286		
1631.02	Serotype 2, Live Virus	279			
1631.05	Serotype 2, Live Virus	286			
1636.00	Serotype 1, Live Virus	286			
1641.00	Serotype 3, Live Virus	112	196	279	286
1641.01	Serotype 3, Live Virus	112	196	279	
1641.02	Serotype 3, Live Virus	196	279		
1641.03	Serotype 3, Live Virus	279	286		
1641.06	Serotype 3, Live Virus	286			
1651.00	Serotypes 2 & 3, Live Virus	279	286		
1651.01	Serotypes 2 & 3, Live Virus	196	279	286	
1651.02	Serotypes 2 & 3, Live Virus	196	279	286	
1651.03	Serotypes 2 & 3, Live Virus	196			
1651.04	Serotypes 2 & 3, Live Virus	286			
1651.05	Serotypes 2 & 3, Live Virus	286			
16G1.00	Serotypes 2 & 3, Live Virus	112			
16G1.02	Serotypes 1 & 3, Live Virus	112			
16L1.00	Serotype 1, Live Virus	196	279	286	
16L1.01	Serotype 1 & 2 & 3, Live Virus	286			
16L1.02	Serotypes 1 & 3, Live Virus	196	279	286	
16L1.08	Serotypes 1 & 3, Live Virus	286			
16L1.09	Serotype 1, Live Virus	286			
<u>Marek's Disease-Tenosynovitis Vaccine</u>					
16T1.00	Serotypes 2 & 3, Modified Live Virus	279			
16T1.01	Serotypes 2 & 3, Live Virus	286			
16T1.02	Serotypes 2 & 3, Live Virus	286			
16T1.03	Serotypes 2 & 3, Live Virus	286			

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Mink Distemper Vaccine</u>	
1451.00	Modified Live Virus	245
1451.01	Modified Live Virus	245
1451.02	Modified Live Virus	245
1451.20	Modified Live Virus	165A
	<u>Mink Distemper-Enteritis Vaccine</u>	
1679.30	Modified Live & Killed Virus	245
1679.31	Modified Live & Killed Virus	245
1679.32	Modified Live & Killed Virus	245
	<u>Mink Enteritis Vaccine</u>	
1685.20	Killed Virus	245
1685.21	Killed Virus	245
1685.22	Killed Virus	245
	<u>Mycoplasma Gallisepticum Vaccine</u>	
1751.00	Live Culture	165A 196 279 286
	<u>Neospora Caninum Vaccine</u>	
1N11.00	Killed Protozoa	286

*Conditional License

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
		*Conditional License					
<u>Newcastle Disease Vaccine</u>							
1701.10	VG/GA Strain, Live Virus	279					
1705.10	Killed Virus	112	286	368			
1705.11	Killed Virus	112	196				
1705.13	Killed Virus	112					
1705.15	Killed Virus	196					
1705.P0	Subunit	642					
1711.10	B1 Type, B1 Strain, Live Virus	112	165A	196	226	279	286
1711.11	B1 Type, B1 Strain, Live Virus	279					
1711.18	B1 Type, B1 Strain, Live Virus	112					
1721.0A	B1 Type, LaSota Strain, Live Virus	196					
1721.10	B1 Type, LaSota Strain, Live Virus	112	196	226	279	286	368
1721.11	B1 Type, LaSota Strain, Live Virus	226	279	286			
17A2.10	B1 Type, B1 Strain, Live Virus	279					
17A2.V1	VG/GA Strain, Live Virus	279					
17B1.10	B1 Type, C2 Strain, Live Virus	286					
<u>Newcastle Disease-Fowl Pox Vaccine</u>							
17C1.R0	Live Fowl Pox Vector	279	368				

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
<u>Newcastle-Bronchitis Vaccine</u>		
1761.11	B1 Type, B1 Strain, Mass Type, Live Virus	112 165A 279
1761.12	B1 Type, B1 Strain, Mass Type, Live Virus	196 226 279
1761.13	B1 Type, B1 Strain, Conn Type, Live Virus	165A 279
1761.14	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	112 226 279
1761.15	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	279
1761.17	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	165A 196 226
1761.18	B1 Type, B1 Strain, Mass Type, Live Virus	112 286
1761.19	B1 Type, B1 Strain, Mass Type, Live Virus	226
1761.1A	B1 Type, B1 Strain, Conn Type, Live Virus	286
1761.1X	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	279
1762.11	B1 Type, B1 Strain, Mass Type, Live Virus	279
1762.13	B1 Type, B1 Strain, Conn Type, Live Virus	279
1762.1H	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	279
1771.11	B1 Type, LaSota Strain, Mass Type, Live Virus	112 196 279 286
1771.12	B1 Type, LaSota Strain, Mass Type, Live Virus	112 165A 279
1771.14	B1 Type, LaSota Strain, Mass & Conn Types, Live Virus	226 279
1771.17	B1 Type, LaSota Strain, Mass & Conn Types, Live Virus	165A 279
1771.18	B1 Type, LaSota Strain, Mass Type, Live Virus	196 226 279 286
1771.19	B1 Type, LaSota Strain, Mass Type, Live Virus	226
1775.10	Mass Type, Killed Virus	112 286 368
1776.10	Mass Type, Killed Virus	112
1785.10	Mass & Ark Types, Killed Virus	196
1785.11	Mass Type, Killed Virus	196
1785.12	Mass & Ark Types, Killed Virus	279
1791.14	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	286
1791.15	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	286
1791.19	B1 Type, B1 Strain, Mass Type, Live Virus	286
1791.1X	B1 Type, B1 Strain, Mass Type, Live Virus	286
17A1.1M	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	112 165A 226 279 286
17A2.1M	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	226 279
17B1.17	B1 Type, LaSota Strain, Mass & Conn Types	286
17V1.10	VG/GA Strain, Mass & Conn Types, Live Virus	279
17V1.11	VG/GA Strain, Mass & Conn Types, Live Virus	279

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
		*Conditional License				
<u>Newcastle-Bronchitis Vaccine</u>						
1XB1.10	B1 Type, C2 Strain, Mass Type, Live Virus	286				
1XC1.10	B1 Type, C2 Strain, Mass & Conn Types, Live Virus	286				
<u>Newcastle-Paramyxovirus Vaccine</u>						
17P5.10	Type 3, Killed Virus	196				
<u>Ovine Ecthyma Vaccine</u>						
1821.00	Live Virus	188				
1821.50	Live Virus	393				
<u>Pacheco's Disease Vaccine</u>						
18C5.00	Killed Virus	368				
<u>Parainfluenza 3 Vaccine</u>						
1841.00	Modified Live Virus	188				
1841.20	Modified Live Virus	213				
<u>Parvovirus Vaccine</u>						
18M1.20	Modified Live Virus	124	165A	286	292	472
18M1.21	Modified Live Virus	112	286			
18M1.22	Modified Live Virus	112	189	286	298	
18M1.23	Modified Live Virus	112	189			
18M1.24	Modified Live Virus	189				
18M1.25	Modified Live Virus	112	189			
18M1.29	Modified Live Virus	112				
18M5.22	Killed Virus	189				
18P5.20	Killed Virus	124	189	286	303	
18P5.21	Killed Virus	112				
<u>Pasteurella Multocida Vaccine</u>						
1871.01	Avirulent Live Culture, Avian Isolate	165A	286	368		
1871.02	Avirulent Live Culture, Avian Isolate	165A	196	286	337	368
1871.03	Avirulent Live Culture, Avian Isolate	165A	337	368		
1871.04	Avirulent Live Culture, Avian Isolate	165A	286			

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
<u>Pigeon Pox Vaccine</u>		
1881.10	Live Virus	165A 196 226 279 286
1881.12	Live Virus	196
<u>Porcine Circovirus Vaccine</u>		
19K5.R0	Type 2, Killed Baculovirus Vector	124 286*
19K5.R1	Type 1 - Type 2 Chimera, Killed Virus	112
<u>Porcine Reproductive & Respiratory Syndrome Vaccine</u>		
19Q1.20	Reproductive Form, Modified Live Virus	165A
19S1.20	Respiratory Form, Modified Live Virus	124
19S1.21	Reproductive Form, Modified Live Virus	124
19S5.20	Reproductive Form, Killed Virus	286
19T1.20	Reproductive & Respiratory Form, Modified Live Virus	124 165A
19T1.21	Reproductive & Respiratory Form, Modified Live Virus	124
<u>Porcine Rotavirus Vaccine</u>		
19E1.20	Modified Live Virus	286
19E5.20	Killed Virus	165A 286
<u>Porcine Rotavirus-Transmissible Gastroenteritis Vaccine</u>		
19H1.20	Modified Live Virus	286
19H5.20	Killed Virus	286
<u>Pseudorabies Vaccine</u>		
1891.20	Modified Live Virus	112 124 189
1891.21	Modified Live Virus	189
1891.22	Modified Live Virus	189
1891.R2	Modified Live Virus	165A
1891.R4	Modified Live Virus	286
1895.00	Killed Virus	124
1895.20	Killed Virus	189
<u>Pseudorabies-Swine Influenza Vaccine</u>		
1899.R0	Modified Live & Killed Virus	165A
<u>Quail Pox Vaccine</u>		
18E1.10	Live Virus	368

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
		*Conditional License			
<u>Rabies Vaccine</u>					
1901.R0	Modified Live Virus, Vaccinia Vectored	298			
1901.R1	Live Canarypox Vector	298			
1905.20	Killed Virus	107	112	286	298
1905.21	Killed Virus	107	112	286	298
1905.22	Killed Virus	286			
1905.23	Killed Virus	112	298		
1905.24	Killed Virus	189	298		
<u>Riemerella Anatipestifer Vaccine</u>					
1811.00	Avirulent Live Culture	268			
<u>Salmonella Choleraesuis Vaccine</u>					
19A1.00	Avirulent Live Culture	124	286	303	337
19A1.01	Avirulent Live Culture	124	337		
<u>Salmonella Dublin Vaccine</u>					
19D1.R0	Live Culture	112			
<u>Salmonella Typhimurium Vaccine</u>					
19C1.00	Live Culture	112			
19C1.01	Live Culture	196			
19C1.02	Live Culture	196	368		
<u>Sarcocystis Neurona Vaccine</u>					
1SN5.20	Killed Protozoa	112*			
<u>Streptococcus Equi Vaccine</u>					
1831.00	Live Culture	112			

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
<u>Swine Influenza Vaccine</u>		
19A5.10	Killed Virus	165A
19A5.12	H1N1 & H3N2, Killed Virus	286
19A5.13	H1N1, Killed Virus	165A
19A5.22	H1N1 & H3N2, Killed Virus	112 189 303
19A5.24	H1N1 & H3N2, Killed Virus	165A 189
19A5.25	H3N2, Killed Virus	165A
19A5.26	H1N1 & H3N2, Killed Virus	189
19A5.42	H1N1 & H3N2, Killed Virus	165A
<u>Tenosynovitis Vaccine</u>		
1951.01	Modified Live Virus	112 196 286
1951.02	Modified Live Virus	165A
1951.03	Modified Live Virus	279
1951.10	Live Virus	226 286
1951.11	Modified Live Virus	112
1952.01	Modified Live Virus	279
1955.00	Killed Virus	368
<u>Transmissible Gastroenteritis Vaccine</u>		
1961.00	Modified Live Virus	213
1961.20	Modified Live Virus	286
1965.20	Killed Virus	286
<u>Trichomonas Foetus Vaccine</u>		
1859.00	Killed Protozoa	112
<u>Trichophyton Verrucosum Vaccine</u>		
1991.00		285A
<u>Wart Vaccine</u>		
1985.50	Killed Virus	188 368
<u>West Nile Virus Vaccine</u>		
1991.R0	Live Canarypox Vector	298
1991.R1	Live Flavivirus Chimera	286
1995.20	Killed Virus	112
1995.D0	DNA	112

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>Actinobacillus Pleuropneumoniae Bacterin</u>	
2657.00		112 301
2657.01		303
2657.02		189
	<u>Actinobacillus Pleuropneumoniae-Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Haemophilus Parasuis-Pasteurella Multocida Bacterin</u>	
2110.00		303
	<u>Actinobacillus Pleuropneumoniae-Erysipelothrix Rhusiopathiae Bacterin</u>	
2640.00		165A
	<u>Actinobacillus Pleuropneumoniae-Erysipelothrix Rhusiopathiae-Haemophilus Parasuis Bacterin</u>	
264C.00		165A
	<u>Actinobacillus Pleuropneumoniae-Haemophilus Parasuis Bacterin</u>	
2A74.00		165A
	<u>Actinobacillus Pleuropneumoniae-Haemophilus Parasuis-Pasteurella Multocida Bacterin</u>	
2674.00		303
	<u>Actinobacillus Pleuropneumoniae-Pasteurella Multocida Bacterin</u>	
265H.01		303
	<u>Aeromonas Salmonicida Bacterin</u>	
2035.00		285 303A 335
2035.01		303A 335
2035.02		303A 335
	<u>Aeromonas Salmonicida-Moritella Viscosa-Vibrio Anguillarum-Salmonicida Bacterin</u>	
2139.00		285
	<u>Aeromonas Salmonicida-Vibrio Anguillarum Bacterin</u>	
2037.00		285
	<u>Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin</u>	
2138.00		335
2138.01		335
2138.02		303A 335

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins And Bacterial Extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>						
		*Conditional License						
	<u>Aeromonas Salmonicida-Vibrio Anguillarum-Salmonicida Bacterin</u>							
2137.00		285						
	<u>Autogenous Bacterial Extract</u>							
2052.00		365						
2052.01		365						
	<u>Autogenous Bacterin</u>							
2051.00		112	124	165A	188	213	245	
		268	279	285	286	290	301	
		303	303A	315	335	337	343	
		355	357	364	365	368	407	
		455	597					
2051.04		196						
2051.B0		604						
2051.I0		604						
	<u>Bacteroides Nodosus Bacterin</u>							
2080.00		311						
	<u>Bordetella Bronchiseptica Bacterin</u>							
2100.01		189						
2100.02		189						
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Pasteurella Multocida Bacterin</u>							
2101.00		165A 303						
	<u>Bordetella Bronchiseptica-Pasteurella Multocida Bacterin</u>							
2108.00		165A						
	<u>Borrelia Burgdorferi Bacterial Extract</u>							
2126.R0		286	298					
	<u>Borrelia Burgdorferi Bacterin</u>							
2126.00		112	165A					
	<u>Campylobacter Fetus Bacterin</u>							
2861.00	Ovine Isolates	188						
2862.00		286	303					
2862.10		188	189	303				

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins And Bacterial Extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
		*Conditional License				
	<u>Campylobacter Fetus-Chlamydia Psittaci Bacterin</u>					
2119.00		188				
	<u>Campylobacter Fetus-jejuni Bacterin</u>					
2860.00		407*				
	<u>Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>					
2863.00		124	188	286	303	
2863.01		189	286	303		
2863.02		189				
2863.04		189	303			
2863.05		189				
2863.06		189				
2863.10		112				
	<u>Chlamydia Psittaci Bacterin</u>					
2120.00		188				
	<u>Clostridium Chauvoei-Septicum Bacterin</u>					
2401.00		286				
2401.01		188				
	<u>Clostridium Chauvoei-Septicum-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>					
2460.01		188				
	<u>Clostridium Haemolyticum Bacterin</u>					
2465.00		188	286			
	<u>Edwardsiella Ictaluri Bacterin</u>					
2637.00		303A	335			
	<u>Ehrlichia Risticii Bacterin</u>					
2639.00		112	165A	286	298	329
	<u>Erysipelothrix Rhusiopathiae Bacterin</u>					
2641.00		124	188	189	286	303
2641.01		112	124	165A	189	303
2641.02		112	189	286		
2641.03		286				

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins And Bacterial Extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Erysipelothrix Rhusiopathiae-Escherichia Coli Bacterin</u>	
26A6.00		124
	<u>Erysipelothrix Rhusiopathiae-Haemophilus Parasuis Bacterin</u>	
2646.00		124
2646.01		124
	<u>Erysipelothrix Rhusiopathiae-Haemophilus Parasuis-Mycoplasma Hyopneumoniae Bacterin</u>	
2A46.00		124 286
	<u>Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2543.00		112
	<u>Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2642.00		124 189 303
2642.01		124 189
	<u>Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u>	
2A41.00		165A 189 286
2A41.01		189
	<u>Escherichia Coli Bacterin</u>	
2648.00		124 303 357
2648.01		213
2648.07		303
2648.43		165A
2648.51		286
2648.53		303
2648.62		165A
2648.63		165A
26R8.56		189
26R8.62		112
	<u>Escherichia Coli-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin</u>	
2651.00		290
	<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>
		*Conditional License
	<u>Flavobacterium Columnare Bacterin</u>	
2974.00		303A 335
	<u>Fusobacterium Necrophorum Bacterin</u>	
2556.00		286 303
	<u>Haemophilus Paragallinarum Bacterin</u>	
2658.00		196 286
2658.11		112
2658.12		196
	<u>Haemophilus Parasuis Bacterin</u>	
2652.00		112 124 165A 303
2652.01		124
	<u>Haemophilus Parasuis-Mycoplasma Hyopneumoniae Bacterin</u>	
2565.00		112 165A
2565.01		112
	<u>Haemophilus Somnus Bacterin</u>	
2659.00		112 124 189 286 303
2659.01		189 303
	<u>Haemophilus Somnus-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2664.00		124
	<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>Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2680.00		189
	<u>Leptospira Canicola Bacterin</u>	
2661.00		188

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins And Bacterial Extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
		*Conditional License					
	<u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>						
2665.00		124	213	286	298	303	
2665.01		112	165A	188	189	286	303
2665.02		112	189				
2665.03		189					
2665.04		189	303				
2665.05		189					
2665.06		303					
2665.07		303					
	<u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona-Staphylococcus Aureus-Bacterin</u>						
2666.00		124					
	<u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>						
2668.00		112	189				
	<u>Leptospira Canicola-Icterohaemorrhagiae Bacterin</u>						
2671.00		112	188	189	286		
2671.01		112	298				
2671.03		189					
	<u>Leptospira Grippotyphosa Bacterin</u>						
2675.00		188					
	<u>Leptospira Grippotyphosa-Hardjo-Pomona Bacterin</u>						
2681.00		188					
	<u>Leptospira Grippotyphosa-Pomona Bacterin</u>						
2678.00		112					
	<u>Leptospira Hardjo Bacterin</u>						
26M7.00		189					
26M7.01		189	189A				
26M7.02		189					
	<u>Leptospira Hardjo-Pomona Bacterin</u>						
26M1.00		112					

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins And Bacterial Extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
		*Conditional License				
	<u>Leptospira Icterohaemorrhagiae Bacterin</u>					
2874.00		189				
	<u>Leptospira Pomona Bacterin</u>					
2691.00		124	188	189	213	298
	<u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>					
2700.00		188				
	<u>Moraxella Bovis Bacterin</u>					
2772.00		124	303	355		
2772.01		286				
2772.03		165A				
2772.04		165A				
2772.B0		604				
2772.I0		604				
	<u>Mycobacterium Paratuberculosis Bacterin</u>					
2773.00		112				
	<u>Mycoplasma Bovis Bacterin</u>					
2760.00		315	368			
2760.01		290				
	<u>Mycoplasma Gallisepticum Bacterin</u>					
2774.00		112	196	286		
	<u>Mycoplasma Hyopneumoniae Bacterin</u>					
2775.00		112	189	286	303	329
2775.01		112	124	165A	189	303 329
2775.02		112	286	298	329	
2775.03		298	455			
	<u>Mycoplasma Synoviae Bacterin</u>					
2776.00		112				

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins And Bacterial Extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
		*Conditional License		
	<u>Pasteurella Multocida Bacterin</u>			
2701.22	Bovine & Porcine Isolates	188		
2702.13	Avian Isolates, Types 1 & 3 & 4	112	368	
2702.15	Avian Isolates, Types 1 & 3 & 4	196		
2703.15	Avian Isolates, Types 1 & 3 & 4 & 3 X 4	196	286	
2703.17	Avian Isolates, Types 1 & 3 & 4 & 3 X 4	196		
2705.01	Avian Isolates, Types 1 & 3 & 4 & 3 X 4	368		
2705.02	Avian Isolates, Types 1 & 3 & 4 & 3 X 4	112		
	<u>Porphyromonas Denticanis-Gulae-Salivosa Bacterin</u>			
2725.00		189*		
	<u>Pseudomonas Aeruginosa Bacterin</u>			
2735.00		245		
2735.02		245		
	<u>Ram Epididymitis Bacterin</u>			
2771.00		188		
	<u>Salmonella Choleraesuis-Typhimurium Bacterin</u>			
2791.00		303		
	<u>Salmonella Dublin-Typhimurium Bacterin</u>			
2821.00		188	303	315
	<u>Salmonella Enteritidis Bacterin</u>			
2785.00		112	196	368
	<u>Salmonella Newport Bacterial Extract</u>			
2811.00		365*		
	<u>Salmonella Typhimurium Bacterin</u>			
2825.01		368		
	<u>Serpens Species Bacterin</u>			
21B5.00		407*		
	<u>Staphylococcus Aureus Bacterin</u>			
2852.00		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>
	<u>Streptococcus Equi Bacterial Extract</u>	
2856.00		124 286
	<u>Streptococcus Suis Bacterin</u>	
2840.00		286 301
2840.01		303
	<u>Treponema Bacterin</u>	
21C5.00		303
	<u>Vibrio Anguillarum-Ordalii Bacterin</u>	
2858.02		285
2858.03		303A 335
	<u>Vibrio Anguillarum-Salmonicida Bacterin</u>	
2868.00		285
	<u>Vibrio Salmonicida Bacterin</u>	
2870.00		285
	<u>Yersinia Ruckeri Bacterin</u>	
2638.00		285 303A 335
2638.01		285
2638.02		285

*Conditional License

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>Arcanobacterium Pyogenes-Escherichia Coli-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Antibody</u>						
3391.00	Bovine Origin	188	303				
	<u>Arcanobacterium Pyogenes-Escherichia Coli-Pasteurella Multocida-Salmonella Typhimurium Antiserum</u>						
3400.00	Bovine Isolates & Origin, Concentrate	124					
	<u>Arcanobacterium Pyogenes-Mannheimia Haemolytica-Pasteurella Multocida Antibody</u>						
3414.02	Bovine & Porcine Isolates, Bovine Origin	188					
	<u>Bovine Coronavirus-Escherichia Coli Antibody</u>						
36B5.00	Bovine Origin	327					
	<u>Bovine IgG</u>						
3606.00		328	347	363	370	379	395
		396	404	612A			
3606.01		379					
	<u>Bovine IgG-Escherichia Coli Antibody</u>						
3610.00	Bovine Origin	395	396				
	<u>Canine Lymphoma Monoclonal Antibody</u>						
3405.00		312					
	<u>Equine IgG</u>						
3607.00		318	328	347	360	411	614
3607.01		318	328	360			
	<u>Equine IgG-Rhodococcus Equi Antibody</u>						
3900.00	Equine Origin	360					
	<u>Erysipelothrix Rhusiopathiae Antibody</u>						
3511.00	Equine Origin	188	303				
	<u>Escherichia Coli Antibody</u>						
3524.00	Bovine Origin	341	370	395	396		
3524.01	Bovine Origin	370					
3526.00	Equine Origin	124	289B	303			
3526.03	Equine Origin	303					
3526.B0	Bovine Origin	312					

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Antibody Products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Normal Serum</u>	
3602.00	Equine Origin	188
	<u>Rhodococcus Equi Antibody</u>	
3750.00	Equine Origin	318 360
	<u>Salmonella Typhimurium Antibody</u>	
3850.00	Equine Origin	345
	<u>Streptococcus Equi Antibody</u>	
3880.00	Equine Origin	614*
	<u>West Nile Virus Antibody</u>	
3995.00	Equine Origin	188* 318*

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-Autogenous Bacterin</u>	
4500.00	Killed Virus	196 303 368
4500.20	Killed Virus	301 455
4500.B0	Killed Virus	604
4500.I0	Killed Virus	604
	<u>Bovine Respiratory Syncytial Virus Vaccine-Haemophilus Somnus Bacterin</u>	
40A5.20	Killed Virus	124
40A6.20	Modified Live Virus	189
	<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 Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4019.00	Modified Live Virus	112 188
	<u>Bovine Rhinotracheitis Vaccine-Leptospira Grippotyphosa-Hardjo-Pomona Bacterin</u>	
4059.00	Modified Live Virus	188
	<u>Bovine Rhinotracheitis Vaccine-Leptospira Hardjo-Pomona Bacterin</u>	
4069.20	Modified Live Virus	112
	<u>Bovine Rhinotracheitis Vaccine-Leptospira Pomona Bacterin</u>	
4089.00	Modified Live Virus	188 213
4089.20	Modified Live Virus	124 213 298
	<u>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine-Haemophilus Somnus Bacterin</u>	
4139.20	Modified Live Virus	124 189
	<u>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>	
4169.20	Modified Live Virus	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4129.00	Modified Live Virus	188 213
	<u>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine-Leptospira Grippotyphosa-Hardjo-Pomona Bacterin</u>	
4179.00	Modified Live Virus	188
	<u>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine-Leptospira Pomona Bacterin</u>	
4209.00	Modified Live Virus	188 213
	<u>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>	
4265.00	Killed Virus	124
	<u>Bovine Rhinotracheitis-Respiratory Syncytial Virus Vaccine-Leptospira Pomona Bacterin</u>	
4277.21	Modified Live Virus	189
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4145.20	Killed Virus	303
4145.21	Killed Virus	213
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
43S5.20	Killed Virus	290
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin-Toxoid</u>	
43T5.20	Killed Virus	290
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4335.20	Killed Virus	213
4336.30	Killed Virus	213
4339.00	Modified Live Virus	188 213
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Grippotyphosa-Hardjo-Pomona Bacterin</u>	
4359.00	Modified Live Virus	188
	<u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Hardjo-Pomona Bacterin</u>	
4399.20	Modified Live Virus	112

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 Vaccine-Leptospira Pomona Bacterin</u>	
4389.00	Modified Live Virus	188 213
4389.20	Modified Live Virus	124 298
4389.21	Modified Live Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4560.22	Modified Live Virus	189
4560.23	Modified Live Virus	189
4560.25	Modified Live Virus	189
4565.20	Killed Virus	112
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Haemophilus Somnus Bacterin</u>	
44H9.20	Modified Live Virus	189
44H9.30	Modified Live Virus	124 189
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Haemophilus Somnus-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4489.30	Modified Live Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>	
4459.30	Modified Live Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4431.22	Modified Live Virus	112
4435.20	Killed Virus	189 303
4435.21	Killed Virus	112
4439.00	Modified Live Virus	188
4439.20	Modified Live Virus	112 213 298
4439.21	Modified Live Virus	189
4439.30	Modified Live Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Leptospira Grippotyphosa-Hardjo-Pomona Bacterin</u>	
4479.00	Modified Live Virus	188
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Leptospira Pomona Bacterin</u>	
4509.00	Modified Live Virus	188 213

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-Campylobacter Fetus-Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
44M5.20	Killed Virus	303
44M5.22	Killed Virus	303
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
44B1.20	Modified Live Virus	286
44B1.21	Modified Live Virus	189
44B1.25	Modified Live Virus	189
44B5.20	Killed Virus	303
44B6.20	Killed Virus	303
44B6.21	Killed Virus	303
44B9.21	Modified Live & Killed Virus	213
44B9.22	Modified Live & Killed Virus	189
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Escherichia Coli-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4A65.20	Killed Virus	298
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus Bacterin</u>	
44C5.20	Killed Virus	303
44C7.20	Killed Virus	112
44C9.20	Modified Live Virus	124 189
44C9.21	Modified Live Virus	124
44C9.23	Modified Live Virus	124
44C9.24	Modified Live Virus	124
44D5.20	Killed Virus	124
44E7.20	Killed Virus	189
44F9.20	Modified Live & 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>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>						
44D7.20	Killed Virus	112	124	189	303	
44D7.22	Killed Virus	303				
44D9.20	Modified Live Virus	124				
44D9.21	Modified Live Virus	124				
44D9.23	Modified Live Virus	124				
44D9.24	Modified Live Virus	124				
<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus-Mannheimia Haemolytica Bacterin</u>						
4477.20	Killed Virus	112				
<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>						
4461.20	Modified Live Virus	112	124	165A	213	286
4461.21	Modified Live Virus	189				
4461.22	Modified Live Virus	112				
4461.25	Modified Live Virus	189				
4465.20	Killed Virus	112	124	189	298	303
4465.21	Killed Virus	112				
4465.22	Killed Virus	112				
4466.20	Killed Virus	303				
4466.21	Killed Virus	303				
4469.00	Modified Live Virus	213				
4469.01	Modified Live Virus	124				
4469.20	Modified Live & Killed Virus	213				
4469.22	Modified Live & Killed Virus	112	189			
4469.23	Modified Live & Killed Virus	124				
4469.24	Modified Live Virus	124				
4469.25	Modified Live & Killed Virus	189				
4469.30	Modified Live & Killed Virus	213				
<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	112				

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>
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	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica Bacterin</u>	
44A5.20	Killed Virus	112
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica Toxoid</u>	
4X49.20	Modified Live Virus	112
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
45B9.20	Modified Live Virus	124
45B9.21	Modified Live Virus	124
	<u>Bovine Rhinotracheitis-Virus Diarrhea-Respiratory Syncytial Virus Vaccine-Leptospira Pomona Bacterin</u>	
4367.20	Modified Live Virus	213
4367.21	Modified Live Virus	189
4367.25	Modified Live Virus	189
4367.26	Modified Live Virus	189
4367.30	Modified Live Virus	213
	<u>Bovine Rotavirus-Coronavirus Vaccine-Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>	
4570.20	Killed Virus	189 303
4570.22	Killed Virus	189
	<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>	
4585.20	Killed Virus	189
4585.22	Killed Virus	189
	<u>Bovine Virus Diarrhea Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
45B5.21	Killed Virus	189
	<u>Bovine Virus Diarrhea Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
4C95.20	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>	
		*Conditional License	
<u>Bovine Virus Diarrhea Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>			
4595.21	Killed Virus	112	189
4595.25	Killed Virus	189	
<u>Bovine Virus Diarrhea Vaccine-Leptospira Pomona Bacterin</u>			
4599.00	Modified Live Virus	188	
<u>Canine Adenovirus Type 2-Parvovirus Vaccine-Leptospira Bacterin</u>			
4605.20	Killed Virus	189	
4608.20	Modified Live & Killed Virus	189	
<u>Canine Coronavirus Vaccine-Borrelia Burgdorferi Bacterin</u>			
47A5.20	Killed Virus	112	
<u>Canine Coronavirus Vaccine-Borrelia Burgdorferi-Leptospira Bacterin</u>			
47E5.20	Killed Virus	112	
47E5.21	Killed Virus	112	
<u>Canine Coronavirus Vaccine-Leptospira Bacterin</u>			
46E5.20	Killed Virus	112	286
46E5.21	Killed Virus	112	
46E5.22	Killed Virus	112	
46E5.23	Killed Virus	112	
<u>Canine Coronavirus Vaccine-Leptospira Icterohaemorrhagiae Bacterin</u>			
46D5.27	Killed Virus	112	
<u>Canine Distemper-Adenovirus Type 2 Vaccine-Leptospira Bacterin</u>			
4627.20	Modified Live Virus	112	
4627.21	Modified Live Virus	112	
4629.20	Modified Live Virus	189	
4629.27	Modified Live Virus	112	
<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Borrelia Burgdorferi Bacterial Extract</u>			
4807.R0	Modified Live Virus, 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-Borrelia Burgdorferi Bacterin</u>	
47C5.20	Modified Live & Killed Virus	112
47C5.29	Modified Live & Killed Virus	112
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Borrelia Burgdorferi-Leptospira Bacterin</u>	
46B9.20	Modified Live & Killed Virus	112
46B9.21	Modified Live & Killed Virus	112
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Bacterin</u>	
46J7.20	Modified Live & Killed Virus	112 165A 189
46J7.22	Modified Live & Killed Virus	189
46J9.20	Modified Live & Killed Virus	286
46J9.21	Modified Live & Killed Virus	112
46J9.23	Modified Live & Killed Virus	112
46J9.25	Modified Live & Killed Virus	112
46J9.26	Modified Live & Killed Virus	112
46J9.27	Modified Live & Killed Virus	112
46J9.29	Modified Live & Killed Virus	112
46J9.R1	Modified Live Virus, Canarypox Vector	298
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
47L9.20	Modified Live & Killed Virus	189
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterin</u>	
46L9.27	Modified Live & Killed Virus	112
	<u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterin</u>	
46P9.27	Modified Live & Killed Virus	112
	<u>Canine Distemper-Adenovirus Type 2-Hepatitis-Parainfluenza-Parvovirus Vaccine-Leptospira Bacterin</u>	
46A9.20	Modified Live & Killed Virus	189
49A9.20	Modified Live & Killed Virus	189

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>
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	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza Vaccine-Leptospira Bacterin</u>	
4657.21	Modified Live Virus	112
4657.30	Modified Live & Killed Virus	189
4659.20	Modified Live Virus	189
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Bordetella Bronchiseptica Bacterin</u>	
46E9.21	Modified Live Virus	189
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Borrelia Burgdorferi Bacterial Extract</u>	
4707.R0	Modified Live Virus, Canarypox Vector	298
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Bacterin</u>	
4637.20	Modified Live Virus	112 165A 189 286
4637.22	Modified Live Virus	189
4637.23	Modified Live Virus	189
4637.29	Modified Live Virus	112
4639.21	Modified Live Virus	112 189
4639.22	Modified Live Virus	189
4639.23	Modified Live Virus	112
4639.25	Modified Live Virus	112
4639.27	Modified Live Virus	112
4639.41	Modified Live & Killed Virus	189
4639.R1	Canarypox Vector	298
	<u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
47K1.20	Modified Live Virus	189
	<u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine-Leptospira Bacterin</u>	
4679.23	Modified Live Virus	189
	<u>Canine Distemper-Hepatitis-Parainfluenza Vaccine-Leptospira Bacterin</u>	
4809.21	Modified Live & Killed Virus	189
	<u>Canine Distemper-Hepatitis-Parainfluenza-Parvovirus Vaccine-Leptospira Bacterin</u>	
47P9.22	Modified Live Virus	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
		*Conditional License			
<u>Canine Parainfluenza Vaccine-Bordetella Bronchiseptica Bacterin</u>					
47A1.20	Modified Live Virus	189			
<u>Encephalomyelitis Vaccine-Ehrlichia Risticii-Tetanus Bacterin-Toxoid</u>					
4866.20	Eastern & Western, Killed Virus	165A			
4B35.41	Eastern & Western, Killed Virus	112			
<u>Encephalomyelitis Vaccine-Tetanus Toxoid</u>					
4865.00	Eastern & Western, Killed Virus	165A	188	286	
4865.20	Eastern & Western, Killed Virus	107	124		
4865.22	Eastern & Western, Killed Virus	112			
4865.23	Eastern & Western & Venezuelan, Killed Virus	107	112	124	286
4865.24	Eastern & Western, Killed Virus	112			
4865.25	Eastern & Western, Killed Virus	112			
4865.26	Eastern & Western, Killed Virus	112			
4867.20	Eastern & Western & Venezuelan, Killed Virus	112			
4867.21	Eastern & Western & Venezuelan, Killed Virus	112			
<u>Encephalomyelitis-Influenza Vaccine-Ehrlichia Risticii-Tetanus Bacterin-Toxoid</u>					
4A35.40	Eastern & Western, Killed Virus	165A			
<u>Encephalomyelitis-Influenza Vaccine-Tetanus Toxoid</u>					
4835.20	Eastern & Western, Killed Virus	107	112	124	165A
4835.21	Eastern & Western, Killed Virus	112			
4835.22	Eastern & Western, Killed Virus	112			
4835.23	Eastern & Western, Killed Virus	112			
4835.45	Eastern & Western, Killed Virus	112	286		
4835.46	Eastern & Western, Killed Virus	112	286		
4835.A1	Eastern & Western, Killed Virus	112			
4875.20	Eastern & Western & Venezuelan, Killed Virus	112			
4875.21	Eastern & Western & Venezuelan, Killed Virus	112			
4875.22	Eastern & Western & Venezuelan, Killed Virus	112			
4875.23	Eastern & Western & Venezuelan, Killed Virus	112			
4875.A0	Eastern & Western & Venezuelan, Killed Virus	107	124	286	
4875.A1	Eastern & Western & Venezuelan, Killed Virus	286			

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 Vaccine-Tetanus Toxoid</u>	
4844.20	Eastern & Western, Killed Virus	112
4844.21	Eastern & Western, Killed Virus	112
4844.30	Eastern & Western, Killed Virus	286
4846.20	Eastern & Western & Venezuelan, Killed Virus	112
4846.21	Eastern & Western & Venezuelan, Killed Virus	112
	<u>Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine-Tetanus Toxoid</u>	
4845.20	Eastern & Western, Killed Virus	112
4845.21	Eastern & Western, Killed Virus	112
4845.22	Eastern & Western, Killed Virus	112
4845.23	Eastern & Western, Killed Virus	112
4845.31	Eastern & Western, Killed Virus	286
4845.32	Eastern & Western, Killed Virus	286
4845.33	Eastern & Western, Killed Virus	286
4847.20	Eastern & Western & Venezuelan, Killed Virus	112
4847.21	Eastern & Western & Venezuelan, Killed Virus	112
4847.22	Eastern & Western & Venezuelan, Killed Virus	112
4847.23	Eastern & Western & Venezuelan, Killed Virus	112
4847.30	Eastern & Western & Venezuelan, Killed Virus	286
4847.31	Eastern & Western & Venezuelan, Killed Virus	286
4847.32	Eastern & Western & Venezuelan, Killed Virus	286
	<u>Encephalomyelitis-West Nile Virus Vaccine-Tetanus Toxoid</u>	
48W5.20	Eastern & Western & Venezuelan, Killed Virus	112
48W5.21	Eastern & Western, Killed Virus	112
48W5.22	Eastern & Western, Killed Virus	112
48W5.23	Eastern & Western & Venezuelan, Killed Virus	112
	<u>Infectious Salmon Anemia Virus Vaccine-Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin</u>	
4A45.20	Killed Virus	303A 335
	<u>Mink Distemper Vaccine-Clostridium Botulinum Type C Bacterin-Toxoid</u>	
4919.00	Modified Live Virus	245

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Vaccines With Bacterins/Bacterial Extracts/Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>Mink Distemper-Enteritis Vaccine-Clostridium Botulinum Type C Bacterin-Toxoid</u>		
4929.20	Modified Live Virus & Killed Virus	165A
4929.30	Modified Live & Killed Virus	245
4929.31	Modified Live & Killed Virus	245
4929.32	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
4949.30	Modified Live & Killed Virus	245
4949.31	Modified Live & Killed Virus	245
4949.32	Modified Live & Killed Virus	245
<u>Mink Enteritis Vaccine-Clostridium Botulinum Type C Bacterin-Toxoid</u>		
4955.20	Killed Virus	165A 245
4955.21	Killed Virus	245
4955.22	Killed Virus	245
<u>Mink Enteritis Vaccine-Clostridium Botulinum Type C-Pseudomonas Aeruginosa Bacterin-Toxoid</u>		
49A5.20	Killed Virus	165A 245
49A5.21	Killed Virus	245
49A5.22	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
48B6.10	Mass Type, Killed Virus	112 286
<u>Newcastle-Bronchitis Vaccine-Salmonella Enteritidis Bacterin</u>		
48D6.10	Mass Type, Killed Virus	112 286 368
<u>Parainfluenza 3 Vaccine-Leptospira Pomona Bacterin</u>		
4989.00	Modified Live Virus	188
<u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae Bacterin</u>		
4906.20	Killed Virus	303

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Vaccines With Bacterins/Bacterial Extracts/Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
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	<u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4BC5.20	Killed Virus	112 165A 189
4BC5.21	Killed Virus	189 286
	<u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
48C5.01	Killed Virus	112
48C5.20	Killed Virus	124 165A 189 303
48C5.21	Killed Virus	124 189 286 303
	<u>Parvovirus Vaccine-Leptospira Bacterin</u>	
4960.00	Modified Live Virus	124
	<u>Parvovirus Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4975.01	Killed Virus	112
4975.20	Killed Virus	189 303
4975.22	Killed Virus	303
	<u>Parvovirus-Pseudorabies Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4BA9.20	Modified Live & Killed Virus	189
	<u>Parvovirus-Pseudorabies Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
48A9.20	Modified Live & Killed Virus	189
	<u>Parvovirus-Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
49F6.22	H1N1 & H3N2, Killed Virus	189
	<u>Parvovirus-Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
49G6.22	H1N1 & H3N2, Killed Virus	189
	<u>Porcine Reproductive & Respiratory Syndrome Vaccine-Erysipelothrix Rhusiopathiae Bacterin</u>	
41V9.20	Respiratory Form, Modified Live Virus	124
	<u>Porcine Reproductive & Respiratory Syndrome Vaccine-Erysipelothrix Rhusiopathiae-Haemophilus Parasuis Bacterin</u>	
49V9.20	Respiratory Form, Modified Live Virus	124

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Vaccines With Bacterins/Bacterial Extracts/Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
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	<u>Porcine Reproductive & Respiratory Syndrome Vaccine-Erysipelothrix Rhusiopathiae-Haemophilus Parasuis-Mycoplasma Hyopneumoniae Bacterin</u>	
49R9.20	Respiratory Form, Modified Live Virus	124
	<u>Porcine Reproductive & Respiratory Syndrome Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
41S1.20	Reproductive Form, Modified Live Virus	124
41S1.21	Reproductive Form, Modified Live Virus	124
	<u>Porcine Reproductive & Respiratory Syndrome Vaccine-Haemophilus Parasuis Bacterin</u>	
49Q9.20	Modified Live Virus	124
	<u>Porcine Reproductive & Respiratory Syndrome-Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
49S1.20	Reproductive Form, Modified Live & Killed Virus	165A
	<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
4PS9.20	Reproductive Form, Modified Live & Killed Virus	165A
	<u>Porcine Rotavirus Vaccine-Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>	
49C1.21	Modified Live Virus	286
49C5.20	Killed Virus	165A
	<u>Porcine Rotavirus Vaccine-Escherichia Coli Bacterin</u>	
49K1.20	Modified Live Virus	286
	<u>Porcine Rotavirus-Transmissible Gastroenteritis Vaccine-Bordetella Bronchiseptica-Clostridium Perfringens Type C-Erysipelothrix Rhusiopathiae-Escherichia Coli-Pasteurella Multocida Bacterin-Toxoid</u>	
49T9.21	Modified Live Virus	286
	<u>Porcine Rotavirus-Transmissible Gastroenteritis Vaccine-Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>	
49B1.21	Modified Live Virus	286
	<u>Porcine Rotavirus-Transmissible Gastroenteritis Vaccine-Escherichia Coli Bacterin</u>	
49P1.20	Modified Live Virus	286
	<u>Rabies Vaccine-Ehrlichia Risticii Bacterin</u>	
4905.20	Killed Virus	286 298

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>
	<u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae Bacterin</u>	
4993.20	H1N1 & H3N2, Killed Virus	189
	<u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
49L6.22	H1N1 & H3N2, Killed Virus	189
	<u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u>	
4994.20	H1N1 & H3N2, Killed Virus	189
4994.21	H1N1 & H3N2, Killed Virus	189
	<u>Swine Influenza Vaccine-Mycoplasma Hyopneumoniae Bacterin</u>	
4995.00	Killed Virus	165A
4995.22	H1N1 & H3N2, Killed Virus	112 165A 189
4995.23	H1N1 & H3N2, Killed Virus	189
4995.24	H1N1 & H3N2, Killed Virus	189
	<u>Trichomonas Foetus Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
4990.00		112

*Conditional License

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>Aleutian Disease Virus Counter-electrophoresis Antigen</u>	
5001.02		245
5001.20		245
5005.00		245
	<u>Anaplasma Antibody Test Kit</u>	
5002.00		336
5002.20	CELISA	332
	<u>Avian Encephalomyelitis Virus Antibody Test Kit</u>	
5006.00		312 313 450
	<u>Avian Encephalomyelitis-Bronchitis-Bursal Disease-Newcastle Disease-Reovirus Antibody Test Kit</u>	
5106.00		312 450
	<u>Avian Influenza Virus Antibody Test Kit</u>	
5004.00		312 313
5004.20	ELISA	450
	<u>Avian Influenza Virus Type A Antigen Test Kit</u>	
5180.50		312
	<u>Avian Leukosis Virus Antibody Test Kit</u>	
5007.01		313
5007.02	Subgroup J	313
	<u>Avian Leukosis Virus Antigen Test Kit</u>	
5007.00		312 313 450
	<u>Avian Reovirus Antibody Test Kit</u>	
5008.00		312 313 450
	<u>Babesia Caballi Antibody Test Kit</u>	
501A.20	cELISA	332
	<u>Babesia Equi Antibody Test Kit</u>	
501B.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>		
		*Conditional License		
	<u>Bluetongue Virus Antibody Test Kit</u>			
5010.00		332	336	
5010.10	Complement Fixation Test	336		
5010.20	cELISA	332	336	386
	<u>Bordetella Avium Antibody Test Kit</u>			
5015.00		312		
	<u>Bovine Leukemia Virus Antibody Test Kit</u>			
5505.20		313	332	336
	<u>Bovine Rhinotracheitis Virus Antibody Test Kit</u>			
5A09.00		313		
	<u>Bovine Spongiform Encephalopathy Antigen Test Kit</u>			
5430.20	ELISA	460B	624	625
5430.21	EIA	313		
5430.40	Immunohistochemistry	332		
	<u>Bovine Spongiform Encephalopathy-Scrapie Antigen Test Kit</u>			
5440.20	ELISA	625		
5440.21	EIA	313		
	<u>Bovine Virus Diarrhea Antigen Test Kit</u>			
5A05.01		313		
	<u>Brucella Abortus Antibody Test Kit</u>			
5013.00		313		
5013.02		313		
5013.30		320		
	<u>Canine Borrelia Burgdorferi Antibody Test Kit</u>			
5017.00		312		
	<u>Canine Brucellosis Antibody Test Kit</u>			
5021.00		312		
	<u>Canine Distemper-Parvovirus Antibody Test Kit</u>			
53P1.00		312		

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>Canine Heartworm Antigen Test Kit</u>	
5018.00		213 312 312A 373 460
5018.01		213 312A 330 338 338A
5018.02		213 312 313
5018.03		213 313
5018.04		312
5018.05		312
	<u>Canine Heartworm Antigen-Anaplasma Phagocytophilum-Borrelia Burgdorferi-Ehrlichia Canis Antibody Test Kit</u>	
5P20.00		313
	<u>Canine Heartworm Antigen-Borrelia Burgdorferi-Ehrlichia Canis Antibody Test Kit</u>	
5E20.00		313
	<u>Canine Parvovirus Antigen Test Kit</u>	
5024.00	Blot Test	460A
5024.01		312A 338 338A
5024.02		312
5024.03		313
5024.05		312
5024.50	Blot Test	610
	<u>Canine Rheumatoid Factor Antigen Test Kit</u>	
5012.00		312
	<u>Caprine Arthritis-Encephalitis Virus Antibody Test Kit</u>	
5139.20	CELISA	332
	<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

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>Chronic Wasting Disease Antigen Test Kit</u>				
5420.20	ELISA	624			
5420.21	EIA	313			
5420.50	Dot Blot	332			
5420.51		632			
	<u>Classical Swine Fever Virus RNA Test Kit</u>				
5441.80	Polymerase Chain Reaction	644			
	<u>Epizootic Hemorrhagic Disease Virus Antibody Test Kit</u>				
5A27.00		336			
	<u>Equine Infectious Anemia Virus Antibody Test Kit</u>				
5515.00	ELISA	312	313	320	332
5515.01		320			
5515.21		312	332		
5515.22		313			
	<u>Escherichia Coli Antigen Test Kit</u>				
5032.00		332			
	<u>Feline Heartworm Antibody Test Kit</u>				
5F18.00		213	312		
5F18.01		312A			
	<u>Feline Heartworm Antigen Test Kit</u>				
5F20.00		313			
	<u>Feline Immunodeficiency Virus Antibody Test Kit</u>				
5036.00		313			
	<u>Feline Immunodeficiency Virus Antigen Test Kit</u>				
5038.00		313			
	<u>Feline Infectious Peritonitis Virus Antibody Test Kit</u>				
5029.00		312	313		

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>Feline Leukemia Virus Antigen Test Kit</u>		
5028.00		312 312A 338 460A
5028.01		312 313
5028.03		313
5028.05		312
<u>Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit</u>		
502A.02		313
<u>Foot And Mouth Disease Virus Antibody Test Kit</u>		
5FM0.01		620
<u>Fowl Laryngotracheitis Virus Antibody Test Kit</u>		
5601.00		312
<u>Giardia Antigen Test Kit</u>		
5G05.50		313
<u>Hemorrhagic Enteritis Virus Antibody Test Kit</u>		
57E1.00		312
<u>Infectious Bronchitis Virus Antibody Test Kit</u>		
5030.00		312 313 450
<u>Infectious Bursal Disease Virus Antibody Test Kit</u>		
5040.00		312 313 450
5040.01		312 313
<u>Mycobacterium Bovis Gamma Interferon Test Kit</u>		
5A64.00	For Cattle	189A
5A64.10	For Cervids	189*
<u>Mycobacterium Paratuberculosis Antibody Test Kit</u>		
5064.00		189A 312 327
5064.01		313
5064.03		313
<u>Mycobacterium Paratuberculosis DNA Test Kit</u>		
5066.00		313
5066.80	Polymerase Chain Reaction	644*

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 Tuberculosis Gamma Interferon Test Kit</u>	
5A64.20	For Non-Human Primates	189*
	<u>Mycoplasma Gallisepticum Antibody Test Kit</u>	
5070.00		312 313 450
5070.01		312
	<u>Mycoplasma Gallisepticum Antigen</u>	
5071.00	S-6 Serotype, Plate	286
5071.01	S-6 Serotype, Plate	286A
5071.02		344
	<u>Mycoplasma Gallisepticum DNA Test Kit</u>	
5A70.00		313
	<u>Mycoplasma Gallisepticum-Synoviae Antibody Test Kit</u>	
5074.00		312 313
	<u>Mycoplasma Hyopneumoniae Antibody Test Kit</u>	
5075.00		313
	<u>Mycoplasma Meleagridis Antibody Test Kit</u>	
5172.00		312 313
	<u>Mycoplasma Meleagridis Antigen</u>	
5072.00	H Serotype, Plate	286
	<u>Mycoplasma Pulmonis-Rodent Coronavirus-Sendai Virus Antibody Test Kit</u>	
54D0.00		344A
	<u>Mycoplasma Synoviae Antibody Test Kit</u>	
5173.00		312 313 450
5173.01		312
	<u>Mycoplasma Synoviae Antigen</u>	
5073.00	S-Serotype, Plate	286
5073.01	S-Serotype, Plate	286A
5073.02		344
	<u>Mycoplasma Synoviae DNA Test Kit</u>	
5A76.00		313

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>Neospora Caninum Antibody Test Kit</u>			
5N05.00		313		
5N05.20	cELISA	332		
	<u>Newcastle Disease Virus Antibody Test Kit</u>			
5080.00		312	313	450
5080.01		312	313	
	<u>Pasteurella Multocida Antibody Test Kit</u>			
5130.00	Avian Isolates	312	313	
5130.01		312	313	
	<u>Porcine Reproductive & Respiratory Syndrome Virus Antibody Test Kit</u>			
59S5.01		313		
	<u>Pseudorabies Virus Antibody Test Kit</u>			
5110.00		320		
5110.01		313	320	
5110.02		313		
	<u>Pseudorabies Virus gB Antibody Test Kit</u>			
5114.00		313		
	<u>Pseudorabies Virus gpI Antibody Test Kit</u>			
5113.00		313		
5113.02		313		
	<u>Pullorum Antigen</u>			
5207.00	Stained Antigen Polyvalent	196		
	<u>Renibacterium Salmoninarum Antigen Test Kit</u>			
5800.00		386		
5800.01		386		
	<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>
		*Conditional License
	<u>Scrapie Antigen Test Kit</u>	
5410.20	ELISA	624
	<u>Staphylococcus Aureus Antibody Test Kit</u>	
5850.00		332
	<u>Swine Influenza Virus Antibody Test Kit</u>	
59A5.00	H1N1	313
59A5.01	H3N2	313
	<u>Trichinella Spiralis Antibody Test Kit</u>	
5350.00		325 430
	<u>Tuberculin</u>	
5301.00	Mammalian, Human Isolates, Intradermic	188
5302.00	PPD Bovis, Intradermic	188

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Antitoxins

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
		*Conditional License		
	<u>Antivenin</u>			
6101.00	Crotalidae Polyvalent	112		
	<u>Clostridium Botulinum Type B Antitoxin</u>			
6400.00	Equine Origin	360		
	<u>Clostridium Perfringens Type C Antitoxin</u>			
6211.00	Equine Origin	188	303	
6211.01	Equine Origin	303		
	<u>Clostridium Perfringens Type C Antitoxin-Escherichia Coli Antibody</u>			
6212.01	Equine Origin	303		
	<u>Clostridium Perfringens Type C Antitoxin-Escherichia Coli Antiserum</u>			
6212.02		303		
	<u>Clostridium Perfringens Type D Antitoxin</u>			
6201.00		188		
	<u>Clostridium Perfringens Types C & D Antitoxin</u>			
6221.00	Equine Origin	124	188	303
	<u>Tetanus Antitoxin</u>			
6302.00		112	188	303

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>	
7052.00		124
7052.01		286
7150.00		303
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Escherichia Coli-Pasteurella Multocida Bacterin-Toxoid</u>	
7159.01		286
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Haemophilus Parasuis-Pasteurella Multocida Bacterin-Toxoid</u>	
7045.00		124 165A
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae-Pasteurella Multocida Bacterin-Toxoid</u>	
7154.00		286
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Pasteurella Multocida Bacterin-Toxoid</u>	
7054.00		124 189 286
7054.01		286 303
7055.00		165A 286
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Pasteurella Multocida-Streptococcus Suis Bacterin-Toxoid</u>	
7156.00		286
	<u>Bordetella Bronchiseptica-Mycoplasma Hyopneumoniae-Pasteurella Multocida Bacterin-Toxoid</u>	
7085.00		286
	<u>Bordetella Bronchiseptica-Pasteurella Multocida Bacterin-Toxoid</u>	
7060.00		124 189
7060.01		124
7080.00		286
	<u>Clostridium Botulinum Type C Bacterin-Toxoid</u>	
7010.00		245
7010.02		245
	<u>Clostridium Botulinum Type C-Pseudomonas Aeruginosa Bacterin-Toxoid</u>	
7020.00		245

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterin-Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
		*Conditional License			
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C & D Bacterin-Toxoid</u>				
7160.00		124	189	311	
7160.01		189	286		
7160.02		189			
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C & D-Haemophilus Somnus Bacterin-Toxoid</u>				
7B23.00		286			
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C & D-Mannheimia Haemolytica Bacterin-Toxoid</u>				
7460.00		189			
	<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			
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii Bacterin-Toxoid</u>				
7390.00		188			
7390.01		286			
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D Bacterin-Toxoid</u>				
7410.00		124	189	311	
7410.01		124	189	286	303
7410.02		124	189		
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D-Haemophilus Somnus Bacterin-Toxoid</u>				
7423.00		124	189	286	
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D-Mannheimia Haemolytica Bacterin-Toxoid</u>				
7430.00		189			

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterin-Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
		*Conditional License				
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D-Moraxella Bovis Bacterin-Toxoid</u>					
7425.00		286				
7425.01		124				
7425.02		124	165A			
	<u>Clostridium Perfringens Type C Bacterin-Toxoid</u>					
7800.00		213	303			
	<u>Clostridium Perfringens Type C-Erysipelothrix Rhusiopathiae-Escherichia Coli Bacterin-Toxoid</u>					
7874.00		124				
	<u>Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>					
7890.00		124	165A	189	213	303
7890.01		286	303			
	<u>Clostridium Perfringens Type D Bacterin-Toxoid</u>					
7840.00		213	303			
	<u>Clostridium Perfringens Types C & D Bacterin-Toxoid</u>					
7870.00		189	213	286	303	
7870.01		189				
7870.02		189				
	<u>Clostridium Perfringens Types C & D-Tetani Bacterin-Toxoid</u>					
7885.00		286				
	<u>Clostridium Tetani-Perfringens Type D-Corynebacterium Pseudotuberculosis Bacterin-Toxoid</u>					
7894.00		188				
	<u>Corynebacterium Pseudotuberculosis Bacterin-Toxoid</u>					
7A94.00		188				
	<u>Escherichia Coli Bacterin-Toxoid</u>					
7850.00		298				
7900.R0		189				
	<u>Escherichia Coli-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin-Toxoid</u>					
7851.00		298				

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterin-Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
		<small>*Conditional License</small>		
	<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 Bacterin-Toxoid</u>			
7905.00		189	290	315
7905.01		315		
	<u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>			
7935.00		124	298	315
7935.01		315		
	<u>Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Dublin-Typhimurium Bacterin-Toxoid</u>			
7916.00		315		
	<u>Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin-Toxoid</u>			
7926.00		290		
	<u>Pasteurella Multocida Bacterial Extract-Mannheimia Haemolytica Toxoid</u>			
7945.00		112		
	<u>Salmonella Typhimurium Bacterin-Toxoid</u>			
7910.00		345		
7910.01		345		

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Arcanobacterium Pyogenes-Fusobacterium Necrophorum Toxoid</u>	
8625.00		165A
	<u>Clostridium Botulinum Type B Toxoid</u>	
8010.00		302
	<u>Clostridium Perfringens Type A Toxoid</u>	
8081.00		165A*303*
8081.01		303*
	<u>Clostridium Perfringens Type C Toxoid</u>	
8101.00		188
	<u>Clostridium Perfringens Type D Toxoid</u>	
8301.00		188 311
	<u>Clostridium Perfringens Type D-Tetanus Toxoid</u>	
8305.00		188
	<u>Clostridium Perfringens Types C & D Toxoid</u>	
8201.00		188 311
8201.01		124
8201.02		124
8201.03		124
	<u>Clostridium Perfringens Types C & D-Tetanus Toxoid</u>	
8304.00		124 188
	<u>Crotalus Atrox Toxoid</u>	
8900.00		407*
	<u>Mannheimia Haemolytica Toxoid</u>	
8699.00		112
8699.01		112
	<u>Tetanus Toxoid</u>	
8601.00		124 188 286
8601.01		112
8601.03		112

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Miscellaneous

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
		*Conditional License					
	<u>Acemannan Immunostimulant</u>						
9320.00		384					
	<u>Allergenic Extract</u>						
9521.00	House Dust	259	294	359			
9522.01	Mixed Ragweed	259	294	359			
9522.02	Mixed Trees	259	294	359			
9522.03	Mixed Grasses	259	294	359			
9522.04	Mixed Weeds	259	294	359			
9523.00	Mixed Molds	259	294	359			
9524.00	Mixed Inhalants	259	294	359			
9525.00	Flea Antigen	294	359				
9527.00	Mixed Epidermals	259	294	359			
9528.00	Mixed Insects	259	294	359			
9529.00	Mixed Foods	294					
9531.00	Prescription Product	259	294	321	359	403	622
		627	643				
9540.00	Pythium Insidiosum	359					
95A1.00	Mixed Mites	359					
95B1.00	Human Hair	359					
	<u>Bacterial Immunomodulator</u>						
9200.00	Killed Bacteria	606*					
	<u>Canine Gonadotropin Releasing Factor Immunotherapeutic</u>						
9220.00		189*					
	<u>Caprine Serum Fraction Immunomodulator</u>						
9360.00		188					
	<u>Lymphocyte T-Cell Immunomodulator</u>						
9410.00		598*					
	<u>Mycobacterium Cell Wall Fraction Immunostimulant</u>						
9300.00		289					
9300.02		289					

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Miscellaneous

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u> *Conditional License
9300.01	<u>Mycobacterium Cell Wall Immunostimulant</u>	289
9330.00	<u>Parapox Ovis Virus Immunomodulator</u>	189C
9350.00	<u>Propionibacterium Acnes Immunostimulant</u>	302
9400.00	<u>Rubeola Virus Immunomodulator</u>	385*
9355.00	<u>Staphylococcus Aureus Phage Lysate</u>	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>
		*Conditional License
	<u>Autogenous Virus</u>	
A015.20	Killed Virus	455 597
	<u>Avian Encephalomyelitis Virus</u>	
A051.10	Live Virus	196
	<u>Avian Reovirus</u>	
A045.02	Killed Virus	196
	<u>Avian Reovirus Inactivated Bulk Fluids</u>	
A045.00		286
A045.01		286
	<u>Bordetella Avium</u>	
A021.00	Avirulent Live Culture	165A
A021.01	Avirulent Live Culture	165A
	<u>Bovine Coronavirus</u>	
A931.26	Modified Live Virus	189
	<u>Bovine Parainfluenza 3 Virus</u>	
A841.20	Modified Live Virus	189
A841.22	Modified Live Virus	189
	<u>Bovine Respiratory Syncytial Virus</u>	
A091.20	Modified Live Virus	189 213
A091.22	Modified Live Virus	189
	<u>Bovine Rhinotracheitis Virus</u>	
A101.20	Modified Live Virus	189 213
A101.23	Modified Live Virus	189
A105.21	Killed Virus	189

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
			*Conditional License
<u>Bovine Virus Diarrhea Virus</u>			
A201.20	Modified Live Virus	213	
A205.20	Killed Virus	189	
A205.21	Killed Virus	189	
A205.22	Killed Virus	189	
A205.23	Killed Virus	189	
A205.24	Killed Virus	189	
A205.25	Killed Virus	189	
<u>Bronchitis Virus</u>			
A231.12	Mass Type, Live Virus	279	
A235.10	Mass Type, Killed Virus	286	368
A235.15	Mass & Ark Types, Killed Virus	196	
A235.16	Mass Type, Killed Virus	196	
<u>Bursal Disease Vaccine</u>			
A271.13	Live Virus	286	
<u>Bursal Disease Virus</u>			
A271.00	Live Virus	165A	344
A271.12	Live Virus	279	286
A271.21	Live Virus	165A	
A275.00	Killed Virus	286	
A275.11	Killed Virus	286	
A2B1.4A	Live Virus	344	
A2B9.40	Variant, Live Virus	344	415
A2B9.42	Live Variant	415	
A2B9.43	Live Variant	415	
A3B1.00	Live Virus	415	
A3B1.02	Live Virus	415	
<u>Canine Adenovirus Type 2</u>			
A2T1.20	Modified Live Virus	286	
A2T1.21	Modified Live Virus	286	
A341.21	Modified Live Virus	189	

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
		*Conditional License	
	<u>Canine Coronavirus Vaccine</u>		
A4P5.20	Killed Virus	292	
	<u>Canine Distemper Virus</u>		
A301.20	Modified Live Virus	189	286
	<u>Canine Parainfluenza</u>		
A421.20	Modified Live Virus	189	286
	<u>Canine Parvovirus</u>		
A8M1.23	Modified Live Virus	189	
	<u>Canine Parvovirus Antiserum</u>		
A8M0.00	Rabbit Origin	398	
	<u>Chlamydia Psittaci</u>		
A581.20	Modified Live Chlamydia	189	286
	<u>Encephalomyelitis Virus</u>		
A485.00	Venezuelan, Killed Virus	188	
	<u>Feline Calicivirus</u>		
A5C1.20	Modified Live Virus	189	286
	<u>Feline Infectious Peritonitis Virus</u>		
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	<u>Feline Leukemia Vaccine</u>		
A555.21	Killed Virus	189	
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A561.20	Modified Live Virus	286	
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	<u>Feline Rhinotracheitis Virus</u>		
A6A1.20	Modified Live Virus	189	286

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
			*Conditional License
<u>Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine</u>			
A6E8.20	Modified Live Virus, Modified Live Chlamydia	298	
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A601.01	Modified Live Virus	165A	
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A621.10	Live Virus	279	
<u>Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u>			
A861.00	Avirulent Live Culture	286	
<u>Marek's Disease Virus</u>			
A651.01	Serotypes 2 & 3, Live Virus	279	
<u>Mink Distemper Virus</u>			
A451.02	Modified Live Virus	213	
<u>Mink Enteritis Virus</u>			
A685.20	Killed Virus	213	
A685.21	Killed Virus	213	
<u>Neospora Caninum</u>			
AN15.20	Killed Protozoa	286	
<u>Newcastle Disease Virus</u>			
A705.10	B1 Type, LaSota Strain, Killed Virus	286	368
A705.11	B1 Type, LaSota Strain, Killed Virus	196	
A711.11	B1 Type, B1 Strain, Live Virus	279	
<u>Parvovirus Vaccine</u>			
A8M1.20	Modified Live Virus	286	292
A8M1.21	Modified Live Virus	189	
<u>Pasteurella Multocida</u>			
A871.01	Avirulent Live Culture, Avian Isolates	368	
<u>Pseudorabies Virus</u>			
A895.R1	Killed Virus	286	

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>Rabies Vaccine</u>	
A901.R0	Live Vaccinia Vector	298
	<u>Rabies Virus</u>	
A905.20	Killed Virus	286
	<u>Rubeola Virus</u>	
A661.00		3
	<u>Salmonella Choleraesuis</u>	
A9A1.00	Avirulent Live Culture	124
	<u>Swine Influenza Virus</u>	
A9A6.10	H1N1, Live Virus	196
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A951.02	Modified Live Virus	286
A951.10	Modified Live Virus	286

*Conditional License

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Bacterins And Bacterial Extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Actinobacillus Pleuropneumoniae</u>	
B657.00	Killed Culture	301
	<u>Actinobacillus Pleuropneumoniae Bacterin</u>	
B657.01		301
	<u>Autogenous Killed Culture</u>	
B051.00		455
	<u>Campylobacter Fetus</u>	
B862.00	Killed Culture	286
	<u>Clostridium Chauvoei</u>	
B250.00	Killed Culture	311
	<u>Edwardsiella Ictaluri Bacterin</u>	
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	<u>Ehrlichia Risticii</u>	
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	<u>Ehrlichia Risticii Bacterin</u>	
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	<u>Escherichia Coli Bacterin</u>	
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	<u>Haemophilus Paragallinarum</u>	
B658.00	Killed Culture	286
	<u>Leptospira Canicola</u>	
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	<u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona</u>	
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B665.01	Killed Culture	213
	<u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
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LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Bacterins And Bacterial Extracts

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		*Conditional License	
<u>Leptospira Hardjo Bacterin</u>			
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B66A.00	Killed Culture	189	286
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B772.00		355	
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<u>Porphyromonas Gulae</u>			
B755.00	Killed Culture	189	
<u>Porphyromonas Salivosa</u>			
B765.00	Killed Culture	189	
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B735.01	Killed Culture	213	
B735.02	Killed Culture	213	
B735.03	Killed Culture	213	
B735.04	Killed Culture	213	
B735.05	Killed Culture	213	
B735.06	Killed Culture	213	

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>Arcanobacterium Pyogenes-Escherichia Coli-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Antibody</u>	
C391.00	Bovine Origin	188
	<u>Bovine Coronavirus-Escherichia Coli Antibody</u>	
C6B5.00	Bovine Origin	409
	<u>Bovine IgG</u>	
C606.00		396 404A
	<u>Bursal Disease Antibody</u>	
C205.00	Chicken Origin	344
	<u>Equine IgG</u>	
C607.00		328 366 621
	<u>Escherichia Coli Antibody</u>	
C526.00	Bovine Origin	361
	<u>Mycoplasma Pulmonis-Rodent Coronavirus-Sendai Virus Antibody Test Kit</u>	
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	<u>Newcastle Disease Virus Antibody</u>	
C710.00	Chicken Origin	344

*Conditional License

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Vaccines With Bacterins/Bacterial Extracts/Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Autogenous Virus-Autogenous Killed Culture</u>	
D500.20	Killed Virus	455
	<u>Encephalomyelitis-Influenza Vaccine-Tetanus Toxoid</u>	
D835.44	Eastern & Western, Killed Virus	286
	<u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
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D8C5.21	Killed Virus	303
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D905.20	Killed Virus	298

*Conditional License

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>Aleutian Disease Virus Counter-electrophoresis Antigen</u>	
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	<u>Avian Reovirus</u>	
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	<u>Bronchitis Virus</u>	
E231.11	Mass Type, Live Virus	196
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	<u>Bursal Disease Virus</u>	
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E271.10	Live Virus	196
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E018.05		312C 430
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	<u>Canine Heartworm Monoclonal Antibody</u>	
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*Conditional License

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>
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E024.05		312C 430
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	<u>Feline Heartworm Antibody Test Kit</u>	
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	<u>Feline Leukemia Virus Antigen Test Kit</u>	
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E028.01		312
	<u>Feline Leukemia Virus Monoclonal Antibody</u>	
E028.00		312
	<u>Giardia Antigen Test Kit</u>	
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	<u>Mycobacterium Bovis Gamma Interferon Test Kit</u>	
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	<u>Mycoplasma Meleagridis</u>	
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	<u>Newcastle Disease Virus</u>	
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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>
		*Conditional License
	<u>Bordetella Bronchiseptica-Clostridium Perfringens Type C-Erysipelothrix Rhusiopathiae-Escherichia Coli-Pasteurella Multocida Bacterin-Toxoid</u>	
G052.00		303
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Pasteurella Multocida Bacterin-Toxoid</u>	
G054.00		124
	<u>Clostridium Botulinum Type C</u>	
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G680.00	Killed Culture	311
	<u>Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>	
G890.00		303
	<u>Mannheimia Haemolytica Bacterin-Toxoid</u>	
G905.00		189
	<u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
G935.00		315

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Toxoids

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<small>*Conditional License</small>
	<u>Clostridium Perfringens Type A Toxoid</u>	
H081.00		311
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For Further Manufacture: Miscellaneous

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		*Conditional License
	<u>Canine Gonadotropin Releasing Factor Immunotherapeutic</u>	
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SALMONELLA CHOLERAESUIS	51	60	99							
SALMONELLA DUBLIN	51	60	91							

