

**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 2008

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, antiserums, vaccines with bacterin-toxoids, and diagnostics.

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

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

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

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

Error 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 http://www.aphis.usda.gov/animal_health/vet_biologics/. This site provides access to Policy, Evaluation, and Licensing program information.

TABLE OF CONTENTS

| | |
|-----------|-----------------------------------------------------------------------------|
| 1 - 6 | Alphabetical Listing of Licensees - Subsidiaries - Divisions |
| 7 - 24 | Numerical Listing of Establishments |
| 25 - 50 | Vaccines |
| 51 - 59 | Bacterins And Bacterial Extracts |
| 60 - 61 | Antibody Products |
| 62 - 75 | Vaccines With Bacterins/Bacterial Extracts/Toxoids |
| 76 - 83 | Diagnostic Products |
| 84 | Antitoxins |
| 85 - 88 | Bacterin-Toxoids |
| 89 | Toxoids |
| 90 - 91 | Miscellaneous |
| 92 - 95 | For Further Manufacture: Vaccines |
| 96 - 97 | For Further Manufacture: Bacterins And Bacterial Extracts |
| 98 | For Further Manufacture: Antibody Products |
| 99 | For Further Manufacture: Vaccines With Bacterins/Bacterial Extracts/Toxoids |
| 100 - 101 | For Further Manufacture: Diagnostic Products |
| 102 | For Further Manufacture: Antitoxins |
| 103 | For Further Manufacture: Bacterin-Toxoids |
| 104 | For Further Manufacture: Toxoids |
| 105 | For Further Manufacture: Miscellaneous |
| | Index of Product Components |

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

| | <u>License Number</u> |
|------------------------------------------|-----------------------|
| A. M. Biotechniques, Inc. | 286 |
| Abbott Laboratories | 460 |
| Addison Biological Laboratory, Inc. | 355 |
| Affinitech, LTD | 450 |
| ALK-Abello, Inc. | 259 |
| Allergy Laboratories, Inc. | 629 |
| 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 |
| Biocor Animal Health Inc. | 189 |
| Biomune Co. | 368 |

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

| | <u>License Number</u> |
|------------------------------------------------|-----------------------|
| Bioniche Animal Health USA, Inc. | 289 |
| Bioniche Animal Health USA, Inc. (Permittee) | 289B |
| 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 |
| Carrington Laboratories, Inc. (Permittee) | 384A |
| CAVL | 364 |
| Central Biomedica, Inc. | 328 |
| Charles River Laboratories, Inc. | 344 |
| Charles River Laboratories, Inc. (Permittee) | 344A |
| Chembio Diagnostic Systems, Inc. | 645 |
| 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 |
| Diagnostic Chemicals Limited (USA) (Permittee) | 610 |
| Diamond Animal Health, Inc. | 213 |

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

| | <u>License Number</u> |
|-----------------------------------------------|-----------------------|
| Dow Agrosciences, LLC | 642 |
| Embrex, Inc. | 189 |
| Empire Veterinary Company | 188 |
| Epitopix, LLC | 365 |
| Eudaemonic Corporation | 385 |
| 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 |
| Immuno-Dynamics, Inc. | 379 |
| Immunovet | 302 |
| Immvac, Inc. | 345 |
| Imu-Tek Animal Health Inc. | 395 |
| International Duck Research Cooperative, Inc. | 268 |
| International Immunology Corp. | 361 |
| International, Inc. | 188 |

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

| | <u>License Number</u> |
|--------------------------------------------------------|-----------------------|
| Intervet Inc. (Permittee) | 286A |
| Intervet, Inc. | 286 |
| 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 |
| Maine BioTek, Inc. (Permittee) | 630A |
| Medical Packaging Corporation | 607 |
| Merial Select, Inc. | 279 |
| Merial, Inc. | 298 |
| Meridian Life Science, Inc. | 320 |
| Metropolitan Medical Company | 188 |
| Mg Biologics, Inc. | 614 |
| Modern Veterinary Therapeutics, LLC (Permittee) | 544A |
| MVP Laboratories, Inc. | 301 |
| 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 |

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

| | <u>License Number</u> |
|-------------------------------------------|-----------------------|
| PerOs USA Inc. | 419 |
| Pet Allergy Laboratory | 643 |
| Pfizer Animal Health | 189 |
| Pfizer Animal Health (Permittee) | 189A 189D |
| Pierce Biotechnology, Inc. | 625 |
| Plasvacc USA, Inc. | 360 |
| Poultry Health Laboratories | 357 |
| PP Manufacturing Corporation | 317 |
| Prion Developmental Laboratories, Inc. | 632 |
| Prionics USA, Inc. (Permittee) | 582A |
| Procor Technologies | 370 |
| Professional Biological Company | 188 |
| ProtaTek International, Inc. | 329 |
| Quad Five | 366 |
| Quadraspec, Inc. | 583 |
| Quidel Corporation | 445 |
| Research Biogenics Inc. | 346 |
| SA Scientific, Inc | 373 |
| Safepath Laboratories | 430 |
| Schering-Plough Animal Health (Permittee) | 311 |
| Schering-Plough Animal Health Corporation | 107 165A 226 |
| Sera, Inc. | 328 |
| SolidTech Animal Health, Inc. | 604 |

ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

| | <u>License Number</u> |
|----------------------------------------------------|-----------------------|
| Spectrum Labs, Inc | 403 |
| Strategic Biosolutions | 398 |
| Swine Health Laboratories | 357 |
| Synbiotics Corporation | 312 |
| 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 |
| Vetbio, Inc. | 290 |
| Vetech Laboratories Of Buffalo (Permittee) | 374 |
| Veterinary Allergy Reference Laboratory | 622 |
| Veterinary Diagnostic Technology, Inc. | 336 |
| Viridus Animal Health, LLC | 605 |
| VMRD, Inc. | 332 |

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

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
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

Schering-Plough Animal Health Corporation

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

Type: Licensee

165A

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE
NUMBER

Colorado Serum Company

188

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

Mail: Colorado Serum Company
4950 York Street
P.O. Box 16428
Denver, CO 80216-0428

Type: Licensee

Pfizer Inc.

189

Divisions: Pfizer Animal Health
Subsidiaries: Biocor Animal Health Inc.
Embrex, Inc.

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

Type: Licensee

Pfizer, Inc.

189A

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

Type: Permittee

Pfizer Animal Health

189D

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

Type: Permittee

Lohmann Animal Health International

196

Mail: Lohmann Animal Health International
375 China Road
Winslow, ME 04901

Type: Licensee

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE
NUMBER

Heska Corporation

Subsidiaries: Diamond Animal Health, Inc.

Mail: Diamond Animal Health, Inc.
2538 SE 43rd Street
Des Moines, IA 50327-1538

Type: Licensee

213

Schering-Plough Animal Health Corporation

Subsidiaries: American Scientific Laboratories, Inc.

Mail: Schering-Plough Animal Health Corporation
Route 113, P.O. Box 537
Millsboro, DE 19966

Type: Licensee

226

United Vaccines, Inc.

Mail: United Vaccines, Inc.
2919 Commerce Park Drive
Madison, WI 53719

Type: Licensee

245

ALK-Abello, Inc.

Mail: ALK-Abello, Inc.
35 Channel Drive
Port Washington, NY 11050

Type: Licensee

259

International Duck Research Cooperative, Inc.

Mail: International Duck Research Cooperative, Inc.
P.O. Box 217
Eastport, NY 11941

Type: Licensee

268

Merial, Inc.

Subsidiaries: Merial Select, Inc.

Mail: Merial Select, Inc.
P.O. Drawer 2497
Gainesville, GA 30503-2497

Type: Licensee

279

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 620 Leshner Place Lansing, MI 48912 | |
| <i>Type:</i> Licensee | |

NUMERICAL LISTING OF ESTABLISHMENTS

| | <u>LICENSE NUMBER</u> |
|--------------------------------------------------------------------------------------------------|---------------------------|
| Novartis Animal Health US, Inc. | 303 |
| <i>Mail:</i> Novartis Animal Health US, Inc. 1447 140th Street Larchwood, IA 51241-9778 | |
| <i>Type:</i> Licensee | |
| Novartis Animal Health US, Inc | 303A |
| <i>Mail:</i> Novartis Animal Health US, Inc 1447 140th Street Larchwood, IA 51241-9778 | |
| <i>Type:</i> Permittee | |
| Schering-Plough Animal Health Corp. | 311 |
| <i>Mail:</i> Schering-Plough Animal Health P.O. Box 3113 Omaha, NE 68103 | |
| <i>Type:</i> Permittee | |
| Synbiotics Corporation | 312 |
| <i>Mail:</i> Synbiotics Corporation 16420 Via Esprillo San Diego, CA 92127 | |
| <i>Type:</i> Licensee | |
| Synbiotics Corporation | 312B |
| <i>Mail:</i> Synbiotics Corporation (Europe/France) 16420 Via Esprillo San Diego, CA 92127 | |
| <i>Type:</i> Permittee | |
| Synbiotics Corporation | 312C |
| <i>Mail:</i> Synbiotics Corporation (Mexico) 16420 Via Esprillo San Diego, CA 92127 | |
| <i>Type:</i> Permittee | |
| IDEXX Laboratories, Inc. | 313 |
| <i>Mail:</i> IDEXX Laboratories, Inc. One IDEXX Drive Westbrook, ME 04092 | |
| <i>Type:</i> Licensee | |

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

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.

Mail: Meridian Life Science, Inc.
5171 Wilfong Road
Memphis, TN 38134

Type: Licensee

320

Vetazyme Corporation

Mail: Vetazyme Corporation
3252 South Fair Lane
Tempe, AZ 85282-3120

Type: Licensee

321

Idetek, Inc.

Mail: Idetek, Inc.
1057 Sneath Lane
San Bruno, CA 94066

Type: Licensee

325

Immucell Corporation

Mail: Immucell Corporation
56 Evergreen Drive
Portland, ME 04103

Type: Licensee

327

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE
NUMBER

Central Biomedica, Inc.

Subsidiaries: Sera, Inc.

Mail: Central Biomedica, Inc.
Sera, Inc.
P. O. Box 15866
Shawnee Mission, KS 66285-5866

Type: Licensee

328

ProtaTek International, Inc.

Mail: ProtaTek International, Inc.
2635 University Avenue West
Suite 140
St. Paul, MN 55114

Type: Licensee

329

Inverness Medical Innovations

Subsidiaries: Binax, Inc.

Mail: Binax, Inc.
10 Southgate Road
Scarborough, ME 04074

Type: Licensee

330

VMRD, Inc.

Mail: VMRD, Inc.
P.O. Box 502
4641 Pullman-Albion Road
Pullman, WA 99163

Type: Licensee

332

Veterinary Diagnostic Technology, Inc.

Mail: Veterinary Diagnostic Technology, Inc.
4890 Van Gordon St.
Suite 101
Wheat Ridge, CO 80033

Type: Licensee

336

Arko Laboratories Ltd.

Subsidiaries: Biovet Inc.

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

Type: Licensee

337

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

Delmont Laboratories, Inc.

Mail: Delmont Laboratories, Inc.
P.O. Box 269
Swarthmore, PA 19081

Type: Licensee

339

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

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE
NUMBER

Addison Biological Laboratory, Inc.

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

Type: Licensee

355

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

NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE
NUMBER

Walco International Inc.

Divisions: CAVL

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

Type: Licensee

364

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

NUMERICAL LISTING OF ESTABLISHMENTS

| | <u>LICENSE NUMBER</u> |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------|
| Immuno-Dynamics, Inc. | 379 |
| <i>Mail:</i> Immuno-Dynamics, Inc. 1800 Dodge Street Fennimore, WI 53809 | |
| <i>Type:</i> Licensee | |
| Carrington Laboratories, Inc. | 384 |
| <i>Mail:</i> Carrington Laboratories, Inc. 2001 Walnut Hill Lane Irving, TX 75038 | |
| <i>Type:</i> Licensee | |
| Carrington Laboratories, Inc. | 384A |
| <i>Mail:</i> Carrington Laboratories, Inc. 2001 Walnut Hill Lane Irving, TX 75038-4404 | |
| <i>Type:</i> Permittee | |
| Eudaemonic Corporation | 385 |
| <i>Mail:</i> Eudaemonic Corporation 7031 North 16th Street Omaha, NE 68112 | |
| <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 | |

NUMERICAL LISTING OF ESTABLISHMENTS

| | <u>LICENSE NUMBER</u> |
|---------------------------------------------------------------------------------------------|---------------------------|
| Strategic Diagnostics, Inc. | 398 |
| <i>Divisions:</i> Strategic Biosolutions | |
| <i>Mail:</i> Strategic Biosolutions 52 Anderson Road Windham, ME 04062 | |
| <i>Type:</i> Licensee | |
| Spectrum Labs, Inc | 403 |
| <i>Mail:</i> Spectrum Labs, Inc 2143 East 5th Street Tempe, AZ 85281 | |
| <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 95776 | |
| <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 | |
| Kestrel, Inc. | 415 |
| <i>Mail:</i> Kestrel, Inc. 3350 Ashworth Road Waukeg, IA 50263 | |
| <i>Type:</i> Licensee | |
| PerOs USA Inc. | 419 |
| <i>Mail:</i> PerOs USA Inc. 540 West Industrial Lake Dr. Suite 4 Lincoln, NE 68528 | |
| <i>Type:</i> Licensee | |

NUMERICAL LISTING OF ESTABLISHMENTS

| | <u>LICENSE NUMBER</u> |
|---------------------------------------------------------------------------------------------------------------------|---------------------------|
| 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 | |
| Neotech, LLC | 472 |
| <i>Mail:</i> Neotech, LLC 10061 Highway 22 Dresden, TN 38225 | |
| <i>Type:</i> Licensee | |

NUMERICAL LISTING OF ESTABLISHMENTS

| | <u>LICENSE NUMBER</u> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <p>Modern Veterinary Therapeutics, LLC <i>Mail:</i> Modern Veterinary Therapeutics, LLC Kendar Executive Center 1550 Madruga Avenue, Suite 329 Coral Gables, FL 33146</p> <p><i>Type: Permittee</i></p> | 544A |
| <p>Prionics USA, Inc. <i>Mail:</i> Prionics USA, Inc. 9810 Hupp Drive La Vista, NE 68128</p> <p><i>Type: Permittee</i></p> | 582A |
| <p>Quadraspec, Inc. <i>Mail:</i> Quadraspec, Inc. 3000 Kent Avenue West Lafayette, IN 47906</p> <p><i>Type: Licensee</i></p> | 583 |
| <p>Hennessy Research Associates, LLC <i>Subsidiaries:</i> Genova Biologics, LLC</p> <p><i>Mail:</i> Hennessy Research Associates, LLC 12700 Johnson Drive Shawnee, KS 66216</p> <p><i>Type: Licensee</i></p> | 597 |
| <p>T-Cyte Therapeutics, Inc. <i>Mail:</i> T-Cyte Therapeutics, Inc. 41718 Eastman Drive Murrieta, CA 92562</p> <p><i>Type: Licensee</i></p> | 598 |
| <p>SolidTech Animal Health, Inc. <i>Mail:</i> SolidTech Animal Health, Inc. 812 NE 24th Street P.O. Box 790 Newcastle, OK 73065-0790</p> <p><i>Type: Licensee</i></p> | 604 |
| <p>Viridus Animal Health, LLC <i>Mail:</i> Viridus Animal Health, LLC 520 W. Industrial Lake Drive Lincoln, NE 68528</p> <p><i>Type: Licensee</i></p> | 605 |

NUMERICAL LISTING OF ESTABLISHMENTS

| | <u>LICENSE NUMBER</u> |
|-----------------------------------------------------------------------------------------------------------|---------------------------|
| Medical Packaging Corporation | 607 |
| <i>Mail:</i> Medical Packaging Corporation 941 Avenida Acaso Camarillo, CA 93012-8700 | |
| <i>Type:</i> Licensee | |
| Diagnostic Chemicals Limited (USA) | 610 |
| <i>Mail:</i> Diagnostic Chemicals Limited (USA) 160 Christian St Oxford, CT 06478 | |
| <i>Type:</i> Permittee | |
| Land O' Lakes | 612A |
| <i>Mail:</i> Land O' Lakes Animal Milk Products Company 1080 County Road F West Shoreview, MN 55126 | |
| <i>Type:</i> Permittee | |
| Mg Biologics, Inc. | 614 |
| <i>Mail:</i> Mg Biologics, Inc. 2366 270th Street Ames, IA 50014 | |
| <i>Type:</i> Licensee | |
| United Biomedical, Inc. | 620 |
| <i>Mail:</i> United Biomedical, Inc. 25 Davids Drive Hauppauge, NY 11788 | |
| <i>Type:</i> Licensee | |
| Sigma-Aldrich Corporation | 621 |
| <i>Divisions:</i> By-Prod/The Siris Group | |
| <i>Mail:</i> By-Prod/The Siris Group 1201 West Lincoln Avenue Caseyville, IL 62232 | |
| <i>Type:</i> Licensee | |
| Veterinary Allergy Reference Laboratory | 622 |
| <i>Mail:</i> Veterinary Allergy Reference Laboratory P.O. Box 41059 Pasadena, CA 91114 | |
| <i>Type:</i> Licensee | |

NUMERICAL LISTING OF ESTABLISHMENTS

| | <u>LICENSE NUMBER</u> |
|-----------------------------------------------------------------------------------------------------------|---------------------------|
| 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 | |
| Allergy Laboratories, Inc. | 629 |
| <i>Mail:</i> Allergy Laboratories, Inc. 1005 SW 2nd Street Oklahoma City, OK 73109 | |
| <i>Type:</i> Licensee | |
| Maine BioTek, Inc. | 630A |
| <i>Mail:</i> Maine BioTek, Inc. P.O. Box 408 259 Main Street Winterport, ME 04496 | |
| <i>Type:</i> Permittee | |
| Prion Developmental Laboratories, Inc. | 632 |
| <i>Mail:</i> Prion Developmental Laboratories, Inc. 900 Asbury Drive Buffalo Grove, IL 60089 | |
| <i>Type:</i> Licensee | |
| Dow Agrosiences, LLC | 642 |
| <i>Mail:</i> Dow Agrosiences, LLC 9330 Zionsville Road Indianapolis, IN 46268 | |
| <i>Type:</i> Licensee | |

NUMERICAL LISTING OF ESTABLISHMENTS

| | <u>LICENSE NUMBER</u> |
|-----------------------------------------------------------------------------------------------|---------------------------|
| Pet Allergy Laboratory | 643 |
| <i>Mail:</i> Pet Allergy Laboratory 13581 Pond Springs Road, Suite 303 Austin, TX 78729 | |
| <i>Type:</i> Licensee | |
| Tetracore, Inc. | 644 |
| <i>Mail:</i> Tetracore, Inc. 9901 Belward Campus Drive, Suite 300 Rockville, MD 20850 | |
| <i>Type:</i> Licensee | |
| Chembio Diagnostic Systems, Inc. | 645 |
| <i>Mail:</i> Chembio Diagnostic Systems, Inc. 3661 Horseblock Road Medford, NY 11763 | |
| <i>Type:</i> 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 | | | | | |
| <u>Autogenous Vaccine</u> | | | | | | | |
| 1015.00 | Killed Virus | 279 285 368 | | | | | |
| 1015.10 | Killed Virus | 112 196 286 368 | | | | | |
| 1015.20 | Killed Virus | 112 213 245 290 301 303 337 455 | | | | | |
| 1015.21 | Killed Virus | 301 | | | | | |
| 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 | Live Fowl Pox Vector, 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> | |
| 1057.14 | H5N9 Subtype, Killed Virus | 368 |
| 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* 368* |
| 10F5.11 | H5N9 Subtype, Killed Virus | 112* |
| 10F5.12 | H7N2 Subtype, Killed Virus | 112* 368* |
| 10F5.13 | H7N3 Subtype, Killed Virus | 112* 368* |
| | <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 |

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 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 | | | |
| <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 | | |
| 1095.20 | Killed Virus | 124 | 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 | 286 | | | |
| 1101.B0 | Modified Live Virus | 604 | | | |
| 1105.20 | Killed Virus | 213 | | | |

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 Vaccine</u> | | | | | |
| 1121.00 | Modified Live Virus | 188 | 213 | | |
| 1121.20 | Modified Live Virus | 124 | 213 | 298 | 303 |
| 1121.21 | Modified Live Virus | 189 | | | |
| 1121.24 | Modified Live Virus | 189 | | | |
| 1121.31 | Modified Live Virus | 165A | | | |
| <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 |
| 1151.22 | Modified Live Virus | 124 | 189 | 286 | |
| 1151.23 | Modified Live Virus | 124 | | | |
| 1151.26 | Modified Live Virus | 189 | | | |
| 1155.20 | Killed Virus | 213 | 303 | | |
| 1155.30 | Killed Virus | 213 | | | |
| <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 | | | |
| 1171.22 | Modified Live Virus | 165A | 189 | | |
| 1171.24 | 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 | 303 | | | |

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 | 124 189 |
| 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 | 124 298 303 |
| 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 | 298 |
| 1187.25 | Modified Live & Killed Virus | 189 |
| 1189.00 | Modified Live & Killed Virus | 213 |
| 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> | | |
| 11A8.22 | 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 |
| 11A1.26 | Modified Live Virus | 189 |
| 11A1.30 | Modified Live Virus | 213 |
| 11A5.20 | Killed Virus | 298 |
| <u>Bovine Rotavirus-Coronavirus Vaccine</u> | | |
| 1931.20 | Modified Live Virus | 189 |
| 1935.20 | Killed Virus | 303 |

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 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 | | |
| 1205.21 | Killed Virus | 112 | 189 | 303 | |
| 1205.22 | Killed Virus | 112 | | | |
| 1205.25 | Killed Virus | 189 | | | |
| <u>Bovine Virus Diarrhea-Respiratory Syncytial Virus Vaccine</u> | | | | | |
| 12A5.20 | Killed Virus | 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 | 286 | | |
| 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 | | | |
| 1231.1G | Mass & Conn Types, Live Virus | 286 | | | |
| 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 | | |
| 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 | | | | |
| 1275.02 | Killed Virus | 196 | | | | |
| 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, Live Virus | 279 | | | | |
| 12B5.01 | Standard & Variant, Killed Virus | 196 | | | | |
| 12B5.40 | Standard & Variant, Killed Virus | 279 | 368 | | | |
| 12B5.41 | Standard & Variant, Killed Virus | 286 | 368 | | | |
| 12B5.4A | Standard & Variant, Killed Virus | 196 | | | | |
| 12L1.00 | Variant, Live Virus | 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>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 | |
| 12C8.42 | 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 | |
| 1A82.50 | Serotype 3, Live Virus | 112 | |
| 1A88.R0 | Serotype 3, Live Marek's Disease Vector | 279 | 368 |
| 1A88.R1 | Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector | 368 | |
| 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 | |
| 12G5.11 | Killed Virus | 286 | |
| 12G5.41 | Standard & Variant, Killed Virus | 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 | |
| 12J5.43 | Mass Type, Killed Virus | 196 | |
| 12J5.60 | Standard & Variant, Mass Type, Killed Virus | 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 | 368 |
| 12M5.01 | Standard & Variant, Mass Type, Killed Virus | 196 | 286 368 |
| 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 | 368 |
| 12P5.41 | Standard & Variant, Killed Virus | 286 | 368 |
| 12P5.42 | Killed Virus | 368 | |
| 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 | 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.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 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-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 | | | |
| 14R7.29 | Modified Live & Killed Virus | 112 | | | |
| <u>Canine Distemper Vaccine</u> | | | | | |
| 1301.20 | Modified Live Virus | 165A | 472 | | |
| <u>Canine Distemper-Adenovirus Type 2 Vaccine</u> | | | | | |
| 13A1.20 | Modified Live Virus | 189 | 286 | 472 | |
| 13A1.27 | 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> |
|-----------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------|
| <u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine</u> | | |
| 1591.R1 | Modified Live Virus; Canarypox Vector | 298 |
| 1599.20 | Modified Live & Killed Virus | 165A 189 286 |
| 1599.21 | Modified Live & Killed Virus | 112 189 |
| 1599.25 | Modified Live & Killed Virus | 112 |
| 1599.29 | Modified Live & Killed Virus | 112 |
| <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 | 124 189 |
| <u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine</u> | | |
| 13D1.20 | Modified Live Virus | 165A 286 |
| 13D1.21 | Modified Live Virus | 112 124 189 |
| 13D1.22 | Modified Live Virus | 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.R1 | Modified Live Virus, Canarypox Vector | 298 |
| 13D1.T0 | Modified Live Virus | 112 |
| <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 |

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-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 | |
| <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 | |
| <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 | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> | |
|---------------------------------------------------------|----------------------------------------------|----------------------------------|-----|
| | | *Conditional License | |
| <u>Coccidiosis Vaccine</u> | | | |
| 1431.50 | Live Oocysts | 226 | 374 |
| 1431.51 | Live Oocysts | 226 | 279 |
| 1431.55 | Live Oocysts, Chicken Isolates | 189 | 226 |
| 1431.56 | Live Oocysts | 374 | |
| 1431.57 | Live Oocysts | 189 | |
| 1431.58 | Live Oocysts | 286 | 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 |
| 1485.22 | Eastern & Venezuelan, Killed Virus | 107 | |
| 1485.23 | Eastern & Western & Venezuelan, Killed Virus | 107 | |
| <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 | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> | | |
|---------------------------------------------------------|------------------------------|----------------------------------|-----|-----|
| | | *Conditional License | | |
| <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 | | |
| 1505.24 | Killed Virus | 112 | | |
| 1505.25 | Killed Virus | 112 | | |
| 1505.28 | Killed Virus | 124 | | |
| <u>Equine Rhinopneumonitis Vaccine</u> | | | | |
| 1521.20 | Modified Live Virus | 189 | | |
| 1525.20 | Killed Virus | 124 | | |
| 1525.21 | Killed Virus | 112 | 286 | |
| 1525.22 | Killed Virus | 286 | | |
| 1525.24 | Killed Virus | 112 | | |
| <u>Equine Rhinopneumonitis-Influenza Vaccine</u> | | | | |
| 1515.20 | Killed Virus | 124 | | |
| 1515.24 | Killed Virus | 112 | 286 | |
| 1515.26 | Killed Virus | 112 | | |
| 1515.27 | Killed Virus | 112 | | |
| 1515.2A | Killed Virus | 124 | | |
| 1518.20 | Modified Live & Killed Virus | 189 | | |
| <u>Equine Rotavirus Vaccine</u> | | | | |
| 1E15.20 | Killed Virus | 112* | | |
| <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 | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|----------------------------------------------------------------------------|----------------------------------|
| | | *Conditional License |
| | <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.R0 | Subunit | 286 |
| 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-Rhinotracheitis-Calici-Panleukopenia Vaccine</u> | |
| 15B5.20 | Killed Virus | 112 |
| 15B9.20 | Modified Live & Killed Virus | 165A |
| 15B9.21 | 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>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 Panleukopenia Vaccine</u> | |
| 1561.00 | Modified Live Virus | 286 |
| 1561.20 | Modified Live Virus | 189 286 |
| 1561.21 | Modified Live Virus | 124 |
| 1561.23 | Modified Live Virus | 213 |
| 1565.20 | Killed Virus | 107 165A |
| | <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 | 298 |
| | <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 | 298 |
| 16D9.20 | Modified Live & Killed Virus | 107 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>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 | 298 | | | | |
| <u>Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine</u> | | | | | | |
| 1619.20 | Modified Live & Killed Virus, Modified Live Chlamydia | 298 | | | | |
| 1619.R1 | Modified Live Virus and Chlamydia, Canarypox Vector | 298 | | | | |
| <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 | 213 | | | |
| <u>Flavobacterium Columnare Vaccine</u> | | | | | | |
| 17F1.00 | Avirulent Live Culture | 286 | | | | |
| <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 | | | | |
| 1601.13 | Modified Live Virus | 226 | 286 | | | |
| 1601.14 | Modified Live Virus | 226 | | | | |
| <u>Fowl Laryngotracheitis-Marek's Disease Vaccine</u> | | | | | | |
| 16J1.R1 | Serotype 3, Live Marek's Disease Vector | 286 | | | | |
| <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 | | | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|--------------------------------------------------------------------|----------------------------------|
| | <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 |
| | <u>Lawsonia Intracellularis Vaccine</u> | |
| 10L1.00 | Avirulent Live Culture | 124 |
| 10L1.01 | Avirulent Live Culture | 124 |
| 10L1.02 | Avirulent Live Culture | 124 |
| | <u>Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u> | |
| 1861.01 | 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>Marek's Disease Vaccine</u> | | | | |
| 1631.00 | Serotype 2, Live Virus | 279 | 286 | 368 |
| 1631.02 | Serotype 2, Live Virus | 279 | | |
| 1631.R0 | Serotypes 1 & 3, Live Herpesvirus Chimera | 165A | | |
| 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 | | |
| 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 | | |
| 1651.05 | 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 |
| 16L1.05 | Serotypes 1 & 3, Live Virus | 196 | | |
| 16L1.08 | Serotypes 1 & 3, Live Virus | 286 | | |
| 16L1.09 | Serotype 1, Live Virus | 286 | | |
| <u>Marek's Disease-Newcastle Disease Vaccine</u> | | | | |
| 16N1.R0 | Serotype 3, Live Marek's Disease Vector | 368 | | |
| 17H1.R1 | Serotypes 2 & 3, Live Virus & Live Marek's Disease Vector | 368 | | |
| 17H1.R2 | Serotypes 2 & 3, Live Virus & Live Marek's Disease Vector | 286 | | |
| <u>Marek's Disease-Tenosynovitis Vaccine</u> | | | | |
| 16T1.00 | Serotypes 2 & 3, Live & Modified Live Virus | 279 | | |
| 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> | | | |
|------------------------------------------------|------------------------------------|----------------------------------|------|-----|-------------|
| | | *Conditional License | | | |
| <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 | | | |
| <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 |
| 1711.18 | 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 | 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 | | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|-------------------------------------------|----------------------------------|
| | <u>Newcastle Disease-Fowl Pox Vaccine</u> | |
| 17C1.R0 | Live Fowl Pox Vector | 279 368 |

*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-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 | | | |
| 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 | 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 | 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 | | | |
| 1XB1.10 | B1 Type, C2 Strain, Mass Type, Live Virus | 286 | | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> | | | | |
|-----------------------------------------------|---------------------------------------------------|----------------------------------|------|-----|-----|-----|
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| <u>Newcastle-Bronchitis Vaccine</u> | | | | | | |
| 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 | 124 | 286 | | |
| 18M1.22 | Modified Live Virus | 112 | 189 | 286 | 298 | |
| 18M1.23 | Modified Live Virus | 112 | 189 | | | |
| 18M1.25 | Modified Live Virus | 112 | | | | |
| 18M1.29 | Modified Live Virus | 112 | | | | |
| 18P5.20 | Killed Virus | 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 | | | |
| <u>Pigeon Pox Vaccine</u> | | | | | | |
| 1881.10 | Live Virus | 165A | 196 | 226 | 279 | 286 |
| 1881.12 | Live Virus | 196 | | | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

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|-----------------------------------------------------------------------|------------------------------------------------------|----------------------------------|------|-----|
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| <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 | 112 | 124 | |
| 19S1.21 | Respiratory 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 | | |
| <u>Porcine Rotavirus-Transmissible Gastroenteritis Vaccine</u> | | | | |
| 19H1.20 | Modified Live Virus | 286 | | |
| <u>Pseudorabies Vaccine</u> | | | | |
| 1891.20 | Modified Live Virus | 112 | 124 | 189 |
| 1891.22 | Modified Live Virus | 189 | | |
| 1891.R2 | Modified Live Virus | 165A | | |
| 1891.R4 | Modified Live Virus | 286 | | |
| 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> | | | |
|------------------------------------------------|---------------------------|----------------------------------|-----|-----|-----|
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| <u>Rabies Vaccine</u> | | | | | |
| 1901.R0 | Live Vaccinia Vector | 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 | 286 | 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>Streptococcus Equi Vaccine</u> | | | | | |
| 1831.00 | Live Culture | 112 | | | |
| <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 | |
| 19A5.23 | H1N1 & H3N2, Killed Virus | 189 | | | |
| 19A5.24 | H1N1 & H3N2, Killed Virus | 165A | 189 | | |
| 19A5.25 | H3N2, Killed Virus | 165A | | | |
| 19A5.26 | H1N1 & H3N2, Killed Virus | 189 | | | |
| 19A5.29 | H1N1 & H3N2, Killed Virus | 189 | | | |
| 19A5.42 | H1N1 & H3N2, Killed Virus | 165A | | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-----------------------------------------------------|-------------------------|----------------------------------|
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| <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> | | |
| 1961.20 | Modified Live 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> |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
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| | <u>Actinobacillus Pleuropneumoniae Bacterin</u> | |
| 2657.00 | | 112 301 |
| 2657.01 | | 303 |
| | <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 |
| 2035.01 | | 303A |
| 2035.02 | | 303A |
| | <u>Aeromonas Salmonicida-Moritella Viscosa-Vibrio Anguillarum-Salmonicida Bacterin</u> | |
| 2139.00 | | 285 630A |
| | <u>Aeromonas Salmonicida-Vibrio Anguillarum Bacterin</u> | |
| 2037.00 | | 285 |
| | <u>Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin</u> | |
| 2138.02 | | 303A |
| | <u>Aeromonas Salmonicida-Vibrio Anguillarum-Salmonicida Bacterin</u> | |
| 2137.00 | | 285 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins And Bacterial Extracts

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> | | | | | |
|-------------|-----------------------------------------------------------------------------------------------------|----------------------------------|------|-----|-----|-----|-----|
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| | <u>Autogenous Bacterial Extract</u> | | | | | | |
| 2052.00 | | 365 | | | | | |
| 2052.01 | | 365 | | | | | |
| | <u>Autogenous Bacterin</u> | | | | | | |
| 2051.00 | | 112 | 165A | 188 | 213 | 245 | 268 |
| | | 279 | 285 | 286 | 290 | 301 | 303 |
| | | 303A | 315 | 337 | 343 | 355 | 357 |
| | | 364 | 365 | 368 | 407 | 419 | 455 |
| | | 597 | | | | | |
| 2051.01 | | 419 | | | | | |
| 2051.04 | | 196 | | | | | |
| 2051.B0 | | 604 | | | | | |
| 2051.I0 | | 604 | | | | | |
| | <u>Bacteroides Nodosus Bacterin</u> | | | | | | |
| 2080.00 | | 311 | | | | | |
| | <u>Bordetella Bronchiseptica Bacterin</u> | | | | | | |
| 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>Brucella Suis Bacterin</u> | | | | | | |
| 2127.00 | | 455 | | | | | |
| | <u>Campylobacter Fetus Bacterin</u> | | | | | | |
| 2862.00 | | 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> | | | |
|-------------|----------------------------------------------------------------------------------------------------------------|----------------------------------|------|------|---------|
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| | <u>Campylobacter Fetus-jejuni Bacterin</u> | | | | |
| 2860.00 | | 407* | | | |
| 2861.00 | | 188 | | | |
| | <u>Campylobacter Fetus-jejuni-Chlamydia Psittaci Bacterin</u> | | | | |
| 2119.00 | | 188 | | | |
| | <u>Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | | | | |
| 2863.00 | | 124 | 188 | 303 | |
| 2863.01 | | 124 | 189 | 286 | 303 |
| 2863.02 | | 189 | | | |
| 2863.04 | | 189 | 303 | | |
| 2863.05 | | 303 | | | |
| 2863.07 | | 303 | | | |
| 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>Ehrlichia Risticii Bacterin</u> | | | | |
| 2639.00 | | 112 | 165A | 298 | 329 |
| | <u>Erysipelothrix Rhusiopathiae Bacterin</u> | | | | |
| 2641.00 | | 188 | 286 | 303 | 329 |
| 2641.01 | | 112 | 124 | 165A | 189 303 |
| 2641.02 | | 112 | 165A | 189 | 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> |
|-------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
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| | <u>Erysipelothrix Rhusiopathiae-Haemophilus Parasuis Bacterin</u> | |
| 2646.00 | | 124 |
| 2646.01 | | 124 |
| | <u>Erysipelothrix Rhusiopathiae-Haemophilus Parasuis-Mycoplasma Hyopneumoniae Bacterin</u> | |
| 2A46.00 | | 286 |
| | <u>Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 2543.00 | | 112 |
| | <u>Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 2642.00 | | 189 303 |
| 2642.01 | | 189 |
| 2642.02 | | 189 |
| | <u>Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u> | |
| 2A41.00 | | 165A 189 286 |
| 2A41.01 | | 165A 189 |
| | <u>Escherichia Coli Bacterin</u> | |
| 2648.00 | | 303 357 |
| 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-Riemerella Anatipestifer Bacterin</u> | |
| 2850.00 | | 268 |
| | <u>Flavobacterium Columnare Bacterin</u> | |
| 2974.00 | | 303A |
| | <u>Fusobacterium Necrophorum Bacterin</u> | |
| 2556.00 | | 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> | | | | |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------|------|-----|-----|
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| | <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 | | 303 | | | | |
| | <u>Haemophilus Somnus-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | | | | | |
| 2664.00 | | 124 | | | | |
| 2664.01 | | 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> | | | | | |
|-------------|----------------------------------------------------------------------------------------------|----------------------------------|------|-----|-----|-----|-----|
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| | <u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | | | | | | |
| 2665.00 | | 124 | 213 | 298 | 303 | | |
| 2665.01 | | 112 | 165A | 188 | 189 | 286 | 303 |
| 2665.02 | | 112 | 189 | | | | |
| 2665.03 | | 189 | | | | | |
| 2665.04 | | 189 | 303 | | | | |
| 2665.06 | | 303 | | | | | |
| 2665.07 | | 303 | | | | | |
| | <u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u> | | | | | | |
| 2668.05 | | 112 | | | | | |
| | <u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin</u> | | | | | | |
| 2668.00 | | 189 | | | | | |
| | <u>Leptospira Canicola-Icterohaemorrhagiae Bacterial Extract</u> | | | | | | |
| 2671.05 | | 112 | | | | | |
| | <u>Leptospira Canicola-Icterohaemorrhagiae Bacterin</u> | | | | | | |
| 2671.00 | | 112 | 188 | 189 | 286 | | |
| 2671.01 | | 298 | | | | | |
| | <u>Leptospira Grippotyphosa Bacterin</u> | | | | | | |
| 2675.00 | | 188 | | | | | |
| | <u>Leptospira Grippotyphosa-Hardjo-Pomona Bacterin</u> | | | | | | |
| 2681.00 | | 188 | | | | | |
| | <u>Leptospira Hardjo Bacterin</u> | | | | | | |
| 26M7.01 | | 189 | 189A | | | | |
| 26M7.02 | | 189 | | | | | |
| | <u>Leptospira Hardjo-Pomona Bacterin</u> | | | | | | |
| 26M1.00 | | 112 | | | | | |
| | <u>Leptospira Icterohaemorrhagiae Bacterin</u> | | | | | | |
| 2874.00 | | 189 | | | | | |
| | <u>Leptospira Pomona Bacterin</u> | | | | | | |
| 2691.00 | | 124 | 188 | 189 | 213 | 298 | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins And Bacterial Extracts

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> | | | | |
|---------------------------------------------------------------------|-----------------------------------------|----------------------------------|-----|------|-----|---------|
| | | *Conditional License | | | | |
| <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 | 368 | | | |
| <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 | 124 | 286 | 298 | 329 |
| 2775.03 | | 112 | 298 | 455 | | |
| <u>Mycoplasma Synoviae Bacterin</u> | | | | | | |
| 2776.00 | | 112 | | | | |
| <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 | | | | |

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>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 | | |
| | <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 | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Bacterins And Bacterial Extracts

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|-------------|-------------------------------------------------------|----------------------------------|
| | <u>Vibrio Anguillarum-Ordalii Bacterin</u> | |
| 2858.02 | | 285 |
| 2858.03 | | 303A |
| | <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 |
| 2638.01 | | 285 |
| 2638.02 | | 285 |

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LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Antibody Products

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|-------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------|-----|-----|-----|-----|
| | | *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 | 612A | | | | |
| | <u>Bovine IgG-Escherichia Coli Antibody</u> | | | | | | |
| 3610.00 | Bovine Origin | 395 | 396 | | | | |
| | <u>Equine IgG</u> | | | | | | |
| 3607.00 | | 318 | 328 | 347 | 360 | 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 | 370 | 395 | 396 | | | |
| 3524.01 | Bovine Origin | 370 | | | | | |
| 3526.00 | Equine Origin | 124 | 289B | 303 | | | |
| 3526.03 | Equine Origin | 303 | | | | | |
| | <u>Normal Serum</u> | | | | | | |
| 3602.00 | Equine Origin | 188 | | | | | |
| | <u>Rhodococcus Equi Antibody</u> | | | | | | |
| 3750.00 | Equine Origin | 318 | 360 | | | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Antibody Products

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| | <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* |

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LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

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| | | *Conditional License |
| <u>Autogenous Vaccine-Autogenous Bacterin</u> | | |
| 4500.00 | Killed Virus | 196 303 368 |
| 4500.20 | Killed Virus | 301 455 |
| 4500.21 | Killed Virus | 301 |
| 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 |
| <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 |
| <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 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

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| | <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> | |
| 4141.20 | Modified Live Virus | 124 286 |
| 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 |
| | <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 | 213 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

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| | <u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 4560.22 | Modified Live Virus | 189 |
| 4560.25 | Modified Live Virus | 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-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 4435.20 | Killed Virus | 303 |
| 4439.00 | Modified Live Virus | 188 |
| 4439.20 | Modified Live Virus | 112 213 298 |
| | <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 |
| | <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 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

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| <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 | | |
| 44F9.20 | Modified Live & Killed Virus | 124 | | |
| <u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | | | | |
| 44D7.20 | Killed Virus | 112 | 124 | 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 | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

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| | <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 | 112 124 298 303 |
| 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 | 189 |
| 4469.23 | Modified Live 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 |
| | <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 |
| 4X49.21 | 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 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

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| | <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 |
| 4367.26 | 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 |
| | <u>Bovine Virus Diarrhea Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 4595.21 | Killed Virus | 189 |
| 4595.25 | Killed Virus | 189 |
| | <u>Bovine Virus Diarrhea Vaccine-Leptospira Pomona Bacterin</u> | |
| 4599.00 | Modified Live Virus | 188 |
| | <u>Canine Coronavirus Vaccine-Borrelia Burgdorferi Bacterin</u> | |
| 47A5.20 | Killed Virus | 112 |
| | <u>Canine Coronavirus Vaccine-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Icterohaemorrhagiae Bacterial Extract</u> | |
| 47E5.20 | 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> |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| | <u>Canine Coronavirus Vaccine-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u> | |
| 47E5.21 | Killed Virus | 112 |
| | <u>Canine Coronavirus Vaccine-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u> | |
| 46E5.21 | Killed Virus | 112 |
| | <u>Canine Coronavirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterial Extract</u> | |
| 46E5.23 | Killed Virus | 112 |
| 46E5.25 | Killed Virus | 112 |
| | <u>Canine Coronavirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u> | |
| 46E5.20 | Killed Virus | 286 |
| | <u>Canine Coronavirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u> | |
| 46D5.27 | Killed Virus | 112 |
| | <u>Canine Distemper-Adenovirus Type 2 Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterial Extract</u> | |
| 4629.27 | Modified Live Virus | 112 |
| | <u>Canine Distemper-Adenovirus Type 2 Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u> | |
| 4629.20 | Modified Live Virus | 189 |
| | <u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Borrelia Burgdorferi Bacterial Extract</u> | |
| 4807.R0 | Modified Live Virus, Canarypox Vector | 298 |
| | <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 Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u> | |
| 46B9.21 | Modified Live & Killed Virus | 112 |
| | <u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u> | |
| 46J9.25 | Modified Live & Killed Virus | 112 |
| 46J9.29 | Modified Live & Killed Virus | 112 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

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|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| | <u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 47L9.20 | Modified Live & Killed Virus | 189 |
| | <u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterial Extract</u> | |
| 46J9.21 | Modified Live & Killed Virus | 112 |
| 46J9.26 | Modified Live & Killed Virus | 112 |
| 46J9.27 | Modified Live & Killed Virus | 112 |
| | <u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u> | |
| 46J7.20 | Modified Live & Killed Virus | 165A 189 |
| 46J7.22 | Modified Live & Killed Virus | 189 |
| 46J9.20 | Modified Live & Killed Virus | 286 |
| 46J9.R1 | Modified Live Virus, Live Canarypox Vector | 298 |
| | <u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u> | |
| 46L9.27 | Modified Live & Killed Virus | 112 |
| | <u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u> | |
| 46P9.27 | Modified Live & Killed Virus | 112 |
| | <u>Canine Distemper-Adenovirus Type 2-Parainfluenza Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u> | |
| 4659.20 | 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 Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u> | |
| 4637.29 | Modified Live Virus | 112 |
| 4639.25 | Modified Live Virus | 112 |
| | <u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 47K1.20 | Modified Live Virus | 189 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

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| | <u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterial Extract</u> | |
| 4639.27 | Modified Live Virus | 112 |
| | <u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u> | |
| 4637.20 | Modified Live Virus | 165A 189 286 |
| 4637.23 | Modified Live Virus | 189 |
| 4639.21 | Modified Live Virus | 112 189 |
| 4639.22 | Modified Live Virus | 189 |
| 4639.R1 | Modified Live Virus, Live Canarypox Vector | 298 |
| 46J8.20 | Modified Live Virus | 124 |
| | <u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u> | |
| 4679.23 | Modified Live Virus | 189 |
| | <u>Canine Distemper-Hepatitis-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u> | |
| 47P9.22 | Modified Live Virus | 124 |
| | <u>Canine Parvovirus Vaccine-Leptospira Canicola Icterohaemorrhagiae Bacterin</u> | |
| 47B1.20 | Modified Live Virus | 124 |
| | <u>Encephalomyelitis Vaccine-Ehrlichia Risticii-Tetanus Bacterin-Toxoid</u> | |
| 4866.20 | Eastern & Western, Killed Virus | 165A |
| | <u>Encephalomyelitis Vaccine-Tetanus Toxoid</u> | |
| 4865.00 | Eastern & Western, Killed Virus | 165A 188 286 |
| 4865.20 | Eastern & Western, Killed Virus | 107 124 |
| 4865.21 | Eastern & Western, Killed Virus | 124 |
| 4865.23 | Eastern & Western & Venezuelan, Killed Virus | 107 124 286 |
| 4865.26 | Eastern & Western, Killed Virus | 112 |
| 4865.27 | Eastern & Western & Venezuelan, Killed Virus, | 124 |
| 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 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

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| | <u>Encephalomyelitis-Influenza Vaccine-Tetanus Toxoid</u> | |
| 4835.20 | Eastern & Western, Killed Virus | 107 124 165A |
| 4835.21 | Eastern & Western, Killed Virus | 112 |
| 4835.23 | Eastern & Western, Killed Virus | 112 |
| 4835.45 | Eastern & Western, Killed Virus | 286 |
| 4835.46 | Eastern & Western, Killed Virus | 286 |
| 4875.21 | Eastern & Western & Venezuelan, Killed Virus | 112 |
| 4875.23 | Eastern & Western & Venezuelan, Killed Virus | 112 |
| 4875.A0 | Eastern & Western & Venezuelan, Killed Virus | 107 124 |
| 4875.A1 | Eastern & Western & Venezuelan, Killed Virus | 286 |
| | <u>Encephalomyelitis-Rhinopneumonitis Vaccine-Tetanus Toxoid</u> | |
| 4844.30 | Eastern & Western, Killed Virus | 286 |
| | <u>Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine-Tetanus Toxoid</u> | |
| 4845.21 | Eastern & Western, Killed Virus | 112 |
| 4845.23 | Eastern & Western, Killed Virus | 112 |
| 4845.32 | Eastern & Western, Killed Virus | 286 |
| 4845.33 | Eastern & Western, Killed Virus | 286 |
| 4847.21 | Eastern & Western & Venezuelan, Killed Virus | 112 |
| 4847.22 | Eastern & Western & Venezuelan, Killed Virus | 112 |
| 4847.23 | Eastern & Western & Venezuelan, Killed Virus | 112 |
| 4847.32 | Eastern & Western & Venezuelan, Killed Virus | 286 |
| | <u>Encephalomyelitis-West Nile Virus Vaccine-Tetanus Toxoid</u> | |
| 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 |
| | <u>Mink Distemper Vaccine-Clostridium Botulinum Type C Bacterin-Toxoid</u> | |
| 4919.00 | Modified Live Virus | 245 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines With Bacterins/Bacterial Extracts/Toxoids

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|
| <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 |

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>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 |
| 4BC5.22 | Killed Virus | 189 |
| | <u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 48C5.01 | Killed Virus | 112 |
| 48C5.20 | Killed Virus | 165A 189 303 |
| 48C5.21 | Killed Virus | 124 189 286 303 |
| 48C5.22 | Killed Virus | 189 |
| | <u>Parvovirus Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 4975.01 | Killed Virus | 112 |
| 4975.20 | Killed Virus | 303 |
| 4975.22 | Killed Virus | 303 |
| | <u>Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u> | |
| 4960.00 | Modified Live Virus | 124 |
| | <u>Parvovirus-Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 49F6.22 | H1N1 & H3N2, Killed Virus | 189 |
| 49F6.23 | H1N1 & H3N2, Killed Virus | 189 |
| 49F6.24 | 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 |
| 49G6.23 | H1N1 & H3N2, Killed Virus | 189 |
| 49G6.24 | H1N1 & H3N2, Killed Virus | 189 |
| | <u>Porcine Circovirus Vaccine- Mycoplasma Hyopneumoniae Bacterin</u> | |
| 49K5.R1 | Type 2, Killed Baculovirus Vector | 124 |
| | <u>Porcine Reproductive & Respiratory Syndrome Vaccine-Erysipelothrix Rhusiopathiae-Haemophilus Parasuis Bacterin</u> | |
| 49V9.20 | Respiratory Form, 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>Porcine Reproductive & Respiratory Syndrome Vaccine-Haemophilus Parasuis Bacterin</u> | |
| 49Q9.20 | Respiratory Form, Modified Live Virus | 124 |
| | <u>Porcine Reproductive & Respiratory Syndrome-Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-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-Grippotyphosa-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 | 298 |
| | <u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae Bacterin</u> | |
| 4993.20 | H1N1 & H3N2, Killed Virus | 189 |
| 4993.21 | 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 |

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>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u> | |
| 4994.20 | H1N1 & H3N2, Killed Virus | 165A 189 |
| 4994.21 | H1N1 & H3N2, Killed Virus | 189 |
| 4994.23 | H1N1 & H3N2, Killed Virus | 189 |
| 4994.24 | H1N1 & H3N2, Killed Virus | 189 |
| | <u>Swine Influenza Vaccine-Mycoplasma Hyopneumoniae Bacterin</u> | |
| 4995.00 | Killed Virus | 165A |
| 4995.22 | H1N1 & H3N2, Killed Virus | 165A 189 |
| 4995.23 | H1N1 & H3N2, Killed Virus | 189 |
| 4995.24 | H1N1 & H3N2, Killed Virus | 189 |
| 4995.25 | H1N1 & H3N2, Killed Virus | 189 |
| 4995.26 | H1N1 & H3N2, Killed Virus | 189 |
| | <u>Trichomonas Foetus Vaccine, Killed Protozoa-Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| 4990.00 | | 112 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic Products

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|--------------------------------------------------------------------------------------------------------------|----------------------------------|
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| | <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 | 313 450 |
| | <u>Avian Influenza Virus Type A Antigen Test Kit</u> | |
| 5180.50 | | 312 330 |
| | <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 |
| | <u>Bordetella Avium Antibody Test Kit</u> | | |
| 5015.00 | | 312 | |
| | <u>Bovine Leukemia Virus Antibody Test Kit</u> | | |
| 5505.20 | | 332 | 336 |
| | <u>Bovine Spongiform Encephalopathy Antigen Test Kit</u> | | |
| 5430.20 | ELISA | 624 | 625 |
| 5430.21 | EIA | 313 | |
| 5430.22 | ELISA | 624 | |
| 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> |
|-------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------|
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| | <u>Canine Heartworm Antigen Test Kit</u> | |
| 5018.00 | | 213 312 373 430 460 583 |
| 5018.01 | | 213 330 |
| 5018.02 | | 213 313 |
| 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> | |
| 5024.02 | | 312 |
| 5024.03 | | 313 |
| 5024.04 | | 312 |
| 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 |
| | <u>Chronic Wasting Disease Antigen Test Kit</u> | |
| 5420.20 | ELISA | 624 |
| 5420.21 | EIA | 313 |
| 5420.50 | Dot Blot | 332 |
| 5420.51 | | 632 |

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>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 | | | |
| | <u>Feline Heartworm Antigen Test Kit</u> | | | | |
| 5F20.00 | | 313 | | | |
| | <u>Feline Heartworm-Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit</u> | | | | |
| 502C.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 | 544A | | |
| | <u>Feline Leukemia Virus Antigen Test Kit</u> | | | | |
| 5028.00 | | 312 | | | |
| 5028.01 | | 312 | 313 | | |
| 5028.03 | | 313 | | | |
| 5028.04 | | 312 | | | |
| 5028.05 | | 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>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 | 582A | |
| | <u>Mycobacterium Bovis-Mycobacterium Tuberculosis Antibody Test Kit</u> | | | |
| 5470.00 | | 645 | | |
| 5470.01 | | 645 | | |
| | <u>Mycobacterium Paratuberculosis Antibody Test Kit</u> | | | |
| 5064.00 | | 189A | 312 | 327 582A |
| 5064.03 | | 313 | | |
| | <u>Mycobacterium Paratuberculosis DNA Test Kit</u> | | | |
| 5066.80 | Polymerase Chain Reaction | 644 | | |
| | <u>Mycoplasma Gallisepticum Antibody Test Kit</u> | | | |
| 5070.00 | | 312 | 313 | 450 |
| 5070.01 | | 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>Mycoplasma Gallisepticum Antigen</u> | | | |
| 5071.00 | S-6 Serotype, Plate | 286 | | |
| 5071.01 | S-6 Serotype, Plate | 286A | | |
| 5071.02 | | 344 | | |
| | <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>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> | | | |
| 5130.01 | | 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>Pasteurella Multocida Antibody Test Kit, Avian Isolates</u> | |
| 5130.00 | | 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 |
| | <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>Reticuloendotheliosis Virus Antibody Test Kit</u> | |
| 5265.00 | | 313 |
| | <u>Salmonella Enteritidis Antibody Test Kit</u> | |
| 5SE5.00 | | 313 |
| | <u>Scrapie Antigen Test Kit</u> | |
| 5410.20 | ELISA | 624 |
| 5410.21 | ELISA | 624 |
| 5410.22 | EIA | 313 |
| | <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 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Diagnostic Products

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|----------------------------------------|----------------------------------|
| | <u>Tuberculin</u> | |
| 5301.00 | Mammalian, Human Isolates, Intradermic | 188 |
| 5302.00 | PPD Bovis, Intradermic | 188 |

*Conditional License

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> |
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| | | *Conditional License |
| | <u>Bordetella Bronchiseptica-Clostridium Perfringens Type C-Erysipelothrix Rhusiopathiae-Escherichia Coli-Pasteurella Multocida Bacterin-Toxoid</u> | |
| 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 | | 124 286 |
| 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 |
| 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-Sordellii-Tetani-Perfringens Types C & D Bacterin-Toxoid</u> | | | | |
| 7340.00 | | 311 | | | |
| | <u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Tetani-Perfringens Types C & D Bacterin-Toxoid</u> | | | | |
| 7280.00 | | 311 | | | |
| | <u>Clostridium Chauvoei-Septicum-Novyi Bacterin-Toxoid</u> | | | | |
| 7330.00 | | 188 | | | |
| | <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 | | 165A |
| | <u>Clostridium Perfringens Type C Bacterin-Toxoid</u> | |
| 7800.00 | | 303 |
| | <u>Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u> | |
| 7890.00 | | 165A 189 303 |
| 7890.01 | | 286 303 |
| | <u>Clostridium Perfringens Type D Bacterin-Toxoid</u> | |
| 7840.00 | | 303 |
| | <u>Clostridium Perfringens Types C & D Bacterin-Toxoid</u> | |
| 7870.00 | | 189 286 303 |
| 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 |
| | <u>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u> | |
| 7895.00 | | 290 |
| 7895.01 | | 290 |

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>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>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 | 629 | | |
| 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 | | | | | |
| 95C1.00 | Cat Hair | 629 | | | | | |
| | <u>Canine Gonadotropin Releasing Factor Immunotherapeutic</u> | | | | | | |
| 9220.00 | | 189* | | | | | |
| | <u>Canine Melanoma Vaccine</u> | | | | | | |
| 9240.D0 | DNA | 298* | | | | | |
| | <u>Caprine Serum Fraction Immunomodulator</u> | | | | | | |
| 9360.00 | | 188 | | | | | |
| | <u>Export Shipper Label</u> | | | | | | |
| EXPT.00 | | 189 | | | | | |
| | <u>Lymphocyte T-Cell Immunomodulator</u> | | | | | | |
| 9410.00 | | 598* | | | | | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Miscellaneous

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|----------------------------------------------------------------|-------------------------------------|
| | | <small>*Conditional License</small> |
| | <u>Mycobacterium Cell Wall Fraction Immunostimulant</u> | |
| 9300.00 | | 289 |
| 9300.02 | | 289 |
| | <u>Mycobacterium Cell Wall Immunostimulant</u> | |
| 9300.01 | | 289 |
| | <u>Parapox Ovis Virus Immunomodulator</u> | |
| 9330.00 | | 189D |
| | <u>Propionibacterium Acnes Immunostimulant</u> | |
| 9350.00 | | 302 |
| | <u>Rubeola Virus Immunomodulator</u> | |
| 9400.00 | | 385* |
| | <u>Staphylococcus Aureus Phage Lysate</u> | |
| 9355.00 | | 339 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Vaccines

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|------------------------------------------------------|----------------------------------|
| | | *Conditional License |
| | <u>Autogenous Virus</u> | |
| A015.10 | Live Virus | 344 |
| A015.20 | Killed Virus | 455 597 |
| | <u>Avian Encephalomyelitis Virus</u> | |
| A051.10 | Live 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 |
| | <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 |

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>Bronchitis Virus</u> | | |
| A231.12 | Mass Type, Live Virus | 279 |
| A235.10 | Mass Type, Killed Virus | 286 368 |
| A235.16 | Mass Type, Killed Virus | 196 |
| <u>Bursal Disease Virus</u> | | |
| A271.00 | Live Virus | 165A 344 |
| A271.12 | Live Virus | 279 286 |
| A271.13 | Live Virus | 286 |
| A271.21 | Live Virus | 165A |
| A275.11 | Killed Virus | 286 |
| A2B1.4A | Live Virus | 344 |
| A2B9.40 | Variant, Live Virus | 344 |
| 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 |
| <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 Virus</u> | | |
| A421.20 | Modified Live Virus | 189 286 |
| <u>Canine Parvovirus</u> | | |
| A8M1.23 | Modified Live Virus | 189 286 |
| <u>Canine Parvovirus Antiserum</u> | | |
| A8M0.00 | Rabbit Origin | 398 |

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>Chlamydia Psittaci</u> | |
| A581.20 | Modified Live Chlamydia | 189 286 |
| A581.21 | Modified Live Chlamydia | 286 |
| | <u>Encephalomyelitis Virus</u> | |
| A485.00 | Venezuelan, Killed Virus | 188 |
| A485.25 | Western, Killed Virus | 124 |
| | <u>Equine Influenza Virus</u> | |
| A505.20 | Killed Virus | 597 |
| | <u>Feline Calicivirus</u> | |
| A5C1.20 | Modified Live Virus | 189 286 |
| | <u>Feline Infectious Peritonitis Virus</u> | |
| A5A1.20 | Modified Live Virus | 189 |
| | <u>Feline Leukemia Vaccine</u> | |
| A555.21 | Killed Virus | 189 |
| | <u>Feline Leukemia Virus Antigen</u> | |
| A555.R0 | | 317 |
| A555.R1 | | 317 |
| | <u>Feline Panleukopenia Virus</u> | |
| A561.20 | Modified Live Virus | 286 |
| A561.22 | Modified Live Virus | 189 |
| | <u>Feline Rhinotracheitis Virus</u> | |
| A6A1.20 | Modified Live Virus | 189 286 |
| | <u>Fowl Laryngotracheitis Virus</u> | |
| A601.01 | Modified Live Virus | 165A |
| A601.11 | Modified Live Virus | 279 |
| | <u>Fowl Pox Virus</u> | |
| A621.10 | Live Virus | 279 |
| | <u>Marek's Disease Virus</u> | |
| A651.01 | Serotypes 2 & 3, Live Virus | 279 |

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>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>Porcine Circovirus</u> | | |
| A9K5.R0 | Type 2, Killed Baculovirus Vector | 286 | |
| | <u>Pseudorabies Virus</u> | | |
| A895.R1 | Killed Virus | 286 | |
| | <u>Rabies Vaccine</u> | | |
| A901.R0 | Live Vaccinia Vector | 298 | |
| | <u>Rabies Virus</u> | | |
| A905.20 | Killed Virus | 286 | |
| A905.22 | Killed Virus | 286 | |
| | <u>Swine Influenza Virus</u> | | |
| A9A6.10 | H1N1, Live Virus | 196 | |
| | <u>Tenosynovitis Virus</u> | | |
| A951.02 | Modified Live Virus | 286 | |
| A951.10 | Live Virus | 286 | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Bacterins And Bacterial Extracts

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|--------------------------------------------------------------------------------------------|----------------------------------|
| | | *Conditional License |
| | <u>Actinobacillus Pleuropneumoniae</u> | |
| B657.00 | Killed Culture | 301 |
| | <u>Actinobacillus Pleuropneumoniae Bacterin</u> | |
| B657.01 | | 301 |
| | <u>Autogenous Killed Culture</u> | |
| B051.00 | | 455 |
| | <u>Clostridium Chauvoei</u> | |
| B250.00 | Killed Culture | 311 |
| | <u>Edwardsiella Ictaluri Bacterin</u> | |
| B637.00 | | 406 |
| | <u>Ehrlichia Risticii</u> | |
| B639.01 | Killed Culture | 329 |
| | <u>Ehrlichia Risticii Bacterin</u> | |
| B639.00 | | 298 329 |
| | <u>Erysipelothrix Rhusiopathiae</u> | |
| B643.00 | Killed Culture | 311 |
| | <u>Escherichia Coli Bacterin</u> | |
| B648.00 | | 357 |
| B648.04 | Killed Culture | 189 |
| | <u>Haemophilus Paragallinarum</u> | |
| B658.00 | Killed Culture | 286 |
| | <u>Leptospira Canicola</u> | |
| B661.00 | Killed Culture | 189 286 |
| | <u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona</u> | |
| B665.00 | Killed Culture | 213 |
| B665.01 | Killed Culture | 213 |
| | <u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| B665.03 | | 189 |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Bacterins And Bacterial Extracts

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> | |
|-------------|----------------------------------------------------------------------------|----------------------------------|------|
| | | *Conditional License | |
| | <u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona</u> | | |
| B668.00 | Killed Culture | 213 | |
| | <u>Leptospira Hardjo Bacterin</u> | | |
| B6M7.01 | | 189 | 189A |
| | <u>Leptospira Icterohaemorrhagiae</u> | | |
| B66A.00 | Killed Culture | 189 | 286 |
| | <u>Moraxella Bovis</u> | | |
| B772.01 | Killed Culture | 355 | |
| | <u>Moraxella Bovis Bacterin</u> | | |
| B772.00 | | 355 | |
| | <u>Mycoplasma Hyopneumoniae Bacterin</u> | | |
| B775.00 | | 189 | 329 |
| B775.03 | | 329 | |
| | <u>Pasteurella Multocida Bacterin</u> | | |
| B702.15 | Avian Isolates, Types 1 & 3 & 4 | 196 | |
| | <u>Porphyromonas Denticanis</u> | | |
| B745.00 | Killed Culture | 189 | |
| | <u>Porphyromonas Denticanis-Gulae-Salivosa</u> | | |
| B725.00 | Killed Culture | 189 | |
| | <u>Porphyromonas Gulae</u> | | |
| B755.00 | Killed Culture | 189 | |
| | <u>Porphyromonas Salivosa</u> | | |
| B765.00 | Killed Culture | 189 | |
| | <u>Salmonella Enteritidis</u> | | |
| B785.00 | Killed Culture | 368 | |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Antibody Products

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| | <u>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>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> | |
| C4D0.00 | | 344 |
| | <u>Newcastle Disease Virus Antibody</u> | |
| C710.00 | Chicken Origin | 344 |

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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 Vaccine-Tetanus Toxoid</u> | |
| D865.20 | Eastern & Western, Killed Virus | 597 |
| D865.23 | Eastern & Western & Venezuelan, Killed Virus | 597 |
| | <u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u> | |
| D8C5.20 | Killed Virus | 303 |
| D8C5.21 | Killed Virus | 303 |

*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>Avian Influenza Virus</u> | |
| E004.00 | H7N3 Subtype, Live Virus | 196 313 |
| | <u>Avian Influenza Virus Type A Antigen Test Kit</u> | |
| E180.50 | | 312B |
| | <u>Avian Reovirus</u> | |
| E041.00 | Live Virus | 196 |
| E041.01 | Live Virus | 196 |
| | <u>Bronchitis Virus</u> | |
| E231.11 | Mass Type, Live Virus | 196 |
| | <u>Brucella Abortus</u> | |
| E013.02 | Killed Culture | 188 |
| | <u>Bursal Disease Virus</u> | |
| E040.00 | Live Virus | 344 |
| E271.10 | Live Virus | 196 |
| | <u>Canine Heartworm Antigen Test Kit</u> | |
| E018.00 | | 213 312B 346 445 |
| E018.01 | | 445 |
| E018.05 | | 312C 430 |
| | <u>Canine Heartworm Antigen Test Kit-Heartworm Strip</u> | |
| E018.04 | | 373 |
| | <u>Canine Heartworm Antiserum</u> | |
| E019.00 | Rabbit Origin | 312 361 398 |
| | <u>Canine Heartworm Monoclonal Antibody</u> | |
| E118.00 | | 312 |
| | <u>Canine Parvovirus Antibody</u> | |
| E024.00 | Rabbit Origin | 312 |
| E024.02 | Murine Origin | 312 |

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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>Canine Parvovirus Antigen Test Kit</u> | |
| E024.03 | | 313 607 |
| E024.05 | | 312C 430 |
| E024.06 | Component | 312B |
| | <u>Equine Infectious Anemia Virus Antibody Test Kit</u> | |
| E515.21 | | 332 |
| | <u>Feline Heartworm Antibody Test Kit</u> | |
| EF18.00 | | 213 445 |
| | <u>Feline Leukemia Virus Antigen Test Kit</u> | |
| E028.02 | Component | 312B |
| E028.05 | | 312C 430 |
| | <u>Feline Leukemia Virus Antiserum</u> | |
| E026.00 | Rabbit Origin | 361 398 |
| E028.01 | | 312 |
| | <u>Feline Leukemia Virus Monoclonal Antibody</u> | |
| E028.00 | | 312 |
| | <u>Giardia Antigen Test Kit</u> | |
| EG05.50 | | 313 607 |
| | <u>Mycobacterium Bovis Gamma Interferon Test Kit</u> | |
| EA64.10 | For Cervids | 189A |
| | <u>Mycoplasma Meleagridis</u> | |
| E172.00 | Live Culture | 196 313 |
| | <u>Newcastle Disease Virus</u> | |
| E711.10 | B1 Type, B1 Strain, Live Virus | 196 |
| | <u>Swine Influenza Virus</u> | |
| E9A5.00 | H1N1, Live Virus | 313 |

*Conditional License

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>Clostridium Novyi</u> | |
| 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> |
|-------------|----------------------------------------------|----------------------------------|
| | <u>Clostridium Perfringens Type A Toxoid</u> | |
| H081.00 | | 311 |
| | <u>Clostridium Perfringens Type C Toxoid</u> | |
| H101.00 | | 188 311 |
| | <u>Clostridium Perfringens Type D Toxoid</u> | |
| H301.01 | | 311 |
| | <u>Clostridium Septicum Toxoid</u> | |
| H340.00 | | 311 |
| | <u>Clostridium Sordellii Toxoid</u> | |
| H360.00 | | 311 |
| | <u>Tetanus Toxoid</u> | |
| H601.01 | Killed Culture | 124 |
| H601.02 | | 112E |

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

For Further Manufacture: Miscellaneous

| <u>CODE</u> | <u>PRODUCT AND FORM</u> | <u>LICENSE NOS. OF PRODUCERS</u> |
|-------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| | | *Conditional License |
| | <u>Acemannan Immunostimulant</u> | |
| I320.00 | | 384A |
| | <u>Canine Gonadotropin Releasing Factor Immunotherapeutic</u> | |
| I220.00 | | 189A |
| | <u>Diluent</u> | |
| DILU.00 | | 112 124 165A 188 189 189D 196 213 226 268 279 286 294 298 315 337 368 393 472 |
| | <u>Mycobacterium Cell Wall Fraction</u> | |
| I300.00 | | 289 |
| | <u>Rubeola Virus Immunomodulator</u> | |
| I400.00 | | 213 385 |

Index of Product Components

| Component | Pages | | | | | | | | | |
|------------------------------------|-------|----|----|-----|----|----|-----|-----|----|--|
| ACTINOBACILLUS PLEUROPNEUMONIAE | 25 | 51 | 96 | | | | | | | |
| AEROMONAS SALMONICIDA | 51 | 71 | | | | | | | | |
| ALEUTIAN DISEASE | 76 | | | | | | | | | |
| ALLERGENIC EXTRACT | 90 | | | | | | | | | |
| ANAPLASMA PHAGOCYTOPHILUM | 78 | | | | | | | | | |
| ANAPLASMOSIS | 76 | | | | | | | | | |
| ARCANOBACTERIUM PYOGENES | 60 | 89 | 98 | | | | | | | |
| ARTHROBACTER SP. | 25 | | | | | | | | | |
| AUTOGENOUS | 25 | 51 | 52 | 62 | 92 | | | | | |
| AVIAN ENCEPHALOMYELITIS VIRUS | 25 | 76 | 92 | | | | | | | |
| AVIAN INFLUENZA | 25 | 26 | 76 | 100 | | | | | | |
| AVIAN LEUKOSIS VIRUS | 76 | | | | | | | | | |
| AVIAN PARAMYXOVIRUS VIRUS | 26 | 47 | | | | | | | | |
| AVIAN PNEUMOVIRUS | 26 | | | | | | | | | |
| AVIAN POLYOMAVIRUS | 26 | | | | | | | | | |
| AVIAN REOVIRUS | 26 | 27 | 33 | 34 | 76 | 92 | 100 | | | |
| AVIAN RETICULOENDOTHELIOSIS | 82 | | | | | | | | | |
| BACILLUS ANTHRACIS | 25 | | | | | | | | | |
| BACTEROIDES NODOSUS | 52 | | | | | | | | | |
| BLUETONGUE | 27 | 76 | 77 | | | | | | | |
| BORDETELLA AVIUM | 27 | 77 | 92 | | | | | | | |
| BORDETELLA BRONCHISEPTICA | 27 | 34 | 36 | 51 | 52 | 74 | 85 | 103 | | |
| BORRELIA BURGDORFERI | 52 | 67 | 68 | 69 | 77 | 78 | | | | |
| BOVINE CORONAVIRUS | 29 | 60 | 67 | 92 | 98 | | | | | |
| BOVINE LEUKEMIA VIRUS | 77 | | | | | | | | | |
| BOVINE PARAINFLUENZA | 27 | 28 | 29 | 47 | 62 | 63 | 64 | 65 | 66 | |
| | 72 | 92 | | | | | | | | |
| BOVINE RESPIRATORY SYNCYTIAL VIRUS | 27 | 28 | 29 | 30 | 62 | 63 | 64 | 65 | 66 | |

Index of Product Components

| Component | Pages | | | | | | | | | |
|------------------------------------|-------|----|----|-----|-----|----|----|----|-----|--|
| BOVINE RESPIRATORY SYNCYTIAL VIRUS | 67 | 92 | | | | | | | | |
| BOVINE RHINOTRACHEITIS | 27 | 28 | 29 | 62 | 63 | 64 | 65 | 66 | 67 | |
| | 92 | | | | | | | | | |
| BOVINE ROTAVIRUS | 29 | 67 | | | | | | | | |
| BOVINE SPONGIFORM ENCEPHALOPATHY | 77 | 78 | 82 | | | | | | | |
| BOVINE VIRUS DIARRHEA | 28 | 29 | 30 | 63 | 64 | 65 | 66 | 67 | 77 | |
| | 92 | | | | | | | | | |
| BOVINE WART VIRUS | 50 | | | | | | | | | |
| BRUCELLA ABORTUS | 30 | 31 | 77 | 100 | | | | | | |
| BRUCELLA CANIS | 77 | | | | | | | | | |
| BRUCELLA SUIS | 52 | | | | | | | | | |
| BURSAL DISEASE | 31 | 32 | 33 | 34 | 76 | 80 | 93 | 98 | 100 | |
| CAMPYLOBACTER FETUS | 52 | 53 | 55 | 63 | 64 | 67 | 75 | | | |
| CAMPYLOBACTER JEJUNI | 52 | 53 | | | | | | | | |
| CANARY POX | 34 | | | | | | | | | |
| CANINE ADENOVIRUS | 42 | | | | | | | | | |
| CANINE ADENOVIRUS 2 | 34 | 35 | 68 | 69 | 70 | 93 | | | | |
| CANINE CORONAVIRUS | 34 | 35 | 36 | 67 | 68 | 69 | 93 | | | |
| CANINE DISTEMPER | 34 | 35 | 36 | 37 | 68 | 69 | 70 | 77 | 93 | |
| CANINE PARAINFLUENZA | 34 | 35 | 36 | 68 | 69 | 70 | 93 | | | |
| CANINE PARVOVIRUS | 34 | 35 | 36 | 47 | 68 | 69 | 70 | 73 | 77 | |
| | 78 | 93 | 95 | 100 | 101 | | | | | |
| CAPRINE ARTHRITIS ENCEPHALITIS | 78 | | | | | | | | | |
| CHICKEN ANEMIA VIRUS | 25 | 36 | 78 | | | | | | | |
| CHLAMYDIA PSITTACI | 36 | 39 | 40 | 41 | 53 | 93 | 94 | | | |
| CIRCOVIRUS | 47 | 48 | 73 | 95 | | | | | | |
| CLASSICAL SWINE FEVER | 79 | | | | | | | | | |
| CLOSTRIDIUM BOTULINUM TYPE B | 84 | 89 | | | | | | | | |
| CLOSTRIDIUM BOTULINUM TYPE C | 71 | 72 | 85 | | | | | | | |

Index of Product Components

| Component | Pages | | | | | | | | | |
|------------------------------------|-------|-----|-----|-----|-----|----|-----|-----|-----|--|
| CLOSTRIDIUM CHAUVOEI | 53 | 85 | 86 | 87 | 96 | | | | | |
| CLOSTRIDIUM HAEMOLYTICUM | 53 | 85 | 86 | | | | | | | |
| CLOSTRIDIUM NOVYI | 85 | 86 | 87 | 103 | | | | | | |
| CLOSTRIDIUM PERFRINGENS TYPE A | 89 | 104 | | | | | | | | |
| CLOSTRIDIUM PERFRINGENS TYPE C | 67 | 74 | 84 | 85 | 86 | 87 | 89 | 103 | 104 | |
| CLOSTRIDIUM PERFRINGENS TYPE D | 67 | 84 | 85 | 86 | 87 | 89 | 104 | | | |
| CLOSTRIDIUM SEPTICUM | 53 | 85 | 86 | 87 | 104 | | | | | |
| CLOSTRIDIUM SORDELLII | 85 | 86 | 87 | 104 | | | | | | |
| CLOSTRIDIUM TETANI | 70 | 71 | 84 | 86 | 87 | 89 | 99 | 102 | 104 | |
| COCCIDIOSIS | 36 | 37 | | | | | | | | |
| CORYNEBACTERIUM PSEUDOTUBERCULOSIS | 87 | | | | | | | | | |
| CROTALUS ATROX | 84 | | | | | | | | | |
| DUCK HEPATITIS VIRUS | 37 | | | | | | | | | |
| DUCK VIRUS ENTERITIS VIRUS | 37 | | | | | | | | | |
| EASTERN ENCEPHALITIS VIRUS | 37 | 70 | 71 | 99 | | | | | | |
| EDWARDSIELLA ICTALURI | 37 | 96 | | | | | | | | |
| EHRlichia CANIS | 78 | | | | | | | | | |
| EHRlichia RISTICII | 53 | 70 | 74 | 96 | | | | | | |
| EPIZOOTIC HAEMORRHAGIC DISEASE | 79 | | | | | | | | | |
| EQUINE INFECTIOUS ANEMIA | 79 | 101 | | | | | | | | |
| EQUINE INFLUENZA | 37 | 38 | 70 | 71 | 94 | | | | | |
| EQUINE RHINOPNEUMONITIS | 38 | 71 | | | | | | | | |
| EQUINE ROTAVIRUS | 38 | | | | | | | | | |
| EQUINE VIRAL ARTERITIS | 37 | | | | | | | | | |
| ERYSIPELOTHRIX RHUSIOPATHIAE | 38 | 51 | 52 | 53 | 54 | 60 | 72 | 73 | 74 | |
| | 75 | 85 | 96 | 99 | 103 | | | | | |
| ESCHERICHIA COLI | 39 | 54 | 60 | 67 | 74 | 79 | 84 | 85 | 87 | |
| | 96 | 98 | 103 | | | | | | | |

Index of Product Components

| Component | Pages | | | | | | | | | |
|--------------------------------|-------|-----|-----|-----|-----|-----|----|----|----|--|
| FELINE CALICIVIRUS | 39 | 40 | 41 | 94 | | | | | | |
| FELINE IMMUNODEFICIENCY VIRUS | 39 | 79 | 80 | | | | | | | |
| FELINE INFECTIOUS PERITONITIS | 39 | 79 | 94 | | | | | | | |
| FELINE LEUKEMIA | 39 | 40 | 79 | 80 | 94 | 101 | | | | |
| FELINE PANLEUKOPENIA | 39 | 40 | 41 | 94 | | | | | | |
| FELINE RHINOTRACHEITIS | 39 | 40 | 41 | 94 | | | | | | |
| FLAVOBACTERIUM COLUMNARE | 41 | 54 | | | | | | | | |
| FOOT AND MOUTH DISEASE | 80 | | | | | | | | | |
| FOWL LARYNGOTRACHEITIS | 25 | 41 | 80 | 94 | | | | | | |
| FOWL POX | 25 | 26 | 41 | 42 | 45 | 94 | | | | |
| FUSOBACTERIUM NECROPHORUM | 54 | 89 | | | | | | | | |
| GIARDIA LAMBLIA | 42 | 80 | 101 | | | | | | | |
| GONADOTROPIN RELEASING FACTOR | 105 | | | | | | | | | |
| HAEMOPHILUS PARAGALLINARIUM | 55 | 96 | | | | | | | | |
| HAEMOPHILUS PARASUIS | 51 | 53 | 54 | 55 | 73 | 74 | 85 | | | |
| HAEMOPHILUS SOMNUS | 55 | 62 | 63 | 64 | 65 | 67 | 86 | 87 | 88 | |
| HEARTWORM | 77 | 78 | 79 | 100 | 101 | | | | | |
| HEMORRHAGIC ENTERITIS VIRUS | 42 | 80 | | | | | | | | |
| IMMUNOSTIMULANT | 90 | 105 | | | | | | | | |
| INFECTIOUS BRONCHITIS VIRUS | 30 | 32 | 33 | 45 | 46 | 47 | 72 | 76 | 80 | |
| | 93 | 100 | | | | | | | | |
| INFECTIOUS CANINE HEPATITIS | 36 | 70 | | | | | | | | |
| INFECTIOUS SALMON ANEMIA VIRUS | 71 | | | | | | | | | |
| LAWSONIA INTRACELLULARIS | 42 | | | | | | | | | |
| LEPTOSPIRA BRATISLAVA | 54 | 55 | 73 | 74 | | | | | | |
| LEPTOSPIRA CANICOLA | 53 | 54 | 55 | 56 | 62 | 63 | 64 | 65 | 66 | |
| | 67 | 68 | 69 | 70 | 73 | 74 | 75 | 87 | 96 | |
| | 97 | 99 | | | | | | | | |
| LEPTOSPIRA GRIPPOTYPHOSA | 53 | 54 | 55 | 56 | 62 | 63 | 64 | 65 | 66 | |

Index of Product Components

| Component | Pages | | | | | | | | | |
|--------------------------------------|-------|-----|----|-----|-----|----|----|-----|----|--|
| LEPTOSPIRA GRIPPOTYPHOSA | 67 | 68 | 69 | 73 | 74 | 75 | 87 | 96 | 97 | |
| | 99 | | | | | | | | | |
| LEPTOSPIRA HARDJO | 53 | 54 | 55 | 56 | 62 | 63 | 64 | 65 | 66 | |
| | 67 | 73 | 74 | 75 | 87 | 96 | 97 | 99 | | |
| LEPTOSPIRA ICTEROHAEMORRHAGIAE | 53 | 54 | 55 | 56 | 62 | 63 | 64 | 65 | 66 | |
| | 67 | 68 | 69 | 70 | 73 | 74 | 75 | 87 | 96 | |
| | 97 | 99 | | | | | | | | |
| LEPTOSPIRA POMONA | 53 | 54 | 55 | 56 | 62 | 63 | 64 | 65 | 66 | |
| | 67 | 68 | 69 | 72 | 73 | 74 | 75 | 87 | 96 | |
| | 97 | 99 | | | | | | | | |
| MANNHEIMIA (PASTEURELLA) HAEMOLYTICA | 29 | 42 | 53 | 55 | 57 | 60 | 62 | 63 | 65 | |
| | 66 | 67 | 86 | 87 | 88 | 89 | 98 | 103 | | |
| MAREK'S DISEASE VIRUS-CHICKEN | 31 | 32 | 42 | 43 | 94 | | | | | |
| MAREK'S DISEASE VIRUS-TURKEY | 31 | 32 | 41 | 42 | 43 | 94 | | | | |
| MEASLES | 35 | 36 | 91 | 105 | | | | | | |
| MINK DISTEMPER | 43 | 44 | 71 | 72 | | | | | | |
| MINK ENTERITIS | 44 | 71 | 72 | | | | | | | |
| MORAXELLA BOVIS | 57 | 87 | 97 | | | | | | | |
| MORITELLA VISCOSA (VIBRIO VISCOSUS) | 51 | | | | | | | | | |
| MOUSE HEPATITIS | 81 | 98 | | | | | | | | |
| MYCOBACTERIUM BOVIS | 80 | 83 | 90 | 91 | 101 | | | | | |
| MYCOBACTERIUM PARATUBERCULOSIS | 57 | 80 | | | | | | | | |
| MYCOBACTERIUM PHLEI | 105 | | | | | | | | | |
| MYCOBACTERIUM TUBERCULOSIS | 80 | 83 | | | | | | | | |
| MYCOPLASMA BOVIS | 57 | | | | | | | | | |
| MYCOPLASMA GALLISEPTICUM | 25 | 42 | 44 | 57 | 72 | 80 | 81 | | | |
| MYCOPLASMA HYOPNEUMONIAE | 54 | 55 | 57 | 73 | 74 | 75 | 81 | 85 | 97 | |
| MYCOPLASMA MELEAGRIDIS | 81 | 101 | | | | | | | | |
| MYCOPLASMA PULMONIS | 81 | 98 | | | | | | | | |
| MYCOPLASMA SYNOVIAE | 57 | 81 | | | | | | | | |
| NEOSPORA CANINUM | 44 | 81 | 95 | | | | | | | |

Index of Product Components

| Component | Pages | | | | | | | |
|-------------------------------|-------|----|----|----|----|----|----|-----|
| SALMONELLA TYPHIMURIUM | 49 | 58 | 60 | 61 | 62 | 63 | 88 | 98 |
| SENDAI VIRUS | 81 | 98 | | | | | | |
| SERPENS | 58 | | | | | | | |
| SERUM, NORMAL | 60 | | | | | | | |
| STAPHYLOCOCCUS AUREUS | 58 | 82 | 91 | | | | | |
| STREPTOCOCCUS EQUI | 49 | 58 | 61 | | | | | |
| STREPTOCOCCUS SUIS | 58 | 85 | | | | | | |
| SWINE INFLUENZA VIRUS | 48 | 49 | 73 | 74 | 75 | 82 | 95 | 101 |
| TENOSYNOVITIS | 43 | 50 | 95 | | | | | |
| TRANSMISSIBLE GASTROENTERITIS | 48 | 50 | 74 | | | | | |
| TREPONEMA | 58 | | | | | | | |
| TRICHINELLA SPIRALIS | 82 | | | | | | | |
| TRICHOMONAS FOETUS | 50 | 75 | | | | | | |
| TRICHOPHYTON VERRUCOSUM | 50 | | | | | | | |
| VENEZUELAN ENCEPHALITIS | 37 | 70 | 71 | 94 | 99 | | | |
| VIBRIO ANGUILLARUM | 51 | 58 | 59 | 71 | | | | |
| VIBRIO ORDALII | 51 | 58 | 59 | 71 | | | | |
| VIBRIO SALMONICIDA | 51 | 59 | 71 | | | | | |
| WEST NILE VIRUS | 37 | 50 | 61 | 71 | | | | |
| WESTERN ENCEPHALITIS | 37 | 70 | 71 | 94 | 99 | | | |
| YERSINIA RUCKERII | 59 | | | | | | | |