



Animal and Plant Health Inspection Services

Veterinary Services

Center for Veterinary Biologics

1920 Dayton Ave PO Box 844 Ames, IA 50010

(515) 337-6100

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02

TO: Biologics Licensees, Permittees, and Applicants
Directors, Center for Veterinary Biologics
Veterinary Services Leadership Team

FROM: Byron Rippke
Director

SUBJECT: Issuance of Licenses

The purpose of this notice is to bring to the attention of interested parties licenses issued and terminated between January 01, 2019 and March 31, 2019. These do not include those licenses reissued to update pertinent information.

There were no new U.S. Veterinary Biologics Establishment Licenses or Permits (new permittees) issued this quarter.

New U.S. Veterinary Biologics Product Licenses and Biological Product Permits (new codes) were issued as follows:

Table with 3 columns: True Name, Code, Est. Name/No. containing data for Infectious Laryngotracheitis-Marek's Disease-Newcastle Disease Vaccine and Parvovirus Vaccine.

U.S. Veterinary Biologics Establishment Licenses and Permits (Permittees) were terminated without prejudice as follows:

Table with 3 columns: Est. Name and Address, Est. No., Type containing data for Merial, Inc. and Trace Diagnostics, Inc.

U.S. Veterinary Biological Product Licenses and Permits (codes) were terminated without prejudice as follows:

Table with 3 columns: True Name, Code, Est. Name/No. containing data for Autogenous Bacterin and Autogenous Vaccine.

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02

True Name	Code	Est. Name/No.
Autogenous Vaccine, Killed Virus	1015.21	Elanco US Inc./Est No. 196
Autogenous Vaccine, RNA	1015.R1	Intervet Inc./Est No. 165A
Avian Encephalomyelitis Vaccine, Live Virus	1051.11	Merial, Inc./Est No. 298
Avian Encephalomyelitis-Fowl Pox Vaccine, Live Virus	10M1.10	Merial, Inc./Est No. 298
Avian Encephalomyelitis-Fowl Pox Vaccine, Live Virus	10M1.10	Elanco US Inc./Est No. 196
Avian Influenza-Fowl Pox Vaccine, H5 Subtype, Live Fowl Pox Vector	1061.R0	Merial, Inc./Est No. 298
Avian Reovirus Vaccine, Killed Virus	1045.01	Merial, Inc./Est No. 298
Bordetella Bronchiseptica Vaccine, Avirulent Live Culture	1081.01	Merial, Inc./Est No. 298
Bordetella Bronchiseptica-Clostridium Perfringens Type C-Erysipelothrix Rhusiopathiae-Escherichia Coli-Pasteurella Multocida Bacterin-Toxoid	7150.00	Elanco US Inc./Est No. 196
Borrelia Burgdorferi Bacterial Extract	2126.R0	Merial, Inc./Est No. 298
Bovine Rhinotracheitis-Parainfluenza 3 Vaccine, Modified Live Virus	1121.24	Zoetis Inc./Est No. 190
Bovine Rhinotracheitis-Virus Diarrhea Vaccine, Modified Live Virus	1151.21	Elanco US Inc./Est No. 196
Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus	1181.25	Zoetis Inc./Est No. 190
Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus	1181.20	Elanco US Inc./Est No. 196
Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus	1181.21	Elanco US Inc./Est No. 196
Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus, Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	44B1.25	Zoetis Inc./Est No. 190
Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus, Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	4461.25	Zoetis Inc./Est No. 190
Bovine Virus Diarrhea Vaccine, Killed Virus	1205.21	Elanco US Inc./Est No. 196
Bronchitis Vaccine, Ark Type, Live Virus	1231.21	Merial, Inc./Est No. 298
Bronchitis Vaccine, Ark Type, Live Virus	1231.20	Merial, Inc./Est No. 298
Bronchitis Vaccine, Conn Type, Live Virus	1231.15	Merial, Inc./Est No. 298
Bronchitis Vaccine, Mass & Conn Types, Live Virus	1231.14	Merial, Inc./Est No. 298
Bronchitis Vaccine, Mass Type, Live Virus	1233.10	Merial, Inc./Est No. 298
Bronchitis Vaccine, Mass Type, Live Virus	1232.10	Merial, Inc./Est No. 298
Bronchitis Vaccine, Mass Type, Live Virus	1232.15	Merial, Inc./Est No. 298
Bursal Disease Vaccine, Live Virus	1271.0A	Merial, Inc./Est No. 298
Bursal Disease Vaccine, Live Virus	1271.13	Merial, Inc./Est No. 298
Bursal Disease Vaccine, Live Virus	1271.01	Merial, Inc./Est No. 298
Bursal Disease Vaccine, Live Virus	1271.12	Merial, Inc./Est No. 298
Bursal Disease Vaccine, Live Virus	1271.10	Merial, Inc./Est No. 298
Bursal Disease Vaccine, Standard & Variant, Killed Virus	12B5.40	Merial, Inc./Est No. 298
Bursal Disease Vaccine, Standard & Variant, Live Virus	12B1.00	Merial, Inc./Est No. 298
Bursal Disease Vaccine, Standard & Variant, Live Virus	12B1.01	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotype 3, Live Marek's Disease Vector	1A88.R0	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotype 3, Live Virus	1288.42	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotype 3, Live Virus	1288.4A	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotype 3, Standard & Variant, Live Virus	12C8.40	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotypes 1 & 3, Live Marek's Disease Vector, Live Herpesvirus Chimera	1281.R3	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1288.43	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1288.44	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1288.45	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	1A88.R1	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	1A88.R2	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Standard & Variant, Serotype 3, Live Virus	12C8.43	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Standard & Variant, Serotypes 2 & 3, Live Virus	12C8.42	Merial, Inc./Est No. 298
Bursal Disease-Marek's Disease Vaccine, Standard & Variant, Serotypes 2 & 3, Live Virus	12C8.44	Merial, Inc./Est No. 298
Bursal Disease-Newcastle Disease-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	12H1.67	Merial, Inc./Est No. 298
Bursal Disease-Newcastle Disease-Bronchitis Vaccine, Standard & Variant, Mass & Ark Types, Killed Virus	12D5.45	Merial, Inc./Est No. 298

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02

True Name	Code	Est. Name/No.
Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Standard & Variant, Mass & Ark Types, Killed Virus	12M5.41	Merial, Inc./Est No. 298
Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Standard & Variant, Mass Type, Killed Virus	12M5.44	Merial, Inc./Est No. 298
Bursal Disease-Newcastle Disease-Reovirus Vaccine, Standard & Variant, Killed Virus	12P5.40	Merial, Inc./Est No. 298
Bursal Disease-Reovirus Vaccine, Standard & Variant, Killed Virus	12D5.01	Merial, Inc./Est No. 298
Canine Coronavirus Vaccine, Modified Live Virus	14P1.20	Merial, Inc./Est No. 298
Canine Coronavirus-Parvovirus Vaccine, Modified Live Virus	14R1.20	Merial, Inc./Est No. 298
Canine Distemper Vaccine, Live Canarypox Vector	1301.R0	Merial, Inc./Est No. 298
Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Canarypox Vector	1591.R1	Merial, Inc./Est No. 298
Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Live Canarypox Vector, Leptospira Canicola-Icterohaemorrhagiae Bacterin	46J9.R1	Merial, Inc./Est No. 298
Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Canarypox Vector	13D1.R1	Merial, Inc./Est No. 298
Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Live Canarypox Vector, Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin	47K9.R0	Merial, Inc./Est No. 298
Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Live Canarypox Vector, Leptospira Canicola-Icterohaemorrhagiae Bacterin	4639.R1	Merial, Inc./Est No. 298
Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine, Modified Live Virus, Canarypox Vector	1331.R1	Merial, Inc./Est No. 298
Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine, Modified Live Virus, Live Canarypox Vector, Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin	47M9.R0	Merial, Inc./Est No. 298
Canine Heartworm Antigen Test Kit	E018.00	Zoetis Inc./Est No. 190D
Canine Heartworm Antigen Test Kit	5018.04	Zoetis Inc./Est No. 190
Canine Lymphoma Vaccine, DNA	9241.D0	Merial, Inc./Est No. 298
Canine Melanoma Vaccine, DNA	9240.D0	Merial, Inc./Est No. 298
Canine Parainfluenza-Bordetella Bronchiseptica Vaccine, Modified Live Virus, Avirulent Live Culture	A4M1.20	Merial, Inc./Est No. 298
Canine Parvovirus Antigen Test Kit, Blot Test	5024.50	Trace Diagnostics, Inc./Est No. 589A
Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D Bacterin-Toxoid	7410.01	Elanco US Inc./Est No. 196
Clostridium Perfringens Type C Antitoxin-Escherichia Coli Antibody, Equine Origin	6212.02	Elanco US Inc./Est No. 196
Coccidiosis Vaccine, Live Oocysts	1431.51	Merial, Inc./Est No. 298
Distemper Vaccine, Live Canarypox Vector	1471.R0	Merial, Inc./Est No. 298
Equine Rhinopneumonitis Vaccine, Modified Live Virus	A521.21	Merial, Inc./Est No. 298
Escherichia Coli Antibody, Equine Origin	3526.03	Elanco US Inc./Est No. 196
Escherichia Coli Bacterin-Toxoid	7850.00	Merial, Inc./Est No. 298
Feline Interleukin-2 Immunomodulator, Live Canarypox Vector	9401.R0	Merial, Inc./Est No. 298
Feline Leukemia Vaccine, Live Canarypox Vector	1555.R4	Merial, Inc./Est No. 298
Feline Leukemia Virus Antigen Test Kit	5028.00	Trace Diagnostics, Inc./Est No. 589A
Feline Leukemia Virus Antigen Test Kit	5028.04	Zoetis Inc./Est No. 190
Feline Leukemia Virus Antigen Test Kit, Component	E028.02	Zoetis Inc./Est No. 190D
Feline Panleukopenia Vaccine, Modified Live Virus	1561.21	Elanco US Inc./Est No. 196
Feline Rhinotracheitis-Calici-Chlamydia Psittaci Vaccine, Modified Live Virus, Modified Live Chlamydia	16F1.21	Merial, Inc./Est No. 298
Feline Rhinotracheitis-Calici-Panleukopenia Vaccine, Modified Live Virus	16D8.21	Merial, Inc./Est No. 298
Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine, Modified Live Virus, Modified Live Chlamydia	16E8.20	Merial, Inc./Est No. 298
Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine, Modified Live & Killed Virus, Modified Live Chlamydia	1619.20	Merial, Inc./Est No. 298
Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine, Modified Live Virus, and Chlamydia, Canarypox Vector	1619.R1	Merial, Inc./Est No. 298
Feline Rhinotracheitis-Calici-Panleukopenia-Rabies Vaccine, Modified Live & Killed Virus	16T9.20	Merial, Inc./Est No. 298
Feline Rhinotracheitis-Calici-Panleukopenia-Rabies Vaccine, Modified Live Virus, Canarypox Vector	16T9.R0	Merial, Inc./Est No. 298
Feline Rhinotracheitis-Calicivirus Vaccine, Modified Live Virus	16C1.20	Merial, Inc./Est No. 298
Feline Rhinotracheitis-Calicivirus Vaccine, Modified Live Virus	16C1.20	Elanco US Inc./Est No. 196
Fowl Laryngotracheitis Vaccine, Modified Live Virus	1601.11	Merial, Inc./Est No. 298

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02

True Name	Code	Est. Name/No.
Fowl Pox Vaccine, Live Virus	1622.00	Merial, Inc./Est No. 298
Fowl Pox Vaccine, Live Virus	1621.00	Elanco US Inc./Est No. 196
Fowl Pox-Marek's Disease Vaccine, Serotype 3, Live Virus	15E2.00	Merial, Inc./Est No. 298
Giardia Antigen Test Kit	5G05.51	Safepath Laboratories/Est No. 430
Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin	2668.00	Merial, Inc./Est No. 298
Leptospira Canicola-Icterohaemorrhagiae Bacterin	2671.01	Merial, Inc./Est No. 298
Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid	7935.00	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotype 1, Live Herpesvirus Chimera	16L1.R0	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotype 1, Live Virus	16L1.00	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotype 2, Live Virus	1631.00	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotype 2, Live Virus	1631.04	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotype 3, Live Virus	1641.00	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotype 3, Live Virus	1641.05	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus	16L1.02	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus, Live Herpesvirus Chimera	16G1.R0	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1651.00	Merial, Inc./Est No. 298
Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1651.01	Merial, Inc./Est No. 298
Marek's Disease-Newcastle Disease Vaccine, Serotype 3, Live Marek's Disease Vector	16N1.R0	Merial, Inc./Est No. 298
Marek's Disease-Newcastle Disease Vaccine, Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	17H1.R1	Merial, Inc./Est No. 298
Marek's Disease-Newcastle Disease Vaccine, Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	17H1.R2	Merial, Inc./Est No. 298
Marek's Disease-Tenosynovitis Vaccine, Serotypes 2 & 3, Live & Modified Live Virus	16T1.00	Merial, Inc./Est No. 298
Mycoplasma Gallisepticum Vaccine, Live Culture	1751.00	Merial, Inc./Est No. 298
Neorickettsia Risticii Bacterin	2639.00	Merial, Inc./Est No. 298
Newcastle Disease Vaccine, B1 Type, B1 Strain, Live Virus	1711.12	Merial, Inc./Est No. 298
Newcastle Disease Vaccine, B1 Type, B1 Strain, Live Virus	17A2.10	Merial, Inc./Est No. 298
Newcastle Disease Vaccine, B1 Type, LaSota Strain, Live Virus	1721.11	Merial, Inc./Est No. 298
Newcastle Disease Vaccine, VG/GA Strain, Live Virus	1701.10	Merial, Inc./Est No. 298
Newcastle Disease Vaccine, VG/GA Strain, Live Virus	17A2.V2	Merial, Inc./Est No. 298
Newcastle Disease-Fowl Pox Vaccine, Live Fowl Pox Vector	17C1.R0	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Ark Types, Live Virus	17A2.1M	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Ark Types, Live Virus	17A1.1M	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	1761.14	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	1762.1H	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	1762.1J	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass Type, Live Virus	1762.11	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass Type, Live Virus	1761.11	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass & Conn Types, Live Virus	1771.17	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass Type, Live Virus	1771.11	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass Type, Live Virus	1771.12	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, Mass & Ark Types, Killed Virus	1785.12	Merial, Inc./Est No. 298
Newcastle-Bronchitis Vaccine, VG/GA Strain, Mass & Conn Types, Live Virus	17V1.10	Merial, Inc./Est No. 298
Parvovirus Vaccine, Killed Virus	18P5.20	Elanco US Inc./Est No. 196
Parvovirus Vaccine, Killed Virus, Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	4975.20	Elanco US Inc./Est No. 196
Parvovirus Vaccine, Modified Live Virus	18M1.22	Merial, Inc./Est No. 298
Pigeon Pox Vaccine, Live Virus	1881.10	Merial, Inc./Est No. 298
Rabies Vaccine, Live Vaccinia Vector	1901.R0	Merial, Inc./Est No. 298
Rabies Vaccine, Killed Virus	1905.24	Merial, Inc./Est No. 298
Rabies Vaccine, Killed Virus	1905.21	Merial, Inc./Est No. 298
Rabies Vaccine, Killed Virus	1905.23	Merial, Inc./Est No. 298
Rabies Vaccine, Killed Virus	1905.20	Merial, Inc./Est No. 298
Rabies Vaccine, Killed Virus, Neorickettsia Risticii Bacterin	4905.20	Merial, Inc./Est No. 298
Rabies Vaccine, Live Canarypox Vector	1901.R1	Merial, Inc./Est No. 298

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02

True Name	Code	Est. Name/No.
Rabies Vaccine, Live Canarypox Vector	1901.R4	Merial, Inc./Est No. 298
Rabies Vaccine, Live Vaccinia Vector	A901.R0	Merial, Inc./Est No. 298
Salmonella Choleraesuis Vaccine, Avirulent Live Culture	19A1.00	Elanco US Inc./Est No. 196
Streptococcus Suis Bacterin	2840.01	Elanco US Inc./Est No. 196
Tenosynovitis Vaccine, Modified Live Virus	1952.01	Merial, Inc./Est No. 298
Tenosynovitis Vaccine, Modified Live Virus	1951.03	Merial, Inc./Est No. 298
Tetanus Toxoid, Killed Culture	H601.00	Colorado Serum Company/Est No. 188

Due to acquisitions, U.S. Veterinary Biological Product Licenses and Permits have been issued as follows:

Previous Est. No./Prod Code	True Name	Code	Purchasing Est. Name/No.
From Firm 298 - Code 205100, first licensed 04/19/2013	Autogenous Bacterin	2051.01	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 101500, first licensed 04/19/2013	Autogenous Vaccine, Killed Virus	1015.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 105111, first licensed 04/19/2013	Avian Encephalomyelitis Vaccine, Live Virus	1051.11	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 10M110, first licensed 04/19/2013	Avian Encephalomyelitis-Fowl Pox Vaccine, Live Virus	10M1.10	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1061R0, first licensed 04/19/2013	Avian Influenza-Fowl Pox Vaccine, H5 Subtype, Live Fowl Pox Vector	1061.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 104501, first licensed 04/19/2013	Avian Reovirus Vaccine, Killed Virus	1045.01	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 108101, first licensed 01/10/2018	Bordetella Bronchiseptica Vaccine, Avirulent Live Culture	1081.04	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 2126R0, first licensed 02/22/1996	Borrelia Burgdorferi Bacterial Extract	2126.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 123120, first licensed 04/19/2013	Bronchitis Vaccine, Ark Type, Live Virus	1231.20	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 123121, first licensed 04/19/2013	Bronchitis Vaccine, Ark Type, Live Virus	1231.21	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 123115, first licensed 04/19/2013	Bronchitis Vaccine, Conn Type, Live Virus	1231.15	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 123114, first licensed 04/19/2013	Bronchitis Vaccine, Mass & Conn Types, Live Virus	1231.14	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 123210, first licensed 04/19/2013	Bronchitis Vaccine, Mass Type, Live Virus	1232.10	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 123215, first licensed 04/19/2013	Bronchitis Vaccine, Mass Type, Live Virus	1232.15	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 123310, first licensed 04/19/2013	Bronchitis Vaccine, Mass Type, Live Virus	1233.10	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 127101, first licensed 04/19/2013	Bursal Disease Vaccine, Live Virus	1271.01	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12710A, first licensed 04/19/2013	Bursal Disease Vaccine, Live Virus	1271.0A	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 127110, first licensed 04/19/2013	Bursal Disease Vaccine, Live Virus	1271.10	Boehringer Ingelheim Animal Health USA Inc./Est No. 124

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02

Previous Est. No./Prod Code	True Name	Code	Purchasing Est. Name/No.
From Firm 298 - Code 127112, first licensed 04/19/2013	Bursal Disease Vaccine, Live Virus	1271.12	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 127113, first licensed 04/19/2013	Bursal Disease Vaccine, Live Virus	1271.13	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12B540, first licensed 04/19/2013	Bursal Disease Vaccine, Standard & Variant, Killed Virus	12B5.40	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12B100, first licensed 04/19/2013	Bursal Disease Vaccine, Standard & Variant, Live Virus	12B1.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12B101, first licensed 04/19/2013	Bursal Disease Vaccine, Standard & Variant, Live Virus	12B1.01	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1A88R0, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Serotype 3, Live Marek's Disease Vector	1A88.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 128842, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Serotype 3, Live Virus	1288.42	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12884A, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Serotype 3, Live Virus	1288.4A	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12C840, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Serotype 3, Standard & Variant, Live Virus	12C8.40	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1281R3, first licensed 07/19/2018	Bursal Disease-Marek's Disease Vaccine, Serotypes 1 & 3, Live Marek's Disease Vector, Live Herpesvirus Chimera	1281.R3	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 128843, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1288.43	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 128844, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1288.44	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 128845, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1288.45	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1A88R1, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	1A88.R1	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1A88R2, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	1A88.R2	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12C843, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Standard & Variant, Serotype 3, Live Virus	12C8.43	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12C842, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Standard & Variant, Serotypes 2 & 3, Live Virus	12C8.42	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12C844, first licensed 04/19/2013	Bursal Disease-Marek's Disease Vaccine, Standard & Variant, Serotypes 2 & 3, Live Virus	12C8.44	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12H167, first licensed 04/19/2013	Bursal Disease-Newcastle Disease-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	12H1.67	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12D545, first licensed 04/19/2013	Bursal Disease-Newcastle Disease-Bronchitis Vaccine, Standard & Variant, Mass & Ark Types, Killed Virus	12D5.45	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12M541, first licensed 04/19/2013	Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Standard & Variant, Mass & Ark Types, Killed Virus	12M5.41	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12M544, first licensed 04/15/2015	Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Standard & Variant, Mass Type, Killed Virus	12M5.44	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12P540, first licensed 04/19/2013	Bursal Disease-Newcastle Disease-Reovirus Vaccine, Standard & Variant, Killed Virus	12P5.40	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 12D501, first licensed 04/19/2013	Bursal Disease-Reovirus Vaccine, Standard & Variant, Killed Virus	12D5.01	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 14P120, first licensed 12/16/1994	Canine Coronavirus Vaccine, Modified Live Virus	14P1.20	Boehringer Ingelheim Animal Health USA Inc./Est No. 124

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02

Previous Est. No./Prod Code	True Name	Code	Purchasing Est. Name/No.
From Firm 298 - Code 14R120, first licensed 05/02/1996	Canine Coronavirus-Parvovirus Vaccine, Modified Live Virus	14R1.20	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1301R0, first licensed 05/05/2014	Canine Distemper Vaccine, Live Canarypox Vector	1301.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1591R1, first licensed 04/23/1997	Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Canarypox Vector	1591.R1	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 46J9R1, first licensed 04/23/1997	Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Live Canarypox Vector, Leptospira Canicola-Icterohaemorrhagiae Bacterin	46J9.R1	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 13D1R1, first licensed 04/23/1997	Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Canarypox Vector	13D1.R1	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 47K9R0, first licensed 02/01/2016	Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Live Canarypox Vector, Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin	47K9.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 4639R1, first licensed 04/23/1997	Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Live Canarypox Vector, Leptospira Canicola-Icterohaemorrhagiae Bacterin	4639.R1	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1331R1, first licensed 02/26/2004	Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine, Modified Live Virus, Canarypox Vector	1331.R1	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 47M9R0, first licensed 08/16/2016	Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine, Modified Live Virus, Live Canarypox Vector, Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin	47M9.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 9241D0, first licensed 09/16/2015	Canine Lymphoma Vaccine, DNA	9241.D0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 9240D0, first licensed 03/22/2007	Canine Melanoma Vaccine, DNA	9240.D0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 143151, first licensed 04/19/2013	Coccidiosis Vaccine, Live Oocysts	1431.51	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1471R0, first licensed 08/02/2001	Distemper Vaccine, Live Canarypox Vector	1471.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 785000, first licensed 03/25/1997	Escherichia Coli Bacterin-Toxoid	7850.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 9401R0, first licensed 03/25/2014	Feline Interleukin-2 Immunomodulator, Live Canarypox Vector	9401.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1555R4, first licensed 12/16/2011	Feline Leukemia Vaccine, Live Canarypox Vector	1555.R4	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16F121, first licensed 07/10/2003	Feline Rhinotracheitis-Calici-Chlamydia Psittaci Vaccine, Modified Live Virus, Modified Live Chlamydia	16F1.21	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16D821, first licensed 03/02/1993	Feline Rhinotracheitis-Calici-Panleukopenia Vaccine, Modified Live Virus	16D8.21	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16E820, first licensed 09/04/1992	Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine, Modified Live Virus, Modified Live Chlamydia	16E8.20	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 161920, first licensed 09/04/1992	Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine, Modified Live & Killed Virus, Modified Live Chlamydia	1619.20	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1619R1, first licensed 12/14/1998	Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine, Modified Live Virus, and Chlamydia, Canarypox Vector	1619.R1	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16T920, first licensed 03/02/1993	Feline Rhinotracheitis-Calici-Panleukopenia-Rabies Vaccine, Modified Live & Killed Virus	16T9.20	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16T9R0, first licensed 12/14/1998	Feline Rhinotracheitis-Calici-Panleukopenia-Rabies Vaccine, Modified Live Virus, Canarypox Vector	16T9.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16C120, first licensed 09/08/1989	Feline Rhinotracheitis-Calivirus Vaccine, Modified Live Virus	16C1.21	Boehringer Ingelheim Animal Health USA Inc./Est No. 124

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02

Previous Est. No./Prod Code	True Name	Code	Purchasing Est. Name/No.
From Firm 298 - Code 160111, first licensed 04/19/2013	Fowl Laryngotracheitis Vaccine, Modified Live Virus	1601.11	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 162200, first licensed 04/19/2013	Fowl Pox Vaccine, Live Virus	1622.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 15E200, first licensed 04/19/2013	Fowl Pox-Marek's Disease Vaccine, Serotype 3, Live Virus	15E2.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 266800, first licensed 02/18/2010	Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin	2668.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 267101, first licensed 12/04/1989	Leptospira Canicola-Icterohaemorrhagiae Bacterin	2671.02	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 793500, first licensed 08/13/2004	Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid	7935.02	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16L1R0, first licensed 03/27/2017	Marek's Disease Vaccine, Serotype 1, Live Herpesvirus Chimera	16L1.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16L100, first licensed 04/19/2013	Marek's Disease Vaccine, Serotype 1, Live Virus	16L1.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 163100, first licensed 04/19/2013	Marek's Disease Vaccine, Serotype 2, Live Virus	1631.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 163104, first licensed 03/01/2018	Marek's Disease Vaccine, Serotype 2, Live Virus	1631.04	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 164100, first licensed 04/19/2013	Marek's Disease Vaccine, Serotype 3, Live Virus	1641.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 164105, first licensed 03/20/2018	Marek's Disease Vaccine, Serotype 3, Live Virus	1641.05	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16L102, first licensed 04/19/2013	Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus	16L1.02	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16G1R0, first licensed 07/19/2018	Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus, Live Herpesvirus Chimera	16G1.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 165100, first licensed 04/19/2013	Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1651.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 165101, first licensed 04/19/2013	Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	1651.01	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16N1R0, first licensed 12/28/2016	Marek's Disease-Newcastle Disease Vaccine, Serotype 3, Live Marek's Disease Vector	16N1.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17H1R1, first licensed 11/07/2017	Marek's Disease-Newcastle Disease Vaccine, Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	17H1.R1	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17H1R2, first licensed 12/11/2017	Marek's Disease-Newcastle Disease Vaccine, Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	17H1.R2	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 16T100, first licensed 04/19/2013	Marek's Disease-Tenosynovitis Vaccine, Serotypes 2 & 3, Live & Modified Live Virus	16T1.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 175100, first licensed 04/19/2013	Mycoplasma Gallisepticum Vaccine, Live Culture	1751.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 263900, first licensed 04/26/1990	Neorickettsia Risticii Bacterin	2639.00	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 171112, first licensed 04/19/2013	Newcastle Disease Vaccine, B1 Type, B1 Strain, Live Virus	1711.12	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17A210, first licensed 04/19/2013	Newcastle Disease Vaccine, B1 Type, B1 Strain, Live Virus	17A2.10	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 172111, first licensed 04/19/2013	Newcastle Disease Vaccine, B1 Type, LaSota Strain, Live Virus	1721.11	Boehringer Ingelheim Animal Health USA Inc./Est No. 124

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02

Previous Est. No./Prod Code	True Name	Code	Purchasing Est. Name/No.
From Firm 298 - Code 170110, first licensed 04/19/2013	Newcastle Disease Vaccine, VG/GA Strain, Live Virus	1701.10	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17A2V2, first licensed 08/10/2016	Newcastle Disease Vaccine, VG/GA Strain, Live Virus	17A2.V2	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17C1R0, first licensed 04/19/2013	Newcastle Disease-Fowl Pox Vaccine, Live Fowl Pox Vector	17C1.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17A11M, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Ark Types, Live Virus	17A1.1M	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17A21M, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Ark Types, Live Virus	17A2.1M	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 176114, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	1761.14	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17621H, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	1762.1H	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17621J, first licensed 02/09/2018	Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	1762.1J	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 176111, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass Type, Live Virus	1761.11	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 176211, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass Type, Live Virus	1762.11	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 177117, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass & Conn Types, Live Virus	1771.17	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 177111, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass Type, Live Virus	1771.11	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 177112, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass Type, Live Virus	1771.12	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 178512, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, Mass & Ark Types, Killed Virus	1785.12	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 17V110, first licensed 04/19/2013	Newcastle-Bronchitis Vaccine, VG/GA Strain, Mass & Conn Types, Live Virus	17V1.10	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 18M122, first licensed 05/02/1996	Parvovirus Vaccine, Modified Live Virus	18M1.26	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 188110, first licensed 04/19/2013	Pigeon Pox Vaccine, Live Virus	1881.10	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1901R0, first licensed 04/20/1995	Rabies Vaccine, Live Vaccinia Vector	1901.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 190520, first licensed 01/28/1983	Rabies Vaccine, Killed Virus	1905.20	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 190521, first licensed 12/01/1983	Rabies Vaccine, Killed Virus	1905.25	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 190523, first licensed 10/07/2002	Rabies Vaccine, Killed Virus	1905.26	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 190524, first licensed 12/19/2003	Rabies Vaccine, Killed Virus	1905.27	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 490520, first licensed 08/15/1994	Rabies Vaccine, Killed Virus, Neorickettsia Risticii Bacterin	4905.20	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1901R1, first licensed 12/22/1998	Rabies Vaccine, Live Canarypox Vector	1901.R1	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 1901R4, first licensed 05/30/2013	Rabies Vaccine, Live Canarypox Vector	1901.R4	Boehringer Ingelheim Animal Health USA Inc./Est No. 124

CENTER FOR VETERINARY BIOLOGICS NOTICE NO. 19-02**Page 10**

Previous Est. No./Prod Code	True Name	Code	Purchasing Est. Name/No.
From Firm 298 - Code A901R0, first licensed 11/20/1998	Rabies Vaccine, Live Vaccinia Vector	A901.R0	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 195103, first licensed 04/19/2013	Tenosynovitis Vaccine, Modified Live Virus	1951.03	Boehringer Ingelheim Animal Health USA Inc./Est No. 124
From Firm 298 - Code 195201, first licensed 04/19/2013	Tenosynovitis Vaccine, Modified Live Virus	1952.01	Boehringer Ingelheim Animal Health USA Inc./Est No. 124