



## Summary of Studies Supporting USDA Product Licensure

Establishment Name	Boehringer Ingelheim Animal Health USA Inc.
USDA Vet Biologics Establishment Number	124
Product Code	1231.14
True Name	Bronchitis Vaccine, Mass & Conn Types, Live Virus
Tradename(s) / Distributor or Subsidiary (if different from manufacturer)	Bron BLEN - Boehringer Ingelheim Animal Health Mexico
Date of Compilation Summary	May 17, 2019

**Disclaimer: Do not use the following studies to compare one product to another. Slight differences in study design and execution can render the comparisons meaningless.**

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Avian infectious bronchitis virus, Connecticut type
<b>Study Purpose</b>	Demonstrate efficacy against avian infectious bronchitis virus, Connecticut type
<b>Product Administration</b>	Drinking water
<b>Study Animals</b>	Chickens
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. Study data, however, are no longer available.
<b>USDA Approval Date</b>	March 28, 1977

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Avian infectious bronchitis virus, Massachusetts type
<b>Study Purpose</b>	Demonstrate efficacy against avian infectious bronchitis virus, Massachusetts type
<b>Product Administration</b>	Drinking water
<b>Study Animals</b>	Chickens
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
<b>USDA Approval Date</b>	March 28, 1977

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Avian infectious bronchitis virus, Connecticut type
<b>Study Purpose</b>	Demonstrate efficacy against avian infectious bronchitis virus, Connecticut type
<b>Product Administration</b>	
<b>Study Animals</b>	Chickens
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
<b>USDA Approval Date</b>	October 28, 1976

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Avian infectious bronchitis virus, Connecticut type
<b>Study Purpose</b>	Demonstrate efficacy against avian infectious bronchitis virus, Connecticut type
<b>Product Administration</b>	
<b>Study Animals</b>	Chickens
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
<b>USDA Approval Date</b>	July 1, 1976

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Avian infectious bronchitis virus, Connecticut type
<b>Study Purpose</b>	Demonstrate efficacy against avian infectious bronchitis virus, Connecticut type
<b>Product Administration</b>	
<b>Study Animals</b>	Chicken
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
<b>USDA Approval Date</b>	August 13, 1979

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Avian infectious bronchitis virus, Massachusetts type
<b>Study Purpose</b>	Demonstrate efficacy against avian infectious bronchitis virus, Massachusetts type
<b>Product Administration</b>	
<b>Study Animals</b>	Chicken
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. Study data, however, are no longer available.
<b>USDA Approval Date</b>	August 13, 1979

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Avian infectious bronchitis virus, Massachusetts type
<b>Study Purpose</b>	Demonstrate efficacy against avian infectious bronchitis virus, Massachusetts type
<b>Product Administration</b>	Drinking water
<b>Study Animals</b>	Chickens
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. Study data, however, are no longer available.
<b>USDA Approval Date</b>	September 24, 1976



<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Avian infectious bronchitis virus, Massachusetts type
<b>Study Purpose</b>	Demonstrate efficacy against avian infectious bronchitis virus, Massachusetts type
<b>Product Administration</b>	
<b>Study Animals</b>	Chickens
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. Study data, however, are no longer available.
<b>USDA Approval Date</b>	July 2, 1976

<b>Study Type</b>	Safety
<b>Pertaining to</b>	ALL
<b>Study Purpose</b>	To evaluate safety under field conditions
<b>Product Administration</b>	Drinking water
<b>Study Animals</b>	Chickens
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. Study data, however, are no longer available.
<b>USDA Approval Date</b>	April 9, 1984