



Summary of Studies Supporting USDA Product Licensure

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| Establishment Name | Boehringer Ingelheim Animal Health USA Inc. |
| USDA Vet Biologics Establishment Number | 124 |
| Product Code | 1233.10 |
| True Name | Bronchitis Vaccine, Mass Type, Live Virus |
| Tradename(s) / Distributor or Subsidiary (if different from manufacturer) | |
| 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.

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| Study Type | Efficacy |
| Pertaining to | Avian infectious bronchitis virus, Massachusetts type |
| Study Purpose | Demonstrate efficacy against avian infectious bronchitis virus, Massachusetts type |
| Product Administration | Eyedrop at day-of-age |
| Study Animals | Chickens |
| Challenge Description | |
| Interval observed after challenge | |
| Results | 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. |
| USDA Approval Date | August 9, 1993 |

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|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Study Type | Efficacy |
| Pertaining to | Avian infectious bronchitis virus, Massachusetts type |
| Study Purpose | Efficacy against avian infectious bronchitis virus, Massachusetts type |
| Product Administration | Eyedrop vaccination |
| Study Animals | Chickens at day-of-age |
| Challenge Description | |
| Interval observed after challenge | |
| Results | 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. |
| USDA Approval Date | 1993 |

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|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Study Type | Efficacy |
| Pertaining to | Avian infectious bronchitis virus, Massachusetts type |
| Study Purpose | Efficacy against avian infectious bronchitis virus, Massachusetts type |
| Product Administration | Coarse spray |
| Study Animals | Chickens at day-of-age |
| Challenge Description | |
| Interval observed after challenge | |
| Results | 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. |
| USDA Approval Date | February 25, 1982 |

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|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Study Type | Efficacy |
| Pertaining to | Avian infectious bronchitis virus, Massachusetts type |
| Study Purpose | Demonstrate efficacy against avian infectious bronchitis, Massachusetts type |
| Product Administration | Drinking water administration |
| Study Animals | Chickens at 14 days of age |
| Challenge Description | |
| Interval observed after challenge | |
| Results | 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. |
| USDA Approval Date | March 2, 1984 |

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|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Study Type | Safety |
| Pertaining to | ALL |
| Study Purpose | To evaluate safety under field conditions |
| Product Administration | Eyedrop at day-of-age |
| Study Animals | Chickens |
| Challenge Description | |
| Interval observed after challenge | |
| Results | 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. |
| USDA Approval Date | August 25, 1993 |

| | |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Study Type | Safety |
| Pertaining to | ALL |
| Study Purpose | To evaluate safety under field conditions |
| Product Administration | Coarse spray at day-of-age |
| Study Animals | Chickens |
| Challenge Description | |
| Interval observed after challenge | |
| Results | 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. |
| USDA Approval Date | 1981 |

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|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Study Type | Safety |
| Pertaining to | ALL |
| Study Purpose | To evaluate safety under field conditions |
| Product Administration | Drinking water administration |
| Study Animals | Chickens 10-14 days of age |
| Challenge Description | |
| Interval observed after challenge | |
| Results | 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. |
| USDA Approval Date | 1981 |