



Summary of Studies Supporting USDA Product Licensure

Establishment Name	Intervet Inc.
USDA Vet Biologics Establishment Number	165A
Product Code	19A1.00
True Name	Salmonella Choleraesuis Vaccine, Avirulent Live Culture
Tradename(s) / Distributor or Subsidiary (if different from manufacturer)	Argus SC/ST - Intervet Mexico S.A. de C.V. Argus SC/ST - Merck Animal Health Argus SC/ST - No distributor specified Porcilis Argus SC/ST - Intervet International B.V. (The Netherlands) - Merck Sharpe and Dohme (MSD) Porcilis Argus SC/ST - Merck Sharp & Dohme Saude Animal Ltda. Porcilis Argus SC/ST - No distributor specified
Date of Compilation Summary	December 02, 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.

Study Type	Efficacy
Pertaining to	<i>Salmonella choleraesuis</i>
Study Purpose	Efficacy against disease caused by <i>Salmonella choleraesuis</i>
Product Administration	
Study Animals	
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	July 18, 2002

Study Type	Efficacy
Pertaining to	<i>Salmonella typhimurium</i>
Study Purpose	Efficacy against disease caused by <i>Salmonella typhimurium</i> including shedding
Product Administration	
Study Animals	
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	September 9, 1999

Study Type	Efficacy
Pertaining to	<i>Salmonella typhimurium</i>
Study Purpose	Efficacy against disease caused by <i>Salmonella typhimurium</i>
Product Administration	
Study Animals	
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	September 9, 1999

Study Type	Safety
Pertaining to	ALL
Study Purpose	Demonstrates safety under typical field conditions
Product Administration	
Study Animals	
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	January 20, 1998