



VETERINARY HEALTH CERTIFICATE  
EXPORT OF BOVINE EMBRYOS TO THAILAND

SECTION I - INFORMATION CONCERNING THE EXPORTING COUNTRY

Exporting Country: CANADA

Issuing Authority: GOVERNMENT OF CANADA  
CANADIAN FOOD INSPECTION AGENCY

Area & District: \_\_\_\_\_

SECTION II - INFORMATION CONCERNING SHIPMENT

i) Name of Consignor: \_\_\_\_\_

Address: \_\_\_\_\_

ii) Name of Consignee: \_\_\_\_\_

Address: \_\_\_\_\_

iii) Number of embryo certified on this certificate : \_\_\_\_\_

iv) Identification of the shipping container: \_\_\_\_\_

v) Markings of official seal placed on shipping container: \_\_\_\_\_

SECTION III - INFORMATION CONCERNING THE EMBRYO COLLECTION TEAM

i) Code number and name of approved veterinarian responsible for the embryo collection team: \_\_\_\_\_

ii) Name and address of the approved embryo collection team: \_\_\_\_\_

SECTION IV - SANITARY INFORMATION

I, the undersigned official veterinarian, duly authorized by the Government of Canada, hereby certify that:

- Canada has been free from foot and mouth disease for at least three (3) years and from rinderpest, contagious bovine pleuropneumonia, vesicular stomatitis and brucellosis in cattle for the twelve (12) months preceding embryo collection and no vaccination against these diseases is authorized in Canada.
- The donor females were born and raised in Canada or have been continuously resident in Canada for the six (6) months preceding embryo collection.
- The farm of origin and/or collection centre where the embryos were collected have been free from brucellosis, tuberculosis and vesicular stomatitis for the twelve (12) months and from foot and mouth disease (FMD) for at least the three years preceding embryo collection.
- The farm of origin of the donor female and/or collection centre have been free from clinical signs of tuberculosis, brucellosis, leptospirosis, Johne's disease, enzootic bovine leucosis, infectious bovine rhinotracheitis/infectious pustular vulvovaginitis (IBR/IPV), bovine virus diarrhea/mucosal disease (BVD/MD), vesicular stomatis during the twelve (12) months preceding embryo collection.
- The farm of origin of the donor female and/or collection centre have been free from clinical signs of *Campylobacter fetus* and *trichomonas foetus* during the two (2) years preceding embryo collection.
- Prior to embryo collection period, the donor female was:

- 6.1 tested negative for bovine viral diarrhoea (BVD) using the immunoperoxidase test,
- 6.2 treated for leptospirosis with an appropriate antibiotic.
- 6.3 \* **Either**  
kept at the farm of origin and /or collection centre for the sixty (60) days and was not naturally bred during the period. In such case, no Campylobacter and trichomonas test is required.

**\*Or**

kept at the farm of origin and /or collection centre for less than sixty (60) days and was not naturally bred during the period. In such case a culture of vaginal mucus for Campylobacter fetus and for Trichomonas foetus with negative results is required.

**\* Delete unused option and initial.**

7. The embryos to be exported were conceived as the result of artificial insemination of the donor female with semen collected at a Canadian semen production centre in accordance with Canadian Regulations or with semen legally imported in Canada.
8. The donor female was inspected on the day of collection and was found in good health and free of evidence of infectious or contagious disease.
9. The embryos for export were collected and processed by the embryo collection team identified above which:
  - 9.1. is approved under the terms of the Canadian Food Inspection Agency's Embryo Export Approval Program;
  - 9.2. carried out the collection, processing, storage and transport of the embryos in accordance with procedures endorsed by the International Embryo Transfer Society (IETS) and the World Organisation for Animal Health (OIE);
  - 9.3. is subjected at least twice per year to inspection by an official veterinarian of the Canadian Food Inspection Agency.
10. The embryos were washed in groups of ten (10) or fewer through ten (10) changes of media. A fresh sterile micropipette was used to transfer the embryos between washes and each wash constituted at least a hundred fold dilution of the previous wash. The embryos were gently agitated in each of the washes. Only embryos from the same donor were washed together. In addition, the embryos were subjected to a trypsin treatment in accordance with the procedures of the Manual of the International Embryo Transfer Society.
11. Prior to freezing, the embryos were examined over their entire surface under a microscope at a minimum of 50x magnification to ensure that the zona pellucida is intact and free of any adherent material.
12. The embryos were placed in straws which were identified in accordance with the procedures of the Manual of the International Embryo Transfer Society.
13. Any material and products used during the collection, processing and storage of embryos is either new or has been sterilized by approved methods according to the IETS Manual and handled in such manner to ensure that sterility has been maintained.
14. The straws were stored only with embryos of the same health status in a secure location approved for this purpose by the Canadian Food Inspection Agency under the direct supervision of a veterinarian approved for export of embryos by the Canadian Food Inspection Agency.
15. The shipping container is either new or has been cleaned and disinfected in an approved manner. Only fresh liquid nitrogen has been used in preparing the container for export. An official seal has been placed on the shipping container.

