



Government of Canada

Gouvernement du Canada

Canadian Food Inspection Agency

Agence canadienne d'inspection des aliments

REFERENCE NUMBER: _____

**VETERINARY HEALTH CERTIFICATE
OVINE/CAPRINE EMBRYOS TO ST. VINCENT**

SECTION I

Country of Origin: **CANADA**

Issuing Authority: **CANADIAN FOOD INSPECTION AGENCY
GOVERNMENT OF CANADA**

Name of Exporter: _____

Address: _____

Name of Embryo Collection Centre or Team: _____

Address: _____

Approval Number: _____

Name of Importer: _____

Address: _____

Name of Semen Production Center: _____

Address: _____

SECTION II - DONOR/STRAW IDENTIFICATION /

NAME OF DONOR	REGISTRATION NUMBER	BREED	COLLECTION DATE (yyyy-mm-dd)	NO. OF STRAWS

Total number of straws in consignment: _____

Markings of the official Canadian Food Inspection Agency Seal placed on shipping container:

SECTION III

I, the undersigned Veterinarian, duly authorized by the Government of Canada, certify that after due enquiry and to the best of my knowledge and belief:

DISEASE FREEDOM

1. Canada is free of rinderpest, foot and mouth disease (without vaccination), peste des petits ruminants, sheep and goat pox, caprine and bovine pleuropneumonia, brucellosis (*B. abortus*, *B. melitensis*) and bluetongue (except for the Okanagan Valley of British Columbia).
2. The farm of origin is not located in the Okanagan Valley of British Columbia. The region defined as the Okanagan Valley of British Columbia is from a point on the Canada/U.S. border 120°15' longitude 49° latitude northerly to a point 119°35' longitude, 50°30' latitude north easterly to a point 119° longitude, 50°45' latitude southerly to a point on the Canada/U.S. border 118°15' longitude, 49° latitude.

EMBRYO TRANSFER CENTER

1. Is approved and supervised by the Canadian Food Inspection Agency (CFIA).
2. Is under the control and supervision of an approved veterinarian who is responsible for all activities related to the collection, handling and storage of the embryos.
3. Is physically separated from other livestock establishments.
4. The personnel are dedicated to the care of the resident animals only and follow strict hygiene procedures.
5. The collection centre is not located in a zone, nor does a mobile collection team work in a zone, that is under quarantine for a reportable disease capable of being transmitted by the embryo.

EMBRYO COLLECTION TEAM

1. The collection team maintains records of its activities.
2. The collection team has the necessary facilities, materials and equipment for collecting embryos, handling embryos in a fixed or mobile laboratory, and storing embryos.

LABORATORY

1. Is under the direct supervision of the team veterinarian and undergoes periodic inspection by an official veterinarian.
2. Undergoes periodic reviews of its record keeping, embryo identification, laboratory facility and storage areas by an official veterinarian.
3. Is not located in a zone that is under quarantine for a reportable disease capable of being transmitted by the embryo.

FARM OF ORIGIN OF FEMALE DONORS

1. The females originate from flocks:
 - officially free from *Brucella melitensis* by OIE standards;
 - free from scrapie and pulmonary adenomatosis for a minimum of five (5) years;
 - free from paratuberculosis, Maedi-Visna/CAE, border disease, *B. ovis* and contagious agalactia for a minimum of one (1) year;
2. During the six (6) months prior to entering isolation have not presented clinical evidence of infectious or contagious disease.

FEMALE DONORS

1. The female donors were isolated for a minimum of thirty (30) days prior to the first collection of embryos and during that time were tested for the following diseases with negative results:
 - *Brucella melitensis* by BPAT or CF
 - *Brucella ovis* - complement fixation test
 - paratuberculosis by CF or ELISA
 - Maedi-Visna/Caprine arthritis encephalitis by AGID or ELISA

- leptospirosis by MAT or treatment with an effective antibiotic
- 2. On the day of collection the females demonstrated no genital lesions or other signs of illness until the final collection of embryos destined for St. Vincent.

THE SEMEN

- 1. The semen used to breed the females meets the sanitary standards of semen collected in Canada for export purposes or, if natural breeding was used, the males were isolated and tested similarly to the female donors.

THE EMBRYOS

- 1. All processes were performed under aseptic conditions.
- 2. 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 was intact and free of any adherent material.
- 3. The embryos were washed at least 10 times in sterile media, each wash being 100 times the volume being transferred. Only embryos from the same donor female were washed together.
- 4. All material used in the collection or processing of the embryos was sterile.
- 5. During the collection, handling and storage procedures the embryos for export to St. Vincent have not been in contact with embryos of an inferior health status.
- 6. Only embryos from the same donor female have been placed in the same straw. The straws were sealed at the time of freezing and labeled in accordance with the IETS manual.

MEDIA

- 1. Biological products of animal origin used in the media and solutions for collection, treatment, washing, or storage of the embryo are free of pathogenic organisms. The media and solutions used for the collection, freezing and storage of embryos have been sterilized using recognized methods in accordance with the IETS Manual and precautions have been taken during handling not to compromise this sterility. Antibiotics have been added to the media used for collection, handling, washing and storage in accordance with the IETS Manual.

STORAGE AND TRANSPORT

- 1. The straws were stored in a secure location approved for this purpose by the Canadian Food Inspection Agency under the direct supervision of an embryo transfer veterinarian approved for the export of embryos by the Canadian Food Inspection Agency.
- 2. The shipping container is new or has been cleaned and disinfected and only fresh liquid nitrogen has been used.

Date (yyyy-mm-dd)

Official Export Stamp

Official Veterinarian
Canadian Food Inspection Agency
Government of Canada/