



DEPARTMENT FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS  
SCOTTISH GOVERNMENT  
WELSH GOVERNMENT  
DEPARTMENT OF AGRICULTURE, ENVIRONMENT AND RURAL AFFAIRS,  
NORTHERN IRELAND

**EXPORT OF BOVINE EMBRYOS TO UNITED ARAB EMIRATES**

**HEALTH CERTIFICATE**

NO .....

**EXPORTING COUNTRY:** UNITED KINGDOM

**FOR COMPLETION BY:** OFFICIAL VETERINARIAN

**I. Information concerning:**

a) The donor animals

	Registered name	Registration number	Species	Breed
Dam				
Sire				

b) The bovine embryos

- i. Number of embryos:
- ii. Date(s) of collection:
- iii. Total number of straws:
- iv. Identification marks/labelling of straws:

**II. Origin of the embryos:**

a) Name and address of owner of donor dam:

b) Address of herd of origin of donor dam:

c) Address of premises at which the embryos were collected:

**III. Destination of the embryos**

a) Name and address of exporter:

b) Name and address of consignee:

c) Address of final destination of the embryos:

d) Means of transportation (including registration number of vehicle, flight number of aircraft or name of ship):

e) Import permit number:

f) Serial number of tamper proof seal applied to shipping container:

**IV. Information concerning the embryo collection team:**

a) Registration number of the embryo collection team:

b) Name and address of approved embryo collection team veterinarian:

**V. Health Information**

I, the undersigned, certify that:

a) the United Kingdom was free from foot and mouth disease for at least 12 months prior to the collection of the embryos in this consignment;

b) the embryo collection premises at paragraph II c) was not subject to veterinary prohibition or quarantine measures with regard to animal disease on the day(s) of collection of the embryos;

c) the embryos were conceived as a result of \* **EITHER** artificial insemination of the donor dam \* **OR** by *in vitro* fertilisation with semen collected from a donor bull in accordance with the recommendations of Chapter 4.7 of the Terrestrial Animal Health Code of the World Organisation for Animal Health (OIE);

d) regarding BLUE TONGUE VIRUS (BTV), the semen was obtained from donor bull(s) which comply with the following conditions:

**\*(1) EITHER** they were kept in a BTV free country or zone for a period of at least 12 months before commencement of, and during, collection of the semen;

**\*OR (2)** vector protection methods are in place at the semen collection premises **AND**

**\*Either** (a) they were subjected to a serological test according to the OIE Terrestrial Manual to detect antibodies to the BTV group, with negative results, at least every 60 days during the collection period and between 28 and 60 days after the final collection for this consignment;

**\* Or** (b) they were subjected, with negative results, to an agent identification test for BTV according to the OIE Terrestrial Manual carried out on blood samples collected:

(i) at commencement and final collection of the semen for this consignment, and

(ii) during the period of semen collection for this consignment:

**\*i.** at least every seven days, in the case of a virus isolation test,

**Or \*ii.** at least every 28 days, in the case of a polymerase chain reaction (PCR) test;

- e) the donor dam came from a herd which is officially tuberculosis free, officially brucellosis free and officially enzootic bovine leukosis free;
- f) no cases of the following diseases were recorded in the herd of origin for at least 6 months prior to the collection of the embryos: trichomoniasis, chlamydia, paratuberculosis, campylobacter, contagious bovine pleuropneumonia, leptospirosis, infectious bovine rhinotracheitis;
- g) prior to collection of the embryos, the donor dam was tested for the following diseases with negative results: leptospirosis, tuberculosis, infectious bovine rhinotracheitis;
- h) the donor dam was examined on the day(s) of collection of the embryos and did not show any clinical evidence of infectious diseases transmissible in embryos;
- j) the embryos were collected and processed in accordance with the recommendations of Chapter 4.8 or Chapter 4.9 of the OIE Terrestrial Animal Health Code by an Embryo Collection Team, which is officially authorised and which is subject to at least an annual inspection by an Official Veterinarian;
- k) the embryos were collected, washed, processed, identified and stored in accordance with the protocols detailed in the current edition of the Manual of the International Embryo Transfer Society (IETS);
- l) the embryos were treated with the enzyme trypsin in accordance with the recommendations of the IETS Manual; each embryo was examined over its entire surface at not less than 50X magnification, was free of adherent material and had an intact zona pellucida; and embryos from different donors were not washed together;
- m) the embryos were collected, processed and stored in a hygienic manner that prevented contamination with pathogenic micro-organisms. All biological products of animal origin used in the media and solutions for collection, processing, washing or storage of the embryos were free of pathogenic micro-organisms. The media and solutions were sterilised by approved methods according to the IETS Manual and handled in such a

manner as to ensure that sterility was maintained. The antibiotics used were either antibiotics recommended in the IETS Manual or a combination of antibiotics with equivalent activity. All equipment used to collect, handle, wash, freeze and store the embryos was new or was sterilised prior to use;

- n) the embryos were packed in sterile straws marked as detailed in paragraph I b) (iv) of this certificate;
- o) the embryos have been stored in new or sterilised liquid nitrogen containers filled with fresh (previously unused) liquid nitrogen at an approved storage place under veterinary supervision;
- p) the container in which the embryos are to be transported has been sealed with a tamper-evident seal. The number of the seal is recorded at paragraph III f) of this certificate.

Official Stamp

Signed .....RCVS  
Official Veterinarian

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Name in block letters

Date .....

Address .....  
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