



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

EXPORT OF IN VIVO OR IN VITRO BOVINE EMBRYOS TO NEPAL

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	Date of Birth
Dam					
Sire					

b) The bovine embryos

i. Number of embryos:

ii. Date(s) of collection/production:

iii. Total number of straws:

iv. Indicate if embryos 'collected *in vivo*' or 'produced *in vitro*'

v. 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/oocytes 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-evident seal applied to shipping container:

IV. Information concerning the Embryo Collection Team or Embryo Production Team:

- a) Indicate the type of approval, 'Embryo Collection Team' or 'Embryo Production Team':
- b) Registration number of the Embryo Collection/Production Team:
- c) Name and address of approved Embryo Collection/Production Team veterinarian:

V. Health Information

I, the undersigned Official Veterinarian, certify that:

- a) The United Kingdom is officially free from foot and mouth disease (without vaccination), rinderpest, contagious bovine pleuropneumonia, vesicular stomatitis and lumpy skin disease according to the provisions of the corresponding Chapters of the World Organisation for Animal Health (WOAH) Terrestrial Animal Health Code;

- b) The donor dam had been continuously resident in the United Kingdom for a minimum of six months or since birth prior to collection of the embryos/oocytes;
- c) The donor dam had been continuously resident in the herd of origin at paragraph II b) for a minimum of thirty days immediately prior to collection of the embryos/oocytes;
- d) The donor dam came from a herd which is officially tuberculosis free, officially brucellosis free and officially enzootic bovine leukosis free;
- e) The premises at paragraph II c) at which the embryos/oocytes were collected was not subject to veterinary prohibition or quarantine measures with regard to notifiable diseases relevant to bovine species on the day(s) of collection of the embryos/oocytes;
- f) The donor dam was examined on the day(s) of collection of the embryos/oocytes and did not show any clinical evidence of infectious diseases transmissible in embryos;
- g) The embryos were conceived as a result of * **EITHER** artificial insemination of the donor dam, * **OR** by *in vitro* fertilisation of the collected oocytes, using semen collected from a donor bull resident at a semen collection centre officially approved by the United Kingdom competent veterinary authority or with semen legally imported into the United Kingdom;
- h) As required under the health testing protocols at approved semen collection centres, the donor bulls were routinely subjected to tests for the following diseases in official laboratories, with negative results, on (insert date and method of test):
 - Brucellosis.....
 - Leptospirosis.....
 - Infectious bovine rhinotracheitis (IBR).....
 - Bovine viral diarrhoea (BVD).....
 - Paratuberculosis.....
 - Trichomoniasis.....
 - Campylobacteriosis.....
- i) The donor dam was subjected to tests for the following diseases in official laboratories, with negative results, on (insert date and method of test):
 - Brucellosis.....
 - Leptospirosis.....
 - Infectious bovine rhinotracheitis (IBR).....
 - Bovine viral diarrhoea (BVD).....
 - Paratuberculosis.....
- j) With regard to Trichomoniasis and Campylobacteriosis, the donor dam was:
 - ***EITHER** subjected to tests in official laboratories, with negative results, on (insert date and method of test):
 - Trichomoniasis.....

- Campylobacteriosis.....

***OR** an official declaration has been received from the owner of the donor dam and the responsible veterinarian for the herd of origin that the donor dam has never been in contact with any bull;

k) ***[The *in vivo* embryo collection team] / *[the *in vitro* embryo production team]** is approved and supervised by the competent veterinary authority of the United Kingdom and complies with the relevant provisions of the WOAHP Terrestrial Animal Health Code;

l) The embryos/oocytes were collected, processed and stored in accordance with the recommendations of the International Embryo Transfer Society (IETS) and with the provisions of the WOAHP Terrestrial Animal Health Code;

m) The embryos were treated with the enzyme trypsin in accordance with the recommendations of the IETS Manual; and each embryo was examined over its entire surface at not less than 50X magnification and was free of adherent material and had an intact zona pellucida. Embryos from different donors were not washed together;

n) The embryos/oocytes 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;

o) The embryos were packed in sterile straws marked as detailed in paragraph I b) (v) of this certificate;

p) 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;

q) 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.

***Delete as appropriate**

Official Stamp

Signed RCVS

Official Veterinarian

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Name in block letters

Date

Address

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