



Schweiz / Suisse / Svizzera / Switzerland

Health certificate for the exportation of bovine semen to Australia

Country of dispatch: Switzerland	Approved form No. O-2013-02a	Certificate No:.....
Issuing Authority:		Import permit No:.....

0 General Information

A shipment may consist of a number of sealed tanks/containers. Each sealed tank/container must be individually and clearly identified and be listed in the relevant veterinary certificate(s) accompanying the shipment. On each veterinary certificate(s), genetic material must also be listed against the identity of the sealed tank/container in which it was shipped.

An Official Government Veterinarian must sign, date and stamp each page (and any additional documentation e.g. laboratory reports) with the stamp of the government veterinary administration.

I. Information concerning the donor animal

	Donor Nr 1	Donor Nr 2
Identification of the donor ¹							
Species							
Breed							
Date of birth							
Place of birth							
Registered entry in the herd/stud book							
Date of approval of animal for AI purpose							

II. Information concerning the semen

	Donor Nr 1	Donor Nr 2
Identification of the donor ¹							
Date of semen collection							
Number of straws in this consignment							
Straw identification							
Quantity and packing of exported semen							
Date of entry into the collection centre / resident herd							

¹ Ear-tag or tattoo or brand or microchip number

Table summarizing the required tests

Required tests	Identification of the donor ²	Date of sampling	Type of test	Test results	Name of Laboratory
BT Testing					
EHD Testing					
Schmallenberg Testing					
Others:					

Approval of semen collection centre for export to Australia

Name, address and contact details (telephone, fax) of approved centre where the semen was originally collected:	Name of centre veterinarian:

III. Origin of the semen

Approval number, name and address of exporter (AI centre or exporting owner):

.....

IV. Destination of the semen

Name and postal address of consignee:	Nature and identification of means of transport:

Shipping details

Serial number of the shipping tank:	Number of the official government seal on tank:

The tank has been sealed by the official veterinarian.

² Ear-tag or tattoo or brand or microchip number

V. Health attestation

I, the undersigned official veterinarian of the Government of SWITZERLAND hereby certify that:

1. During the period between the first and last semen collection for this consignment, the semen donor lived in Switzerland which is recognised by the OIE as a country free from foot and mouth disease (FMD) where vaccination is not practised and which meets the OIE Code article definitions of country freedom from the following diseases:
 - vesicular stomatitis
 - rinderpest
 - contagious bovine pleuropneumonia
 - lumpy skin disease
 - Rift Valley fever

2. **Johne's disease (*M. paratuberculosis*):**

Each donor showed no clinical signs of Johne's disease during the collection period.

3. **Bluetongue (BT)**

Prior to the export of this consignment each semen donor must be certified as follows for Bluetongue³ :

a)

- A competitive enzyme linked immunosorbent assay (cELISA) for antibody to the bluetongue virus (BTV) group on a blood sample, with negative results, at least every 60 days throughout the semen collection period and between 28 and 60 days after the final semen for this consignment.

or

- An agent identification test for bluetongue virus on a blood samples drawn from each donor at commencement and conclusion of, and at least every seven days (virus isolation test) or at least every 28 days [approved polymerase chain (PCR) test⁴] during semen collection for this consignment, with negative results.

(All tests for BTV should be validated according to the current OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, calibrated to a diagnostic sensitivity of at least 98.0% and carried out in a laboratory approved by the competent authority of the exporting country.)

(Serological testing for BTV antibodies with agar gel immunodiffusion (AGID) tests should not be used.)

AND

b) Donors vaccinated against BTV Yes / No

If Yes, vaccines against BTV administered to female embryo donors must be:

- Inactivated, and
- Approved by the competent authority in the exporting country, and
- Administered more than 60 days before embryo collection for this consignment.

Name of BTV vaccine used:

.....

Date of administration of BTV vaccine to embryo donor:

.....

Note: Delete or cross out as appropriate

³ The veterinary certificate must indicate the option that applies. Detailed information can be found in the table "Table summarizing the required tests" in the part I of this certificate.

⁴ Real time reverse transcriptase-polymerase chain reaction (RT-PCR) tests must be approved by the competent authority and be able to detect all known 24 BTV serotypes. These tests must use primer sequences directed against highly conserved segments of the BTV genome which code for BTV serogroup (not serotype). An example of an appropriate test is the TaqMan real time RT-PCR test according to the method of Shaw et al. (2007), which uses two primers directed against segment 1 of BTV ribonucleic acid (RNA).

4. Epizootic haemorrhagic disease of deer (EHD)

- The semen was collected from donors resident in an EHD free country or zone for at least 60 days prior to, and during, semen collection.

or

- Blood samples drawn from each donor between 28 and 60 days after final semen collection for this consignment, gave negative results to either an agar gel immunodiffusion (AGID) test or a virus neutralisation test for EHD antibodies.

or

- Blood samples were drawn from each donor at the commencement and conclusion of semen collection and at least every 7 days during semen collection and gave negative results to a virus isolation test for EHD.

or

- Blood samples were drawn from each donor at the commencement and conclusion of semen collection and at least every 28 days during semen collection and gave negative results to a polymerase chain reaction test for EHD.

Note: Delete or cross out as appropriate

5. All blood tests for disease were carried out at a laboratory approved by the Veterinary Administration of Switzerland to perform the test required for that disease.

6. The semen was collected, processed and stored in accordance with Council Directive 88/407/EEC.

7. An Approved Veterinarian:

- ensured the isolation of the donors from all other ruminants not of equivalent health status prior to semen collection;
- supervised the isolation period;
- supervised the collection of specimens for testing;
- supervised the collection and processing of the semen in accordance with the standards laid down in Council Directive 88/407/EEC and updating legislation;
- ensured that suitable antibiotics were added to the diluent and that diluents were prepared in accordance with the standards laid down in Council Directive 88/407/EEC and updating legislation, and
- verified the permanent identification of the semen straws with the identification details of the donor and date of collection or a code from which this information could be determined.

8. For sex sorted semen, either:

- Sex sorted semen is NOT included in this shipment,

or

- Sex sorted semen IS included in this shipment, and:
 - equipment used for sex-sorting sperm was cleaned and disinfected between animals according the sex semen licensor's recommendations; and
 - where seminal plasma, or components thereof, was added to sorted semen prior to cryopreservation and storage, it was derived from animals of same or better health status.

Note: Delete or cross out as appropriate

9. Storage at Approved Centre(s) or Laboratory(ies)

From the time of collection until export, the reproductive material in this consignment was stored:

- in sealed containers (e.g. straws, ampoules or vials) and identified in a legible and non-erasable manner as specified in this veterinary certificate
- only with other embryos or semen collected for export to Australia, or of equivalent health status
- in a secure place within an approved centre or laboratory and under the supervision of the Approved Veterinarian(s), and
- in containers containing only new, unused liquid nitrogen.

10. Further processing or aggregation

For this reproductive material, either:

- After leaving the approved centre under seal in shipping containers (liquid nitrogen shippers/tanks), the reproductive material was NOT removed from sealed containers (e.g. straws, ampoules or vials) for further processing or removed from the shipping container(s) for aggregation with other reproductive material.

or

- Reproductive material was shipped to another approved centre or laboratory under seal in shipping containers (liquid nitrogen shippers/tanks) and removed from sealed containers (e.g. straws, ampoules or vials) for further processing (e.g. sex sorting) or for aggregation:
 - with other reproductive material collected for export to Australia, or of equivalent health status
 - at an approved centre or laboratory and
 - under the supervision of the Approved Veterinarian(s).

In this case, provide the required data in the table above:

Seal number of each shipping container	Date of transfer between the approved centre or laboratory	Reason for transfer ⁵	Name of the approved centre or laboratory	Name of the approved Veterinarian

Note: Delete or cross out as appropriate

11. Shipping containers (Liquid nitrogen shippers/tanks)

- The shipping container was new

or

- Prior to loading, the shipping container was emptied and inspected and any loose straws removed. The shipping container, including all surfaces in contact with the straws, ampoules or vials was then disinfected with one of the following disinfectants: 2% available chlorine (e.g. chlorine bleach), 2% Virkon or irradiated at 50 kGy.

Date of disinfection / irradiation	Disinfectant used / active chemical ingredient / irradiation at ...

Note: Delete or cross out as appropriate

12. Official Government Seals

Under the supervision of an Official Veterinarian prior to export to Australia:

- the containers (e.g. straws, ampoules or vials) for reproductive material in this consignment were checked as being sealed.
- the identity of the reproductive material was checked prior to being placed into new, unused liquid nitrogen in a shipping container for export that was new or disinfected as specified in this veterinary certificate
- Only reproductive material that met Australian import conditions was added to the shipping container
- The shipping container was sealed with an official government seal and the number or mark on the seal recorded on the certificate.

The tank was sealed with the official seal, cited on the first page.

Place and Date	Name, address and Signature of the Official Veterinarian:	Official stamp and Signature of the issuing Authority ⁶
----------------	---	--

⁵ e.g. for sex sorting

⁶ An Official Government Veterinarian must sign, date and stamp (with the stamp of the government veterinary administration) each page of the veterinary certificate and all documents e.g. laboratory reports and tables which form part of the extended health certification. Certification must comply with Chapter 5.2 of the OIE Terrestrial Animal Health Code, including that any manual deletions to the health certificate must be signed and stamped by the Official Government Veterinarian.

