

**U.S. ORIGIN HEALTH CERTIFICATE FOR THE
EXPORTATION OF BOVINE SEMEN TO MALAYSIA**

II. Name and Address of Artificial Insemination Center:

Name of Consignor:
Address of Consignor:

III. Destination of the Semen:

Name of Consignee:
Address of Consignee:

I. Donor Animal and Semen Identification:

Donor Bull Registration Name	Breed	Registration Number	Number of Units	Date of Collection	Collection Code

**Additional information on attached sheet when applicable*

IV. Health Data:

A. Certification Statements:

1. The United States is free of foot-and-mouth-disease, rinderpest, Rift Valley fever, akabane, and lumpy skin disease.
2. At the time of semen collection, each donor bull was free from clinical evidence of infectious diseases including tuberculosis, brucellosis, bovine genital campylobacteriosis, bovine genital trichomoniasis, leptospirosis, and bovine virus diarrhea.
3. The artificial insemination (AI) center from which the semen originated has been clinically free of the above mentioned diseases during the 30 days prior to semen collection.
4. Each donor animal was, at the time of semen collection, part of the resident herd at a semen collection center which complies with "Certified Semen Services (CSS) Minimum Requirements for Disease Control of Semen Produced for Artificial Insemination" or the OIE code for bovine semen production.
5. Each donor animal was tested and examined prior to entry, during isolation before entering the resident herd, and before semen release and every 6 months while in the resident herd for

tuberculosis, brucellosis, bovine genital campylobacteriosis, bovine genital trichomoniasis, and leptospirosis in accordance with the CSS Minimum Requirements and found free from these diseases.

6. Each donor was tested and examined prior to entry, during isolation before entering the resident herd, and before semen release for bovine viral diarrhoea virus in accordance with the CSS Minimum Requirements and found free from this disease.
7. For heterospermic products, each donor animal has met the health conditions outlined in Certification Statements 2-6 and has met the testing conditions specified.
8. The collection, handling, and processing of semen was done in accordance with CSS Minimum Requirements or OIE Code/recommendations. The semen straws were identified and labeled according to approved codes of the United States that indicates the date of collection.
9. The donor bulls were negative to tests for the following diseases within the 6 months prior to or 6 months after semen collection for export: brucellosis, tuberculosis, leptospirosis (*L. canicola*, *L. grippityphosa*, *L. hardjo*, *L. pomona*, and *L. icterohaemorrhagiae*) bovine genital campylobacteriosis, and bovine genital trichomoniasis.
10. In lieu of testing for leptospirosis, donor bulls were treated with an effective antibiotic within 14 days prior to collection of semen for export or treatment of semen with antibiotic cocktail with known efficacy against Leptospire: 50 mcg tylosin, 250 mcg gentamycin, 150 Lincomycin, and 300 mcg Spectinomycin per ml of frozen semen..
11. The following antibiotics have been added to the semen and the extender during processing:

	Neat Semen	Final Concentration for a 2- Step Extender (a)	Final Concentration for a 1-Step Extender (b)
1. Gentamicin	500 mcg per ml	250 mcg per ml	500 mcg per ml
2. Tylosin	100 mcg per ml	50 mcg per ml	100 mcg per ml
3. Lincomycin	300 mcg per ml	150 mcg per ml	300 mcg per ml
4. Spectinomycin	600 mcg per ml	300 mcg per ml	600 mcg per ml

(a) composed of non-glycerol and glycerol containing fractions for processing

(b) Non-fractionated regarding glycerol content during processing

V. Test Requirements

The donor bulls were negative to the following tests within 6 months prior to or 6 months after the collection of the semen for export

Items	Disease	Tests
1	Brucellosis:	Complement fixation (CF), buffered Brucella antigen test, SPT/STT OR other official USDA APHIS approved test
2	Tuberculosis:	Negative to an official USDA prescribed test (name the prescribed tuberculin test or gamma interferon test)
3	Bovine Campylobacteriosis & Vibriosis	Culture of preputial material OR Polymerase chain reaction (PCR) of preputial material OR Screen preputial material using Florescent Antibody (FA). Any positive FA must be followed by a culture of preputial material, for final determination.
4	Bovine veneral Trichomoniasis	Microscopic exam of cultured preputial material OR PCR of preputial material
5	Leptospirosis:	Microtiter agglutination test with negative results at the 1:400 dilution for serotypes <i>L pomona</i> , <i>L hardjo</i> , <i>L canicola</i> , <i>L grippotyphosa</i> , and <i>L icterohaemorrhagiae</i>

VI. Other information

1. The animal health management and testing requirements of Certified Semen Services (National Association of Animal Breeders) are available on http://www.naab-css.org/about_css.
2. The (date) semen health protocol will remain in effect and semen will be qualified for (country) using this protocol during any subsequent negotiations regarding this semen health protocol and until any negotiated changes are finalized and implemented.

FEDERAL ENDORSEMENT

 Type or Print - Name and Address
 of Issuing Accredited Veterinarian

 Type or Print - Name of Endorsing
 Federal Veterinarian

 Date issued and signature of Accredited Veterinarian
 if USDA Seal

 Date Endorsed and Signature
 Endorsing Federal Veterinarian (Valid only
 appears over signature).

Health Certificate No. _____
(Valid Only if USDA Seal Appears
Over the Certificate Number)

NOTE: Please enter date and type of the last resident herd test done for those tests listed in the chart.

Donor Bull Identification	Semen Collection Date (Collection Code)	Brucellosis Test & Sample Date	Tuberculosis Test & Sample Date	Campylobacteriosis Test & Sample Date	Trichomoniasis Test & Sample Date	Leptospirosis Test & Sample Date