VETERINARY HEALTH CERTIFICATE FOR EXPORT OF BOVINE EMBRYOS FROM THE UNITED STATES OF AMERICA TO THE REPUBLIC OF MOZAMBIQUE

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Veterinary Authority	Date Of Issue		Certificate Number				
UNITED STATES DEPARTMENT OF AGRICULTURE				New Str			
1. Consignor:		2. Consigr	ee:	~~~~~~			
3. Country Of Origin: USA			4. State Of Origin:				
3. Country Of Destination: MOZAMBIQUE			6. Zone Of Destination:				
7. Place Of Origin:		8. Port Of E	mbarkation:				
9. Estimated Date Of Shipment:			10. Means Of Transport:				
11. ***********************************			12. CITES Permit Number:				
13. Description Of Commodity: Bovine embryos		14. ***** ******** *******	**************************************	**************************************			
15. Total Quantity:		16. Additio	onal Information: ************************************	*****			
17. Total Number Of Packages/Containers:	* * * * * * * * * * * * * * * * * * * *	******	****************************	*****			
18. Identification / Seal Numbers:							
19. Commodities Intended Use: Breeding/rearing			20. Type Of Admission: Permanent import				

21. Identification Of Commodities:

	Donor Dam Identification Number	Donor Sire Identification Number	Embryo Collection Date	Straw Identification	Number of Straws
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

NOTE: If more space is needed, a separate table can be created, signed by the USDA Accredited Veterinarian and becomes part of this certificate.

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II. ANIMAL HEALTH CERTIFICATIONS STATEMENTS:

I, the undersigned USDA Accredited Veterinarian, certify to the following statements.

- 1. The United States is free of contagious bovine pleuropneumonia, foot and mouth disease, lumpy skin disease, and Rift Valley fever, without vaccination.
- 2. The embryos were collected in establishments free of brucellosis and tuberculosis, which has been free of clinical cases of brucellosis and tuberculosis during the thirty (30) days prior to commencement, until conclusion of collection of embryos for export; OR donors were tested against brucellosis and tuberculosis according to the pest prescribed by WOAH at 180 day intervals with negative results, as described in Part III of this health certificate.
- 3. The embryos were collected on a premises which has been free of clinical cases of bovine viral diarrhea (BVD), campylobacteriosis, trichomoniasis, and leptospirosis, during the thirty (30) days prior to commencement, until conclusion of, embryo collection for export.
- 4. No confirmed cases of vesicular stomatitis have been reported within a 50 km radius of the collection premises for the 6 months prior to collection.
- 5. Donor animals:
 - a. were continuous residents in the United States either for a minimum of sixty (60) days immediately preceding collection of the embryos for export or have been resident since birth.
 - b. were identified by a permanent identification system recognized by the USDA.
 - c. were continuous residents of the collection premises for sixty (60) days prior to collection, and were not used for natural mating during that time.
 - d. were not resident in any establishment that is subject to quarantine restrictions due to diseases which affect cattle for at least the 90 days before embryo collection for this consignment, until completion of the testing of the donors.
 - e. originate from states officially free of tuberculosis and brucellosis; OR were tested against brucellosis and tuberculosis according to the test prescribed by WOAH at 180 days intervals with negative results, as described in Part III of this health certificate.
 - f. on the day(s) of collection the donor did not show any clinical evidence of infectious diseases transmissible via embryos, including listeriosis, bovine viral diarrhea/mucosal disease, and Johne's disease.
- 6. The embryos for export:
 - a. were produced with semen in accordance with the provisions of Chapter 4.6 of WOAH Terrestrial Animal Health Code.
 - b. were collected by an embryo collection team approved by USDA APHIS, annually.
 - c. were collected, processed and stored in accordance with the procedures established by the International Embryo Technology Society (IETS).
 - d. are sealed in straws or vials that are clearly and permanently marked to identify the donor and the date(s) of collection in accordance with the recommendations of the IETS.
 - e. are stored in the frozen state for at least 30 days after collection before shipment, and during this time, the donors, and all animals in contact with them, have remained free from clinical cases of infectious and contagious diseases that are transmissible via embryos.
 - f. were frozen in fresh liquid nitrogen or other cryoprotectant, and then stored in cleaned and disinfected tanks or new containers, under strict hygienic conditions.
 - g. will be shipped in cryogenic containers sealed by a USDA Accredited Veterinarian, prior to shipment.

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III. TEST REQUIREMENTS:

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Each donor female was test negative for the following diseases within 180 days prior to or 180 days after collection, unless otherwise specified below, in a laboratory acceptable to APHIS:

1.	Tuberculosis ¹ :	Intradermal test using bovine PPD tuberculin OR other test accepted by USDA.
2.	Brucellosis ¹ :	Complement fixation test at a 1:10 dilution <u>OR</u> buffered <i>Brucella</i> antigen test (i.e., card test) <u>OR</u> enzyme-linked immunosorbent assay (ELISA) <u>OR</u> fluorescent polarization assay (FPA) <u>OR</u> standard tube test or standard plate agglutination test at 1:50 dilution <u>OR</u> other test accepted by USDA.
3.	Campylobacteriosis ² :	Culture or PCR of cultured vaginal mucus material
4.	Trichomoniasis ² :	Culture or PCR of cultured vaginal mucus material
5.	Vesicular stomatitis:	Virus neutralization \underline{OR} ELISA \underline{OR} complement fixation test
6.	Leptospirosis:	a. Microtiter agglutination test, at the 1:400 dilution for serotypes: <i>L. canicola, L.grippotyphosa, L. hardjo, L. pomona, and L. icterohaemmorhagiae</i> OR other test accepted by USDA.
		O.D.

<u>OR</u>

b. Donors were treated with an effective antibiotic within 14 days prior to collection of semen for export.

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¹Testing is not required of donors that originate from herds that are Certified and Accredited Free of brucellosis and tuberculosis, respectively. ²Testing is not required of donors that have never been used for natural breeding.

Name of USDA Accredited Veterinarian	Name of APHIS Veterinarian
Signature of USDA Accredited Veterinarian	Signature of APHIS Veterinarian
Date	Date

	Straw	Tuberculosis	Brucellosis	Campylobacteriosis	Trichimoniasis	Vesicular Stomatitis	Leptospirosis
Donor Identification	Identification	Test Type & Date	Test Type & Date	Test Type & Date	Test Type & Date	Test Type & Date	Test Type & Date