# VETERINARY HEALTH CERTIFICATE FOR EXPORT OF BOVINE SEMEN FROM THE UNITED STATES OF AMERICA TO THE REPUBLIC OF TUNISIA

Veterinary Authority UNITED STATES DEPARTMENT OF AGRICULTURE	Date Of Issue	Certificate Nu		ber		
1. Consignor:		2. Consi	gnee:			
3. Country Of Origin: USA		4. State Of Origin:				
3. Country Of Destination: Tunisia		6. Zone Of Destination:  ***********************************				
7. Place Of Origin:		8. Port Of Embarkation:				
Q. Estimated Date Of Shipmont:		10 Moor	os Of Transport:			
9. Estimated Date Of Shipment:		10. Means Of Transport:				
11. Identification / Seal Numbers: ************************************	*****		e Of Destination	*******	******	
**************************************		14. ************************************				
15. Total Quantity:		16. Additional Information:  ***********************************				
17. Additional Information:						
18. Identification / Seal Numbers:						
19. Commodities Intended Use:		20. Type Of Admission:  Permanent import				
21. Identification Of Commodities:						
Registered Name and Identification number	Breed	Age	Collection date	Collection code	Number of straws	
1						
3						

	Registered Name and Identification number	Breed	Age	Collection date	Collection code	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, peste des petits ruminants, lumpy skin disease, Rift Valley fever, and bovine malignant catarrhal fever.
- 2. The semen collection center has been free of clinical cases of brucellosis and tuberculosis during the thirty (30) days prior to commencement, until conclusion of, semen collection for export.

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3. The semen collection center has been free of clinical cases of clinical cases of campylobacteriosis, trichomoniasis, enzootic bovine leucosis (EBL), bluetongue virus, and bovine viral diarrhea (BVD) during the thirty (30) days prior to commencement, until conclusion of, semen collection for export.

#### 4. Donor animals:

- a. were born and raised in the United States or have remained in the United States for a period of at least 60 days prior to semen collection.
- b. were identified by a permanent identification system recognized by the USDA.
- c. were not resident in any establishment that is subject to quarantine restrictions for at least the 90 days before the first semen collection for this consignment, until completion of the testing of the donors.
- d. health status on the day(s) of collection was monitored and recorded, and the donor did not show any clinical evidence of infectious diseases transmissible in semen.
- e. were isolated for at least 28 days at a semen collection center inspected and approved annually by APHIS. During this time, the animals were not used for natural mating and were isolated from animals not of equivalent health status.

#### 5. The semen for export:

- a. was collected, handled, prepared, processed and stored at an approved semen collection center or semen storage center, in accordance with the World Organization for Animal Health (OIE)
   Terrestrial Animal Health Code, which has been inspected annually by an APHIS veterinarian, and is under the supervision of a USDA accredited veterinarian.
- b. includes antibiotics added to the semen diluent in accordance with OIE Terrestrial Animal Health Code. After addition of antibiotics, the semen was kept above 5°C for at least 45 minutes.

  Name and concentration of antibiotics:
- c. is sealed in straws or vials that are clearly and permanently marked to identify the donor and the date(s) of collection. The marking, in accordance with the OIE Terrestrial Animal Health Code, conforms to the international standards of the International Committee for Animal Recording (ICAR; <a href="www.icar.org">www.icar.org</a>).
- d. was 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 any diseases transmissible in semen.

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### III. TEST REQUIREMENTS:

Each donor animal was examined during the isolation period, before entering the resident herd, for tuberculosis, brucellosis, BVD, campylobacteriosis, trichomoniasis, EBL, and bluetongue, and found to be test negative (with the exception of serological test for BVD) for the following diseases within six months prior to or post collection, unless otherwise specified below:

therv	vise specified below:	
1.	Tuberculosis:	Intradermal caudal fold test using bovine PPD tuberculin Test date(s)
2.	Brucellosis:	Complement fixation test at a 1:10 dilution <sup>1</sup> <u>or</u> buffered <i>Brucella</i> antigen test (i.e., card test <sup>1</sup> ) <u>or</u> Enzyme-linked immunosorbent assay (ELISA) <sup>1</sup> <u>or</u> Fluorescent Polarization Assay (FPA) <sup>1</sup> <u>or</u> standard tube test or standard plate agglutination test at 1:50 dilution <sup>1</sup> .  Test date(s)
3.	Bovine Viral Diarrhea (BVD):	Virus isolation test <sup>1</sup> <u>or</u> viral antigen test (ELISA) <sup>1</sup> Test date(s)
		Serological test by viral neutralization <sup>1</sup> or ELISA <sup>1</sup> in order to determine the presence of absence of antibodies. <sup>2</sup> Test date(s)
4.	Campylobacteriosis:	Test date(s)
5.	Trichomoniasis:	Test date(s)
6.	Enzootic Bovine Leukosis (EB)	L): Test date(s)
7.	Bluetongue:	Serological test (ELISA or AGID) to detect antibodies to the bluetongue virus group, with negative results, at least every 60 days throughout the collection period and between 28 and 60 days after the final collection for this consignment or agent identification test on blood samples collected at commencement and conclusion of, and at least every 7 days (virus isolation) or at least every 28 days (PCR test) during, semen collection for this consignment, with negative results or PCR test on an aliquot of semen from each collection in this consignment.
8.	Infectious Bovine Rhinotrachei	tis / Infectious Pustular Vulvovaginitis (IBR/IPV): Diagnostic test for IBR/IPV on a blood sample taken at least 21 days after collection of the semen, with negative results¹ or if the serological status of the bull is unknown or if the bull is serologically positive, an aliquot of each semen collection code for export was subjected to a virus isolation test, or PCR,¹ performed in accordance with the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals.  Test date(s)

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Epizootic Hemorrhagic Disease (EHD): Serological test to detect antibodies to EHD group, with negative results, at least every 60 days throughout the collection period and between 28 and 60 days after the final collection for this consignment<sup>1</sup> or agent identification test on blood samples collected at commencement and conclusion of, and at least every 7 days (virus isolation test) or at least every 28 days (PCR test) during, semen collection for this consignment, with negative results. <sup>1</sup>

All tests must be carried out in approved laboratories.  1 Delete as appropriate.  2 Prior to the initial dispatch of semen from BVD serologically positive bulls, a semen sample from each animal should be subjected to a virus isolation or virus antigen test for BVD. In the event of a positive result, the bull should be removed from the Center and all of its semen destroyed.		
Name of Endorsing Federal Veterinary Medical Officer		
Name of Endorsing Pederal Vetermary Medical Officer		
Date		
Signature of Endorsing Federal Veterinary Medical Officer		