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

Veterinary Authority UNITED STATES DEPARTMENT OF AGRICULTURE		Date Of Issue	Date Of Issue		Certificate Number				
1. Consignor:			2. Consignee:						
3. Co US	untry Of Origin:		4. State Of Origin:						
2 Co	intry Of Destination:		6 7000	Of Destina	tion				
3. Country Of Destination: SENEGAL						*****	*****		
7. Pla	ce Of Origin:		8. Port Of	f Embarkat	ion:				
9. Estimated Date Of Shipment:			10. Means	s Of Transj	port:				
11.**	*****			S Permit N *******	umber: ***********	****	* * * * * * * * * * * * * * * * * *		
			*****			*****			
13. Description Of Commodity: Bovine semen			<b>14.</b> ************************************						
15. Tot	al Quantity:		<b>16. Additional Information:</b>						
17. To	otal Number Of Packages/Containers:								
18. Id	entification / Seal Numbers:								
<b>19. Co</b> Bree	mmodities Intended Use: ding/rearing			<b>Of Admis</b> manent i					
Bree	mmodities Intended Use: ding/rearing entification Of Commodities:								
Bree	ding/rearing entification Of Commodities:	entification number				Collection c	ode Number of straw		
Bree	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection c	ode		
Bree 21. Id 1 2	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection c	ode		
Bree 21. Id 1 2 3	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection o	ode		
Bree 21. ldd 1 2 3 4	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection c	ode		
Bree 21. ldo 1 2 3 4 5	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection of	ode		
Bree 21. ldd 1 2 3 4	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection c	ode		
Bree 21. Id 1 2 3 4 5 6	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection c	ode		
Bree 21. Id 1 2 3 4 5 6 7	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection c	ode		
1 2 3 4 5 6 7 8	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection c	ode		
Bree 21. Id 1 2 3 4 5 6 7 8 9 10 11	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection of	ode		
Bree 21. Id 1 2 3 4 5 6 7 8 9 10 11 12	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection c	ode		
Bree 21. Idd 1 2 3 4 5 6 7 8 9 10 11 12 13	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection c	ode		
Bree 21. Id 1 2 3 4 5 6 7 8 9 10 11 12	ding/rearing entification Of Commodities:	entification number	Perm	Age or Date of	mport Collection	Collection of	ode		

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Date Of Issue

Veterinary Authority							
UNITED	STATES	DEPARTMENT	OF	AGRICULTURE			

Certificate Number



## **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 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.
- 3. The semen collection center has been free of clinical cases of campylobacteriosis, trichomoniasis, and leptospirosis during the thirty (30) days prior to commencement, until conclusion of, semen collection for export.
- 4. Donor animals:
  - a. were continuous residents in the United States either for a minimum of sixty (60) days immediately preceding collection of the semen for export or have been resident since birth.
  - 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 due to diagnosed diseases which affect cattle, for at least the 90 days before the first semen collection for this consignment through completion of the testing of the donors.
  - d. on the day(s) of collection the donor did not show any clinical evidence of infectious diseases transmissible in semen.
  - e. were not used for natural mating and were isolated from animals not of equivalent health status since arriving at the semen collection center.
- 5. The semen for export:
  - a. was collected, processed and stored at an approved semen collection center in a manner that is acceptable to the USDA, and is under the supervision of the USDA Accredited Veterinarian.
  - b. is sealed in straws or vials that are clearly and permanently marked to identify the donor and the date(s) of collection.
  - c. were frozen in fresh liquid nitrogen or liquid nitrogen vapor, and then stored in cleaned and disinfected tanks or new containers, under strict hygienic conditions.
  - d. will be shipped in cryogenic containers sealed by a USDA Accredited Veterinarian, prior to shipment.

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# III. TEST REQUIREMENTS:

UNITED STATES DEPARTMENT OF AGRICULTURE

Veterinary Authority

Each donor animal was test negative for the following diseases within six months prior to or six months after collection, unless otherwise specified below, in a laboratory acceptable to APHIS, as noted on the attached test chart:

1. Tuberculosis <sup>1</sup> :	Intradermal test using bovine PPD tuberculin <b>OR</b> other test accepted by USDA.
2. Brucellosis <sup>1</sup> :	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 <sup>2</sup> :	Culture or PCR of cultured preputial material
4. Trichomoniasis <sup>2</sup> :	Culture or PCR of cultured preputial material
5. Leptospirosis:	Microtiter agglutination test, at the 1:400 dilution for serotypes: L.canicola, L. grippotyphosa, L. hardjo, L. pomona, and L. icterohaemmorhagiae <u>OR</u> other test accepted by USDA.

<sup>1</sup>Testing is not required of bulls that originate from herds that are Certified and Accredited Free of brucellosis and tuberculosis, respectively. <sup>2</sup>Testing is not required of bulls 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	

		Tuberculosis	Brucellosis	Campylobacteriosis	Trichomoniasis	Leptospirosis
<b>Donor Bull Identification</b>	Collection					
	Code	Test Type &	Test Type &	Test Type &	Test Type &	Test Type &
		Date	Date	Date	Date	Date