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Report Highlights:

This FAIRS-Ghana Export Certificate Report Annual - 2025, highlights the certificates and permits that the Ghanaian government requires for the import of U.S.-origin food and agricultural into Ghana. This report complements the FAIRS-GHANA | GH2025-0019 | Ghana Country Report Annual - 2025. FAS Accra recommends that prospective exporters familiarize themselves with both reports for a better understanding of Ghana's food and agricultural standards and requirements, export certifications, and permit requirements.

DISCLAIMER: This report was prepared by the U.S. Embassy/USDA-Foreign Agricultural Service (FAS) Office of Agricultural Affairs (OAA) Accra, Ghana for U.S. exporters of domestic food and agricultural products. While every possible care has been taken in the preparation of this report, the information provided may not be completely accurate either because policies have changed since its preparation, or because clear and consistent information about these policies was not available. It is highly recommended that U.S. exporters verify the full set of import requirements with their foreign customers, who are normally best equipped to research such matters with local authorities, before any goods are shipped. **FINAL IMPORT APPROVAL OF ANY PRODUCTS IS SUBJECT TO THE IMPORTING COUNTRY'S RULES AND REGULATIONS AS INTERPRETED BY BORDER OFFICIALS AT THE TIME OF PRODUCT ENTRY.** [Note: Use Google Chrome to access the links that do not open in Microsoft Edge.]

TABLE OF CONTENTS

Executive Summary:	4
Section I: List of Export Certificates Required by Ghana (Matrix)	5
Section II: Specific Attestations Required on Export Certificate(s)	6
Section III: Government Certificate Legal Entry Requirements	11
Section IV: Other Certification/Accreditation Requirements to Ensure Market Entry	11
Appendix I: Examples of Export Certificates for Ghana	13
Appendix II: Ghana FDA Regulated Products	32

EXECUTIVE SUMMARY:

This FAIRS-Ghana Export Certificate Report Annual - 2025, highlights the current certificates and permits that the Ghanaian government requires for the import of U.S.-origin food and agricultural into Ghana. This report complements FAS Accra's (Post) FAIRS-GHANA | GH2025-0019 | Ghana Country Report Annual - 2025. Post recommends that prospective exporters familiarize themselves with both reports for a better understanding of Ghana's food and agricultural standards and requirements, export certifications, and permits.

The Ghana Food and Drugs Authority (Ghana FDA) oversees certification requirements for all food and agricultural imports. Depending on the nature of the product, the Ghana FDA collaborates with the relevant directorates under the Ministry of Food and Agriculture (MoFA), including the Veterinary Services Directorate (VSD), the Animal Production Directorate (APD), and the Plant Protection and Regulatory Services Directorate (PPRSD). The Ghana Standards Authority (Ghana SA) sets these standards, which are enforced by the Ghana FDA.

FAS Accra recommends that prospective exporters familiarize themselves with the applicable laws and regulations enforced by Ghana's regulatory agencies, particularly those relating to product certification. All imports of food and agricultural products, irrespective of type, must comply with Ghana's health, sanitary, and phytosanitary regulations and procedures. Importers are legally responsible for ensuring that imported products fully meet these requirements. Export certificates must include specific attestations, such as, certification statements, laboratory test results, and embarkation declarations. Also to be legally admissible for sale in the Ghanaian market, all food products—regardless of source or origin—must first be registered with the Ghana FDA.

SECTION I: LIST OF EXPORT CERTIFICATES REQUIRED BY GHANA (MATRIX)

Export Certificates Matrix

Product(s)	Title of the Certificate	Attestation Required on the Certificate	Purpose	Requesting Ministry
Poultry and	Food Safety and Inspection Service	See, Section II	Certify exporting	MoFA (VSD)/
Poultry Products	(FSIS) Form 9060-5Export	and Certificate #1	country free from	Ghana FDA
	Certificate of Wholesomeness	in Appendix I	avian influenza.	
Beef and Beef	FSIS Form 9060-5Export	See, Section II	Food Safety	MoFA (VSD)/
Products	Certificate of Wholesomeness	and Certificate #2		Ghana FDA
		in Appendix I		
Pork and Pork	FSIS Form 9060-5Export	See, Section II	Food Safety	MoFA (VSD)/
Products	Certificate of Wholesomeness	and Certificate #2		Ghana FDA
		in Appendix I		
Lamb and Lamb	FSIS Form 9060-5Export	See, Section II	Food Safety	MoFA (VSD)/
Products	Certificate of Wholesomeness	and Certificate #2		Ghana FDA
		in Appendix I		
Goat and Goat	FSIS Form 9060-5Export	See, Section II	Food Safety	MoFA (VSD)/
Products	Certificate of Wholesomeness	and Certificate #2	•	Ghana FDA
		in Appendix I		
Live Poultry, Day-	Animal and Plant Health Inspection	See, Section II	Animal Health/	MoFA (APD/
old Chicks and	Service (APHIS) VS Form 17-6	and Certificate #3	Sanitary	VSD)
Hatching Eggs	Certificate for Poultry or Hatching	in Appendix I		
0 00	Eggs for Export	•		
Live Animals,	APHIS VS Form 17-37 Certificate	See, Section II	Animal Health/	MoFA (APD/
Bovine	of Inspection for Export of Cattle/	and Certificate #4	Sanitary	VSD)
	U.Sorigin Health Certificate	in Appendix I		
Bovine Semen	APHIS VS Form 17-37 Certificate	See, Section II	Health/ Sanitary	MoFA (APD/
	of Inspection for Export of Bovine	and Certificate #5		VSD)
	Semen/ U.Sorigin Health	in Appendix I		,
	Certificate			
Bovine Embryos	APHIS VS Form 17-37 Certificate	See, Section II	Health/ Sanitary	MoFA (APD/
·	of Inspection for export of Bovine	and Certificate #6	Ĭ	VSD)
	embryos/ U.Sorigin Health	in Appendix I		,
	Certificate			
Live Animals/	APHIS VS Form 17-37 Certificate	See, Section II	Animal Health/	MoFA (APD/
Sheep and Goats	of Inspection for Export of Sheep	and Certificate #7	Sanitary	VSD)
1	and Goats/ U.Sorigin Health	in Appendix I		,
	Certificate			
Ovine and	APHIS VS Form 17-37 Certificate	See, Section II	Health/ Sanitary	MoFA (APD/
Caprine Semen	of Inspection for Export of Ovine	and Certificate #8		VSD)
1	and Caprine Semen/ U.Sorigin	in Appendix I		, , , , , , , , , , , , , , , , , , ,
	Health Certificate	11		
Ovine and	APHIS VS Form 17-37 Certificate	See, Section II	Health/ Sanitary	MoFA (APD/
Caprine Embryos	of Inspection for Export of Ovine	and Certificate #9		VSD)
	and Caprine embryos/U.Sorigin	in Appendix I		,
	Health Certificate	r r		
Plant and Plant	Phytosanitary Certificate	See, Section II	Phytosanitary	MoFA
Products	J J	,	J 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(PPRSD)

SECTION II: SPECIFIC ATTESTATIONS REQUIRED ON EXPORT CERTIFICATE(S)

Product (s)	Certificate Name	Required Attestation(s)
Poultry and Poultry Products	An FSIS Meat and Poultry Export Certificate of Wholesomeness (FSIS Form 9060-5) must accompany all U.S. poultry and poultry products.	 The Ghana Standards Authority (Ghana SA) requires the maximum fat content standard for poultry to be fifteen (15) percent. Exporters must ensure that the health certificate accompanying all poultry shipments to Ghana includes the following statement: "Fat content is 15% or less" and meets all requirements as described on the import permit. FSIS personnel should not sign this statement. This statement should be supported by fat analysis performed in a USDA certified laboratory.
Beef and Beef Products	An FSIS Meat and Poultry Export Certificate of Wholesomeness (FSIS 9060-5) must accompany all U.S. beef and beef products.	 The Ghana SA requires the maximum fat content standard for beef and beef products should not be more than twenty-five (25) percent. Exporters must ensure that the health certificate accompanying all beef and beef products shipments to Ghana includes the following statement: "Fat content should not be more than 25%" and meets all requirements as described on the import permit. FSIS personnel should not sign this statement. This statement should be supported by fat analysis performed in a USDA certified laboratory.
Pork and Pork Products	An FSIS Meat and Poultry Export Certificate of Wholesomeness (FSIS 9060-5) must accompany all U.S. beef and beef products.	 The Ghana SA requires the maximum fat content standard for beef and beef products should not be more than twenty-five (25) percent. Exporters must ensure that the health certificate accompanying all beef and beef products shipments to Ghana includes the following statement: "Fat content should not be more than 25% and meets all requirements as described on the import permit. FSIS personnel should not sign this statement. This statement should be supported by fat analysis performed in a USDA certified laboratory.
Lamb and Lamb Products	An FSIS Meat and Poultry Export Certificate of Wholesomeness (FSIS 9060-5).	 The Ghana SA requires the maximum fat content standard for beef and beef products should not be more than twenty-five (25) percent. Exporters must ensure that the health certificate accompanying all beef and beef products shipments to Ghana includes the following statement: "Fat content should not be more than 25% and meets all requirements as described on the import permit. FSIS personnel should not sign this statement. This statement should be supported by fat analysis performed in a USDA certified laboratory.
Goat and Goat Products	An FSIS Meat and Poultry Export Certificate of Wholesomeness (FSIS 9060-5).	 The Ghana SA requires the maximum fat content standard for beef and beef products should not be more than twenty-five (25) percent. Exporters must ensure that the health certificate accompanying all beef and beef products shipments to Ghana includes the following statement: "Fat content should not be more than 25% and meets all requirements as described on the import permit. FSIS personnel should not sign this statement. This statement should be supported by fat analysis performed in a USDA certified laboratory.

Live Birds/ Day-old Chicks/	Certificate for Poultry or Hatching Eggs for Export"	 The birds show no clinical sign of diseases. The birds come from establishments and/or hatcheries which are regularly
Hatching Eggs	(VS Form 17-6).	 inspected by the veterinary authority. The Veterinary Authority at the point of embarkation should issue the health certificate accompanying all live fowl, day-old chick and/or hatching eggs shortly before shipment.
Live Animals/ Bovine	An APHIS Certificate of Inspections of Export Animals and/or a U.S. origin Health Certificate. Certificate of Inspection of Export Animals /U.Sorigin Health Certificate (VS Form17-37).	 The United States is free of contagious bovine pleuropneumonia and foot and mouth disease. The United States is recognized by the World Organization for Animal Health (WOAH) as a country with negligible risk of bovine spongiform encephalopathy (BSE).¹ The State(s) of Origin has been free of clinical cases brucellosis and tuberculosis for the last 12-months prior to export. The Herd of Origin has been free of clinical cases of bovine leucosis, infectious bovine rhinotracheitis, campylobacteriosis and trichomoniasis for the last 12-months prior to export. The animals were isolated for at least 21-days immediately prior to export, in a facility approved by a USDA accredited veterinarian. The animals were inspected within 21-days prior to export and found to be free from clinical evidence of communicable diseases. Test Requirements: The cattle must show negative results for the diseases listed below (mark through the non-applicable testing option): Tuberculosis: Intradermal test using bovine PPD tuberculin. Brucellosis OR other test accepted by USDA Test date(s). Complement fixation test at a 1:10 dilution OR buffered Brucella antigen test (i.e., card test) OR Enzyme-linked immunosorbent assay (ELISA) or standard tube test OR plate agglutination test at a 1:50 dilution. Test date(s).
Bovine Semen	Health Certificate for Inspection of Export of Semen/U.Sorigin Health Certificate (VS Form 17-37).	 The United States is free of contagious bovine pleuropneumonia, foot-and-mouth disease, lumpy skin disease, and Rift Valley fever, without vaccination. The semen collection center has been free of clinical cases of brucellosis and tuberculosis during the thirty (30) prior to commencement, until conclusion of, semen collection for export. 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. 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.

¹ In May 2022, the World Organization for Animal Health stopped using the historical acronym OIE and uses now WOAH.

		 the USDA. c. Where not resident in any establishment that is subject to quarantine restrictions due to diagnosed diseases which affect cattle, for at least the ninety (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. These were not used for natural mating and were isolated from animals not of equivalent health status since arriving at the semen collection center.
		 The semen for exports: 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.
		 Test Requirements: Each donor animal should test negative for the following diseases within six (6) months prior to or six (6) months after collection, unless otherwise specified below, in a laboratory acceptable to APHIS:
		 a. Tuberculosis: Intradermal test using bovine PPD tuberculin OR other test accepted by USDA. b. Brucellosis1: Complement fixation test at a 1:10 dilution OR buffered Brucella antigen test (i.e., card test) OR enzyme-linked immunosorbent assay (ELISA) OR fluorescent polarization assay (FPA) OR standard tube test or standard plate agglutination test at 1:50 dilution OR other test accepted by USDA.
Bovine Embryos	Health Certificate for Inspection of Export Embryo/ U.Sorigin Health Certificate (VS Form17-37).	 The United States is free of contagious bovine pleuropneumonia, foot and mouth disease, lumpy skin disease, and Rift Valley fever, without vaccination. The embryos were collected on a premises 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. 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.
		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

	1		
			export or have been resident since birth.
			 b. Were identified by a permanent identification system recognized by the USDA. c. Where not resident in any establishment that is subject to quarantine restrictions due to diseases which affect cattle for at least the ninety (90) days before embryo collection for this consignment, until completion of the testing of the donors. d. Originate from states officially free of tuberculosis and brucellosis. e. On the day(s) of collection the donor did not show any clinical evidence of infectious diseases transmissible via embryos.
		•	Embryos for exports:
			 a. Were produced with semen that meets the import health requirements of the importing country, or the Certified Semen Services (CSS), or equivalent. 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. e. Are stored in the frozen state for at least thirty (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 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. Were sealed in liquid nitrogen tanks prior to shipment.
Live Animals/ Sheep and Goats	An APHIS Certificate of Inspections of Export Animals	•	The United States is free of contagious bovine pleuropneumonia and foot- and-mouth disease. The United States is recognized by the World Organization for Animal Health (WOAH) as a country with negligible risk of bovine spongiform
	and/or a U.Sorigin Health Certificate. Certificate of Inspection of Export Animals/ U.Sorigin Health Certificate (VS Form17-37).	•	encephalopathy (BSE). The State(s) of Origin has been free of clinical cases brucellosis and tuberculosis for the last twelve (12) months prior to export. The Herd of Origin has been free of clinical cases of bovine leucosis, infectious bovine rhinotracheitis, campylobacteriosis and trichomoniasis for the last twelve (12) months prior to export. The animals were isolated for at least twenty-one (21) days immediately prior to export, in a facility approved by a USDA accredited veterinarian. The animals were inspected within twenty-one (21) days prior to export and found to be free from clinical evidence of communicable diseases.
Ovine and Caprine Semen	Health Certificate for Inspection of Export of Semen/ U.Sorigin Health Certificate (VS		The United States is free of foot-and-mouth disease without vaccination, sheep and goat pox, <i>peste des petites</i> ruminants, contagious caprine pleuropneumonia, and Rift Valley fever, in accordance with the WOAH Terrestrial Animal Health Code. The donor animals were born or legally imported into the United States.

	T =	
	Form 17-37).	• During the twelve (12) months prior to collection, the States of origin of the donor animals have not reported/confirmed clinical cases of caprine/ovine brucellosis (<i>Brucella melitensis</i>).
		• During the twelve (12) months prior to collection, the farms of origin of the donor animals have been free of clinical cases of scrapie, maedi-visna, caprine arthritis/encephalitis, bluetongue, paratuberculosis, ovine
		 epididymitis, and contagious agalactia. On the day(s) of collection, all the donor animals were in good health and
		did not show clinical signs of infectious or communicable disease.
		 The semen has been diluted using diluents that do not contain pathogenic organisms and to which antibiotics have been added in accordance with WOAH Terrestrial Animal Health Code recommendations.
		• The semen straws are individually identified with donor animal and
		collection identification code.Semen was stored in containers which were new or cleaned and
		disinfected with a licensed product.
		• The shipping containers will be sealed by USDA accredited veterinarian prior to transportation to the port of embarkation.
		• Semen was not exported prior to the final endorsement of required veterinary health certificate by the competent veterinary authority.
Ovine and	Health Certificate	The United States is free of foot-and-mouth disease without vaccination,
Caprine Embryos	for Inspection of Export Embryo/ U.Sorigin Health	sheep and goat pox, <i>peste des petites</i> ruminants, contagious caprine pleuropneumonia, and Rift Valley fever, in accordance with the WOAH Terrestrial Animal Health Code.
	Certificate (VS Form17-37).	 The donor animals were born or legally imported into the United States. During the twelve (12) months prior to collection, the States of origin of the donor animals have not reported/confirmed clinical cases of caprine/ovine brucellosis (<i>Brucella melitensis</i>).
		• During the twelve (12) months prior to embryo creation, the farms of origin of the donor animals have been free of clinical cases of scrapie, maedi-visna, caprine arthritis/encephalitis, bluetongue, paratuberculosis, ovine epididymitis, and contagious agalactia.
		• Embryos were created using semen that meets the import health
		 requirements of the importing country, or the WOAH, or equivalent. On the day(s) of collection, all the donor animals were in good health and
		did not show clinical signs of infectious or communicable disease.
		• Embryos were washed at least ten times at a dilution of at least 1/100
		between each washing, in accordance with WOAH Terrestrial Animal Health Code.
		• The zona pellucida of each embryo, after washing, should be examined over its entire surface area at not less than 50x magnification to ensure that it is intact and free of adherent material.
		 Embryos were frozen in fresh liquid nitrogen and stored in new or cleaned and disinfected vials or containers containing fresh liquid nitrogen.
		 Only embryos from a single female donor are packaged together in the same straw.
		Straws are individually identified with donor animal and straw
		identification code.The shipping containers will be sealed by a USDA accredited veterinarian

			prior to transportation to the embarkation port.
		•	Embryos were not exported prior to the final endorsement of required veterinary health certificate by the competent veterinary authority.
Plants and	Phytosanitary	•	Plants and plant products have been inspected and/or tested
Plant	Certificate		according to official procedures.
Products		•	Products are free from pests and diseases of concern.
		•	Products conform to the current phytosanitary regulations of Ghana.

Note, that all U.S. federally inspected establishments are eligible to export to Ghana. The latest information is available at FSIS Export Library entry for Ghana. Complete import requirements and copies of the certificates is available on the APHIS website.²

SECTION III: GOVERNMENT CERTIFICATE LEGAL ENTRY REQUIREMENTS

To enter the Ghanaian market, all food products regardless of source or origin must first be registered with the Ghana FDA. Only companies registered with the Registrar General's Department are permitted to import food products.

Each export consignment must be accompanied by an original export certificate at the time of entry into Ghana; a certificate cannot be applied to multiple shipment. The Ghanaian government does not accept self-declarations from suppliers or manufacturers as valid proof of compliance. Instead, it requires certification issued by a recognized competent authority.

While an Export Certificate of Free Sale (COFS) is not required for shipment clearance, the Ghana FDA mandates its submission during the product registration process. In addition, a Certificate of Analysis must be included with every export consignment to ensure product quality and safety compliance.

SECTION IV: OTHER CERTIFICATION/ACCREDITATION REQUIREMENTS TO ENSURE MARKET ENTRY

Apart from export certificates, food products being imported into Ghana must also meet other requirements including veterinary sanitary requirements and certifications.

• Veterinary Sanitary Requirements and Certificates: Ghana's MoFA/VSD is responsible for providing veterinary sanitary requirements and certificates for the import and export of live animals, products of animal origin and animal by-products and live birds/day-old chicks/eggs.

Details of other requirements are found both in the <u>GAIN-GHANA | GH2024-0007 | Ghana, FAIRS Country Report Annual-2024</u>.³

² See, the U.S. Department of Agriculture (USDA)/Food Safety and Inspection Service (FSIS), "Export Library" entry for Ghana, located at: https://www.fsis.usda.gov/inspection/import-export/import-export-library/ghana, as well as the USDA/Animal and Plant Health Inspection Service (APHIS), "Live Export Animals to Ghana," located at: <a href="https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/export/international-standard-setting-activities-oie/regionalization/sa-by-country/sa-g/ct-animal-ghana.

Ghana's MoFA/VSD helps to:

- 1. Regulate imports of live birds and animals by ensuring that they are imported from countries certified by the WOAH to be disease-free.
- 2. Control the movement of live animals and birds, by ensuring that only healthy animals are permitted to be moved from one area to another to prevent disease transfer.
- 3. Ensure that all live animals coming into the country are quarantined and only those found healthy enough are allowed passage into the country.

Currently, requirements developed are limited in scope and not comprehensive enough. Additionally, the requirements are not available in a single database for easy retrieval.

• U.S. Radiation Monitoring: Attestation of radioactivity is not required for exports into Ghana

https://apps.fas.usda.gov/newgainapi/api/Report/DownloadReportByFileName?fileName=FAIRS%20Country%20Report%20Annual Accra Ghana GH2024-0007.

³ See, U.S. Department of Agriculture/Foreign Agricultural Service (FAS) Accra, "GAIN-GHANA | GH2024-0007 | Ghana, FAIRS Country Report Annual-2024," located at:

APPENDIX I: EXAMPLES OF EXPORT CERTIFICATES FOR GHANA

FSIS Meat and Poultry Export Certificate of Wholesomeness⁴

cording to the Paperwork Reduction Act of 1995 alid OMB control number. The valid OMB control verage 25 minutes per response, including the ti viewing the collection of information.	number for this information collect	ion is 0583-0153. The	time required to	complete this info	rmation collection is est	timated to				
U.S. DEPARTMENT OF A FOOD SAFETY AND INSPE		A knowingly false	A knowingly false entry or false alteration of any entry on this certificate may result in a fine of not more than \$10,000 or imprisonment for not more than five years or both (18 U.S.C. 1001).							
Meat and Poultry Export Certifi	cate of Wholesomenes	Additional penaltie	es existunder the	Federal Meat Inspe	ction Act [21 U.S.C 611(b) on or misuse of this certific) (1), (2); and				
1. COUNTRY OF DESTINATION	2. ISO CODE	5. CERTIFICA	ATE NUMBER	ł	6. CERTIFICATE 1	ГҮРЕ				
[Importing Country Name]	xx	0155398			X ORIGINA	AL.				
					REPLAC	EMENT				
3. CONSIGNOR/EXPORTER (Applicant's	name and address)		PRO	DDUCT EXPOR	TED FROM:					
Exporter Name Street Name		7. EXPORT E	ST. NO. (Nar	ne and address))					
City Name, State zip code UNITED STATES		P38			•					
UNITED STATES		Export Facility Street Address City Name, Sta	;							
4. CONSIGNEE/IMPORTER (Name and	address)									
Importer name Street Name City Name, [Importing				X						
Country Name]		8. TOTAL NE 100 lbs (45.359		9. TOTAL NO. OF PACKAGES						
			13.	14.	15.	16.				
10. DESCRIPTION OF PRODUCT (Name of product)	11. NET WEIGHT O LOT		NUMBER OF PACKAGES IN LOT ¹	TYPE OF PACKAGES IN LOT ¹	SHIPPING/ IDENTIFICATION MARKS ¹	EST. NO. ON PRODUCT				
Product 1	100lbs (45.3592kgs)	Chicken	100	Package		P38				
¹ As stated by applicant or contractor										
17. REMARKS										
18. I CERTIFY that the meat, meat for inspection and were found sound and sound and wholesome.	od product or meat byproduct sp healthy and that it has been insp	pecified hereon is from pected and passed as	m animals that s provided by l	received both and aw and regulation	temortem and postmo s of the Department a	rtem and is				
19. I CERTIFY that the poultry, poultry postmortem inspection and passed in wholesome and fit for human consum.	accordance with applicable laws	ts specified above ca and regulations of the	ame from birds he United State	that were official es Department of	y given an antemorter Agriculture and are	m and				
NOT VALID UNLESS SIGNED	BY A CERTIFYING OFFICIA	L OF MEAT, POUL	TRY, AND EG	G PRODUCT IN	SPECTION SYSTE	М				
By order of the	20. CERTIFYIN Michael Ten	ng official's nai nard		lepartment of Agriculture	21. DATE SIGNED) (MM/DD/YYYY)				
Secretary of Agriculture	Michael Tenard.	CSI		Chicago District	07/01/20	021				
This certificate is receivable in		as prima facie evide	ence of the tr	ith of the statem						
This certificate does not excuse	failure to comply with any ofth	e regulatory laws en	nforced by the	United States D	enartment of Addicult	ure				

⁴ See, the U.S. Department of Agriculture (USDA)/Food Safety and Inspection Service (FSIS), "FSIS Meat and Poultry Export Certificate of Wholesomeness," located at: https://www.fsis.usda.gov/sites/default/files/2021-08/FSIS-Form-sample-9060-5.pdf.

APHIS Certificate for Poultry Hatching Eggs for Export⁵

displays a valid OMB co information collection is maintaining the data ne	work Reduction Act of 1995, an ago introl number. The valid OMB con estimated to average .5 to 2 hours eded, and completing and reviewing	trol nun per res ng the c	nber fo sponse ollecti	or this e, incl on of	informuding inform	nation the tin	n colle me fo	ection i r revie	s 057 wing	9-002 instruc	0 and (ctions,	0579-0 search	328. T ing exi	The tim isting d	e requi lata soi	ired to urces,	comple gatheri	ete this ng and			0579-	B Appro	d 0328
	thorized by law (21 U.S.C. 11 UNITED STATES DEPARTM NIMAL AND PLANT HEALT VETERINARY	ENT C H INSI	OF AC	GRIC	ULTI	JRE		to re	spon	a, no				SHIP		dated		No.	data re	equire	are p	ovided	
	FOR POULTRY OR I				GG	S F	OR	EX	POF									10.					
2. NAME AND ADD	RESS OF EXPORTER (includ	ie ZIP	Code	2)		Ĭ				3. N	NAME	AND	ADDI	RESS	OF IN	MPOR	TER						
FIPS S1	TATE CODE (for USDA use o	nly)								1		1		F	IPS C	OUN	TRY	CODE			ise onl		
			6. PI ("X"		UCT heck)		or ch			8.T	YPE (intend	ded us	e) ("X	or c	heck)		9. N	PIP AI	PPRO\	AL NU	IMBER
				Spare of the last							mmer oducti			Multipli Breedii			Prima Breedi		10 N	IPIP (l ASSI	FICAT	ION-U.S.
4.QUANTITY/UNIT (Eggs-Dozen)	5.VARIETY, STRAIN, OR TRADE NAME	998	Eggs	s)			Ē	S			Stock			Stock			Stock	(("X" or		Other
(Poultry-Number)		Chicken Eggs	Turkey	Chicks	Poults	Other	Straight-run	Females	Males	Eggs-Type	Meat-Type	Other	Eggs-Type	Meat-Type	Other	Eggs-Type	Meat-Type	Other	Pullorum- Typhoid	M. Gallisepticum	Clean M. Meleagridis	Sanitation	(specify)
		+	\vdash					Н	\dashv											\vdash		+	-
									\dashv														
									\exists														
		\perp																					
and ins routine Nations be clea B. Certific includir infectio pullorur propert	nor to shipment of above hat ofar as can be determined hi inspection of the flock or floc all Poultry Improvement Plan or and that the shipment must ate for Poultry other than Ne g all other poultry maintaine us and contagious diseases m disease; and (2) the pros y cleaned and disinfected. ADDITIONAL INFORMATION	ave not ks ther classificate mand why Ha d in the and in pective	t beer re wa cation ade in atcher ne flo sofar e exp	n exp s no n is a new d Po ck, v as o	posed visib as ind v, clea ultry were can b	d to file evolicate an co	Newo iden id in ntair cified ected term	castle ce of item ners. in C d by r ined	dise com 9 ab ertificane of have	ase, f munic ove, a cate / n the	fowl p cable of and (4 A. The pren been	lague diseas) the is is nises expos	, fowl ses ob prosp to cer of original	typho serve ective tify th gin wi	id, orred on to expo at: (1) thin to castle	nithosi the in: rter h) on to he pa disea	is, and spection as beat his da st 30 ase, fo	d pullo on da en ad te all days owl pla	prum d tes list vised t poultry and fo ague, t	isease ed in i hat th y show bund f fowl ty	e; (2) d tem 13 e hatch vn in it ree fro phoid,	uring the below ing eg em 5 em 6 ornithe	ne usual r; (3) the gs must above, lence of osis and
	1/	1. TYF	PEDN	IAMI	E OF	ISSU	JING	VET	ERI	NARIA	AN												
	1:	5. SIG	NAT	JRE	OF I	SSUI	NG '	VETE	RIN	ARIAN	N												
	10	S. STA	ATUS	[1	. Sta	ıte		2	. Fed	deral		3. /	Accre	dited				1	7. D/ MO	ATE IS	SUED	YR
USDA VETERINARY		3. SIG	NATI	JRE	OF E	NDC	RSI	NG F	EDE	RAL'	VETE	RINA	RIAN	(if req	uired))			_1	9. D/ MO	ATE EN	IDORS A	YR YR
VS FORM 17-6 JUL 2014										C	LEAF	? FO	PM.										

⁵ See, U.S. Department of Agriculture (USDA)/Animal and Plant Health Inspection Service (APHIS), "APHIS Certificate for Poultry Hatching Eggs for Export," located at: https://www.aphis.usda.gov/library/forms/pdf/VS17_6.pdf.

		CODES		
S STATE CODES				
01 – Alabama	18 – Indiana	31 – Nebraska	44 – Rhode Island	
02 – Alaska	19 – Iowa	32 – Nevada	45 – South Carolina	
04 – Arizona	20 - Kansas	33 - New Hampshire	46 – South Dakota	
05 – Arkansas	21 – Kentucky	34 - New Jersey	47 – Tennessee	
06 – California	22 - Louisiana	35 - New Mexico	48 – Texas	
08 - Colorado	23 – Maine	36 - New York	49 – Utah	
09 - Connecticut	24 - Maryland	37 - North Carolina	50 – Vermont	
10 - Delaware	25 - Massachusetts	38 - North Dakota	51 – Virginia	
11 - District of Columbia	26 - Michigan	39 – Ohio	52 - Virgin Island	
12 – Florida	27 - Minnesota	40 – Oklahoma	53 – Washington	
13 – Georgia	28 – Mississippi	41 – Oregon	54 – West Virginia	
15 – Hawaii	29 – Missouri	42 - Pennsylvania	55 – Wisconsin	
16 – Idaho	30 – Montana	43 – Puerto Rico	56 – Wyoming	
17 – Illinois				

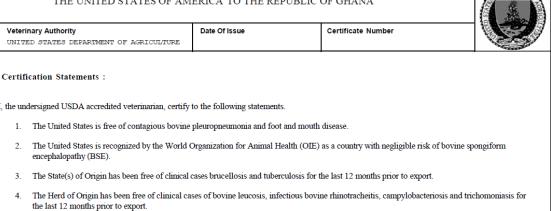
<u>APHIS Certificate for Export of Cattle from the United States of America to the Republic of Ghana</u>⁶

VETERINARY HEALTH	H CERTIFICATE	FOR EXPOR	T OF CATTLE		S TO THE REAL PROPERTY.				
FROM THE UNITED STATES					ALIGH AND				
Veterinary Authority UNITED STATES DEPARTMENT OF AGRICULTURE	Date Of Issue	'	Certificate Number						
	CERT	TIFICATION			9000				
1. Consignor:		2. Consignee:							
3. Country Of Origin: USA		1. State Of Origin:							
5. Country Of Destination:		5.							
GHANA		*****	*******	******	******				
7. Place Of Origin:			*****************************						
		*******	**************************************	********	******				

9. Estimated Date Of Shipment:		10. Means Of Transpo	srf*						
3. Estimated Date of Shipment.		io.means Of Hanspo	и.						
11. Identification / Seal Numbers:	********	12. Zone Of Destina	tion:						
13. Description Of Commodity:	1	14. Port Of Embarkation:							
4									
15. Total Quantity:		ib. Total Number Of	Packages/Containers:	*******	**********				
17. Additional Information:									
18.									
**************************************	********	**********	***********	*******	*********				
19. Commodities Intended Use:		20. Type Of A	dmission:						
		Permaner							
21. Identification Of Commodities:									
Official Identification	on	Breed	Sex	Age					
					\dashv				
					\dashv				
					_				
					-				
					\dashv				
NOTE : If more than 10 animals are shipped, becomes part of this certificate.	a separate table	is made, signe	d by the USDA accred	dited veterinari	an and				
·									
JUNE 2018					Page 1 of				

⁶ See, U.S. Department of Agriculture (USDA)/Animal and Plant Health Inspection Service (APHIS), "APHIS Certificate for Export of Cattle from the United States of America to Ghana," located at: https://www.aphis.usda.gov/regulations/vs/iregs/animals/downloads/gh_VEHCS_USCattle_hc.pdf.

VETERINARY HEALTH CERTIFICATE FOR EXPORT OF CATTLE FROM THE UNITED STATES OF AMERICA TO THE REPUBLIC OF GHANA



5. The animals were isolated for at least 21 days immediately prior to export, in a facility approved by a USDA accredited veterinarian.

	6.	The animals were inspected v	rithin 21 days prior to export and found to be free from clinical evidence of communicable diseases.
Ш	TES	T REQUIREMENTS:	
Γhe	cattle	e must be tested with negative	results for the diseases listed below. (Mark through the non-applicable testing option.)
l.	Tube	erculosis:	Intradermal test using bovine PPD tuberculin OR other test accepted by USDA Test date(s)
2.	Bruc	eellosis:	Complement fixation test at a 1:10 dilution <u>OR</u> buffered <i>Brucella</i> antigen test (i.e., card test) <u>OR</u> Enzymelinked immunosorbent assay (ELISA) or standard tube test <u>OR</u> plate agglutination test at a 1:50 dilution. Test date(s)
v.	отн	ER VETERINARY TREAT	MENTS AND INSPECTIONS
Wit	hin 21	I days prior to the export, the	animals were inspected and treated for internal and external parasites

IV. OTHER VETERINARY TREATMENTS AND IN	NSPECTIONS	
Within 21 days prior to the export, the animals were insp	ected and treated fo	or internal and external parasites.
Date(s) of treatment:	Name(s) of produ	ict:
Within 60 days prior to export, the animals were vaccinat	ed against the follo	wing diseases:
Infectious Bovine Rhinotracheitis (IBR)	Vaccination dat	te -
Bovine Viral Diarrhea (BVD)		_
Parainfluenza		_
Leptospirosis		_
The animals will receive a USDA veterinary inspection a and fit for travel.	t the port of embark	tation, within 48 hours of export, and found free of evidence of communicable diseas
Name of Accredited Veterinarian		Name of USDA Veterinarian
Signature of Accredited Veterinarian		Signature of USDA Veterinarian
Date		Date

JUNE 2018

Page 2 of 2

APHIS Certificate for Export of Bovine Semen from the United States of America to the Republic of Ghana⁷

	nary Authority	Date Of Issue		Certifi	cate Number		
	ED STATES DEPARTMENT OF AGR	ICULTURE	2. Consi	gnee:			No.
	ntry Of Origin:		4. State (Of Origin:			
USA							
3. Cour	ntry Of Destination: NA		6. Zone	Of Destina		*****	******
7. Plac	e Of Origin:		8. Port Of	f Embarkat	ion:		
). Estin	nated Date Of Shipment:		10. Mean	s Of Trans	port:		
		******		S Permit N		*****	
	*******	*******	*****	*****	*****	******	*****
	cription Of Commodity: ine semen					*****	
5. Tota	Quantity:		16. Addit	tional Info		*****	******
17. Tot	al Number Of Packages/Contain	ers:	****	*****	*****	******	******
	ntification / Seal Numbers:						
18. Ider 19. Con	nmodities Intended Use:			of Admis			
18. Ider 19. Con Breed	nmodities Intended Use: ing/rearing			e Of Admis nanent i			
18. Ider 19. Con Breed	nmodities Intended Use:						
18. Ider 19. Con Breed	nmodities Intended Use: ing/rearing	Identification number				Collection cod	de Number of straw
18. Ider	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
19. Con Breed 1. Idea	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
19. Con Breed 1. Ider 1 2 3	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection coe	
18. Ider 19. Con Breed 1. Ider 1 2 3 4 5	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Ider 19. Con Breed 1. Ider 1 2 3 4 5 6	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Ider 19. Con 19. Con 11. Ider 1 2 3 4 4 5 6 7 8	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Iden 19. Con 19. Con 11. Iden 12. 2. 3. 4. 4. 5. 6. 6. 7. 8. 9. 9.	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Iden 19. Con Breed 1. Iden 1 2 3 4 5 6 6 7 7 8 9	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Ider 19. Con 19. Con 11. Ider 1 2 3 4 4 5 6 6 7 8 9 9	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Iden Breed 1. Iden 1223344 566778899100	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Ider 19. Con Breed 21. Ider 1 2 3 4 5 6	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection coe	
19. Con Breed 21. Idea 1 2 3 4 5 6 7 8 9	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Ider 19. Con 19. Con 11. Ider 1 2 3 4 5 6 7 8 9 9	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Ider 19. Con Breed 11. Ider 12. 3. 4. 4. 5. 6. 6. 7. 8. 8. 9. 10. 11. 11. 12. 13. 13.	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	
18. Ider 19. Con Breed 11. Ider 12. 3. 4. 5. 5. 6. 6. 7. 8. 8. 9. 10. 11. 12.	nmodities Intended Use: ing/rearing ntification Of Commodities:	Identification number	Perm	Age or	mport Collection	Collection cod	

⁷ See, U.S. Department of Agriculture (USDA)/Animal and Plant Health Inspection Service (APHIS), "APHIS Certificate for Export of Bovine Semen from the United States to Ghana," located at: https://www.aphis.usda.gov/regulations/vs/iregs/animals/downloads/gh-bo-se-hc.pdf.

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

Veterinary Authority
UNITED STATES DEPARTMENT OF AGRICULTURE

Date Of Issue 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.
- 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:

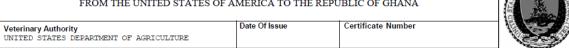
- a. were continuous residents in the United States either for a minimum of sixty (60) days immediately preceding collection of the semen for export or have been resident since birth.
- b. were identified by a permanent identification system recognized by the USDA.
- c. were not resident in any establishment 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.
- is sealed in straws or vials that are clearly and permanently marked to identify the donor and the date(s) of collection.
- 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.
- will be shipped in cryogenic containers sealed by a USDA Accredited Veterinarian, prior to shipment.

AUG 2018 Page **2** of 4

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



III. TEST REQUIREMENTS:

3. Campylobacteriosis2:

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. Tuberculosis¹: Intradermal test using bovine PPD tuberculin <u>OR</u> other test

accepted by USDA.

2. Brucellosis¹: Complement fixation test at a 1:10 dilution **OR** buffered *Brucella* antigen test

Culture or PCR of cultured preputial material

(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.

4. Trichomoniasis²: 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 OR

other test accepted by USDA.

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

²Testing 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

AUG 2018 Page 3 of 4

	6 H H	Tuberculosis	Brucellosis	Campylobacteriosis	Trichomoniasis	Leptospirosis
Donor Bull Identification	Collection Code	Test Type & Date				
AUG 2018						Page 4 of 4

APHIS Certificate for Export of Bovine Embryos from the United States of America to the Republic of Ghana⁸

-	y Authority STATES DEPARTMENT OF AGE	Date Of Issue		Certificate Number	
. Consigr		RICOLTORE	2. Consign	ee:	Wash.
	Of Origin:		4. State Of	Origin:	
USA					
Country GHANA	Of Destination:			Destination: *********	******
	of Origin:		8. Port Of E	mbarkation:	
Estimate	ed Date Of Shipment:		10. Means C	f Transport:	
1. *****	*****			Permit Number:	*******
**************************************	**************************************	*********	****	******	******
	e embryos		*****	*****	********
. Total Qu	uantity:		16. Additio	nal Information:	*******
			******	*******	******
7 Total N	Number Of Packages/Contain	nore:			
*****		******		****	
*****		******			
3. Identifi	********************ication / Seal Numbers:	******	20. Type O	f Admission:	
B. Identifi	ication / Seal Numbers: odities Intended Use: g/rearing	******	20. Type O	*****	
B. Identifi	********************ication / Seal Numbers:	******	20. Type O	f Admission:	
B. Identifi	ication / Seal Numbers: odities Intended Use: g/rearing	******	20. Type O	f Admission: nent import	******
3. Identifi 9. Commo reeding	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifi D. Commoreeding . Identif	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifi 9. Commo reeding	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifi 1 2 3 4 5	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifia 3. Commorreeding . Identifia 1 2 3 4 5 6	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifi 1 2 3 4 5	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifi 1 2 3 4 5 6 7 8 9	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifi 2. Commoreeding 1	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifi 1 2 3 4 5 6 7 8 9	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifi 9. Commoreeding 1	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******
3. Identifi 9. Commoreeding 1	ication / Seal Numbers: odities Intended Use: g/rearing fication Of Commodities: Donor Dam	Donor Sire	20. Type O Perman	f Admission: nent import	******

⁸ See, U.S. Department of Agriculture (USDA)/Animal and Plant Health Inspection Service (APHIS), "APHIS Certificate for Export of Bovine Embryos from the United States to Ghana," located at: https://www.aphis.usda.gov/regulations/vs/iregs/animals/downloads/gh-bo-em-hc.pdf.

VETERINARY HEALTH CERTIFICATE FOR EXPORT OF BOVINE EMBRYOS

FROM THE UNITED STATES OF AMERICA TO THE REPUBLIC OF GHANA Date Of Issue Certificate Number Veterinary Authority UNITED STATES DEPARTMENT OF AGRICULTURE

II. ANIMAL HEALTH CERTIFICATIONS STATEMENTS:

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

- 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 on a premises 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.
- 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.

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 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
- d. originate from states officially free of tuberculosis and brucellosis.
- e. on the day(s) of collection the donor did not show any clinical evidence of infectious diseases transmissible via embryos.

The embryos for export:

- a. were produced with semen that meets the import health requirements of the importing country, or the Certified Semen Services (CSS), or equivalent.
- 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
- 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 any diseases transmissible via embryos.
- 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. were sealed in liquid nitrogen tanks prior to shipment.

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

AUG 2018 Page 2 of 2

APHIS Certificate for Export of Sheep and Goats from the United States of America to the Republic of Ghana⁹

	у	Date Of Issue	Certificat	te Number			27
NITED STATES I	DEPARTMENT OF AGRICULTURE					1	
		CERTIFICATION	•			•	
. Consignor:			2. Consignee:				
. Country Of Origin:			4. State(s) Of Origin:				
. Country Of Destina	tion		6. Zone Of Destination				
GHANA			*******			******	*****
. Place Of Origin:			8. Port Of Embarkation/ E	3order Crossinç	j:		
. Estimated Date Of			10. Means Of Transport:				
	***********		12. CITES Permit Numb		*****	*****	*****
. Description Of Com	nmodity:		14. Date Of Inspection:				
5. Total Quantity:			16. Additional Informat		*****	*****	****
*****	******	******	******				
*****		*****		n:			
******	ded Use:	*****	20. Type Of Admission Permanent Import				
9. Commodities Inten	ded Use: ing	*****	20. Type Of Admission				
). Commodities Inten Breeding/Rear	ded Use: ing	Breed	20. Type Of Admission	Aqe	Species S	iex	
. Commodities Inten Breeding/Rear. I. Identification C	ded Use: ing of Commodities:		20. Type Of Admission Permanent Import	Aqe	Species S	iex	
. Commodities Inten Breeding/Rear. I. Identification C	ded Use: ing of Commodities:		20. Type Of Admission Permanent Import	Aqe	Species S	iex	
Commodities Inten Breeding/Rear. I. Identification C	ded Use: ing of Commodities:		20. Type Of Admission Permanent Import	Aqe	Species S	iex	
. Commodities Inten Breeding/Rear. I. Identification C	ded Use: ing of Commodities:		20. Type Of Admission Permanent Import	Aqe	Species S	iex	
Commodities Inten Breeding/Rear. I. Identification C	ded Use: ing of Commodities:		20. Type Of Admission Permanent Import	Aqe	Species S	iex	
. Commodities Inten Breeding/Rear . Identification C	ded Use: ing of Commodities:		20. Type Of Admission Permanent Import	Aqe	Species S	iex	
Commodities Inten Breeding/Rear. Identification C	ded Use: ing of Commodities:		20. Type Of Admission Permanent Import	Aqe	Species S	iex	
. Commodities Inten Breeding/Rear. I. Identification C	ded Use: ing of Commodities:		20. Type Of Admission Permanent Import	Aqe	Species S	iex	
. Commodities Inten Breeding/Rear I Identification C 1 2 3 4 5 6 7 8 9 10 11	ded Use: ing Of Commodities: Official Identification		20. Type Of Admission Permanent Import	Age	Species S	iex	
. Commodities Inten Breeding/Rear. I. Identification C	ded Use: ing Of Commodities: Official Identification		20. Type Of Admission Permanent Import	Age	Species S	iex	
1. Identification C 1. 2 3 4 5 6 7 8 9 10 11 12	ded Use: ing Of Commodities: Official Identification		20. Type Of Admission Permanent Import	Age	Species S	iex	
1. Identification C 1. 2 3 4 5 6 7 8 9 10 11 12 13	ded Use: ing Of Commodities: Official Identification		20. Type Of Admission Permanent Import	Age	Species S	iex	

⁹ See, U.S. Department of Agriculture (USDA)/Animal and Plant Health Inspection Service (APHIS), "APHIS Certificate for Export of Sheep and Goats from the United States of America to Ghana," located at: https://www.aphis.usda.gov/regulations/vs/iregs/animals/downloads/gh-sh-go-hc.pdf.

Veterinary Health Certificate for Export of Sheep and Goats from the United States of America to the Republic of Ghana

Date Of Issue



Veterinary Authority UNITED STATES DEPARTMENT OF AGRICULTURE

Certificate Number

CERTIFICATION STATEMENTS:

- 1. The United States is free of foot-and-mouth disease without vaccination, sheep and goat pox, peste despetites ruminants, contagious caprine pleuropneumonia, and Rift Valley fever, in accordance with the OIE Terrestrial Animal Health Code.
- 2. The animals were born or legally imported into the United States.
- 3. Scrapie is a notifiable disease in the United States.
- 4. The feeding to sheep and goats of meat-and-bone meal or greaves of ruminant origin is banned and effectively enforced in the United States.
- 5. Each animal is identified by a permanent identification system recognized by the USDA.
- 6. During the 12 months prior export, the States of origin of the animals have not reported/confirmed any clinical cases of caprine/ovine brucellosis (Brucella melitensis).
- 7. The animals have been in isolation in facilities approved by a USDA Accredited Veterinarian, for a minimum of 21 days prior to export.
- 8. The flock(s) of origin:
 - a. Has not had a confirmed case of clinical scrapie in the last seven (7) years prior to export.
 - b. Has had no clinical cases of tuberculosis, and/or caprine arthritis/encephalitis, and/or maedi-visna in the last three (3) years prior to export, OR were tested as listed below.
 - c. Has had no clinical cases of Chlamydophila abortus (enzootic abortion of ewes) in the last two (2) years prior to export.
 - d. Has had no clinical cases of bovine brucellosis (Brucella abortus), contagious epididymitis (Brucella ovis) or paratuberculosis, in the last twelve (12) months prior to export.
 - e. Has had no clinical cases of contagious agalactia in the last six (6) months prior to export.
- measures.

9. None of the animals in the shipment have been designated for destruction/removal due to disease eradication

10.	Within 21 days of export, all animals were treated with, _	, a product that provides broad-spectrum
	coverage against internal parasites, and with	, an approved product for use against external
	parasites.	

Page **2** of **3** MAY 2020

Veterinary Health Certificate for Export of Sheep and Goats from the United States of America to the Penulsia of Chana

from the United	States of America to t	ne Republic of Ghana	Lis a
Veterinary Authority UNITED STATES DEPARTMENT OF AGRICULTURE	Date Of Issue	Certificate Number	

	sterinary Authority	Date Of Issue	Certificate Number	
T	EST REQUIREMENTS:			
	l animals must be tested during the ise escribed below:	olation period, with the exc	eption of tuberculosis, with negati	ve results as
1. cat	Tuberculosis (<i>Mycobacterium bovis</i> adal fold tuberculin test, or other test a Date:	accepted by APHIS.	d), tested within 90 days of expor	t: Intradermal
2.	Bluetongue: AGID (Agar-gel immu Date:	nodiffusion)* test, or ELISA	A,* or PCR, or other test accepted	by APHIS.
	* If an animal had positive results for with negative results prior to expo		— he animal was tested for bluetongue	virus agent
3.	Maedi-visna (for sheep only, if requ Date:	ired): AGID, or CF test, or		APHIS
4.	Caprine Arthritis Encephalitis (for g	oats only, if required): Sero	logy, or other test accepted by AP	PHIS.
E	MBARKATION STATEMENTS:			
1.	During transit, animals will not be co	omingled with any animals	of lesser health status.	
2.	The loading of the animals was carr an approved disinfectant.	ied out in vehicles or contain	ners previously cleaned and disin	fected using
3.	The animals will receive USDA vet evidence of communicable diseases		3 hours of export, and be found fr	ee of
Nam	e of USDA Accredited Veterinarian:	Name of API	IIS Veterinarian:	
Sign	ature of USDA Accredited Veterinarian:	Signature of	APHIS Veterinarian:	
Date	:	Date:		

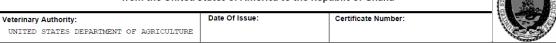
MAY 2020 Page 3 of 3

APHIS Certificate for Export of Ovine and Caprine Semen from the United States of America to the Republic of Ghana¹⁰

eterinary Authority NITED STATES DEPARTMENT	OF AGRICULTURE	Date Of Issue	Ce	rtificate Number	
Consignor:	OI ASKICOLISH	<u>'</u>	2. Consignee:		
Country Of Origin:			4. State Of Origi	n	
Country Of Destination:			6. Zone Of Dest	iination:	*****
Place of Origin:				rkation/Border Crossing:	
Estimated Date Of Shipment:			10. Means Of Tr	ansport:	
*******		*****		iit Number:	*****
Description Of Commodity:			14. Date Of Insi		
. Total Quantity:			16. Additional I	nformation:	********
. Total Number Of Packages/Con	tainers:				
. Identification / Seal Numbers:					
. Identification / Seal Numbers: Commodities Intended Use: Breeding/Reproduction Identification Of Commodities:	ı		20. Type Of Ad		
Commodities Intended Use: Breeding/Reproduction	ification	Breed			Number of Straws
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Identifor Ram/Bu	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Idention Ram/Bu 1 2 3	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Identi of Ram/Bt	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Identification of Ram/Bu 1 2 3 4 5 6	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Identifor Ram/But 1 2 3 4 5	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Identi of Ram/Bu 1 2 3 4 5 6 7 8	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Idention of Ram/Bu 1 2 3 4 5 6 7 8	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Identifor Ram/Bu 1 2 3 4 5 6 7 8 9 10 11 12	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Idention of Ram/Bu 1 2 3 4 5 6 7 8 9 10 11 12 13 14	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Idention of Ram/Bu 1 2 3 4 5 6 7 8 9 10 11 12 13	ification	Breed	Permanent Date of Semen	Straw Identification/	
Commodities Intended Use: Breeding/Reproduction Identification Of Commodities: Official Idention of Ram/Bu 1 2 3 4 5 6 7 8 9 10 11 12 13 14	ification	Breed	Permanent Date of Semen	Straw Identification/	

¹⁰ See, U.S. Department of Agriculture (USDA)/Animal and Plant Health Inspection Service (APHIS), "APHIS Certificate for Export of Ovine and Caprine Semen from the United States of America to Ghana," located at: https://www.aphis.usda.gov/regulations/vs/iregs/animals/downloads/gh-ov-cap-sem-hc.pdf.

Veterinary Health Certificate for Export of Ovine and Caprine Semen from the United States of America to the Republic of Ghana



CERTIFICATION STATEMENTS:

- The United States is free of foot-and-mouth disease without vaccination, sheep and goat pox, peste des petites ruminants, contagious caprine pleuropneumonia, and Rift Valley fever, in accordance with the OIE Terrestrial Animal Health Code.
- 2. The donor animals were born or legally imported into the United States.
- 3. During the 12 months prior to collection, the States of origin of the donor animals have not reported/confirmed clinical cases of caprine/ovine brucellosis (*Brucella melitensis*).
- 4. During the 12 months prior to collection, the farms of origin of the donor animals have been free of clinical cases of scrapie, maedi-visna, caprine arthritis/encephalitis, bluetongue, paratuberculosis, ovine epididymitis, and contagious agalactia.
- On the day(s) of collection, all the donor animals were in good health and did not show clinical signs of infectious or communicable disease.
- The semen has been diluted using diluents that do not contain pathogenic organisms and to which antibiotics have been added in accordance with OIE Terrestrial Animal Health Code recommendations.
- 7. The semen straws are individually identified with donor animal and collection identification code.
- 8. Semen was stored in containers which were new or cleaned and disinfected with a licensed product.
- 9. The shipping containers will be sealed by USDA accredited veterinarian prior to transportation to the port of embarkation.
- Semen was not exported prior to the final endorsement of required veterinary health certificate by the competent veterinary authority.

TEST REQUIREMENTS:

MAY 2020

The donor animals were tested according to recommendations in the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, with negative results, for the following diseases within 6 months prior to semen collection:

1.	Tuberculosis (Mycobacterium bovis), for goats.	
	Date of test:	
2.	Contagious epididymitis (Brucella ovis), for sheep:	
	Date of test:	
*****	*******************	********************
*****	***********************************	**********************
Name of A	ccredited Veterinarian:	Name of USDA Veterinarian:
Signature o	of Accredited Veterinarian:	Signature of USDA Veterinarian:
Date:		Date:

Page 28 of 32

Page 2 of 2

<u>APHIS Certificate for Export of Ovine and Caprine Embryos from the United</u> <u>States of America to the Republic of Ghana</u>.¹¹

eterinary	from the Unite	Date Of Issue		ficate Number	
	STATES DEPARTMENT OF AGRICULT				N. Contraction
. Consign			2. Consignee:		
Country	Of Origin:		4. State Of Origin:		
Country GHANA	Of Destination:		6. Zone Of Destina	ition: ********	*****
. Place of	Origin:		8. Port Of Embarka	ntion/Border Crossing:	
. Estimate	ed Date Of S hipment:		10. Means Of Trans	sport:	
. ****	*******	*****	* 12. CITES Permit N	Number:	
	********			*****	******
			14. Date Of Inspec	tion:	
. Descript	tion Of Commodity:		********		******
			16. Additional Info	********	
5. Total Q	uantity:		16. Additional Info	**************************************	
5. Total Q			16. Additional Info	**************************************	
5. Total Q	uantity:		16. Additional Info	**************************************	
5. Total Q 7. Total No 8. Identific	uantity: umber Of Packages/Containers: cation / Seal Numbers:		16. Additional Info	rmation:	
5. Total Q 7. Total N 8. Identific	uantity: umber Of Packages/Containers:		16. Additional Info	rmation:	
7. Total No.	uantity: umber Of Packages/Containers: cation / Seal Numbers:		16. Additional Info	rmation:	
7. Total No.	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction	Breed	16. Additional Info	rmation:	
7. Total No.	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total Q 7. Total N 8. Identific Common Breedi Identific	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total Q 7. Total N 8. Identific Common Breedi Identific 1 2 3	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total Q 7. Total N 8. Identific Common Breedi 1 2 3 4	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total Q 7. Total N 8. Identific Common Breedi 1 2 3 4 5	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total Q. 7. Total No. 8. Identific . Common Breedi. 1 2 3 4 5 6	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total Q 7. Total N 8. Identific Common Breedi 1 2 3 4 5	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total N. 7. Total N. 8. Identific 1 2 3 4 5 6 7	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total N. Commoo	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total N. Commoo	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
5. Total N. Commoo	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of
7. Total N 8. Identific 9. Commo Breed: 1. Identific 1 2 3 4 5 6 7 8 9 10 11	uantity: umber Of Packages/Containers: cation / Seal Numbers: dities Intended Use: ng/Reproduction ation Of Commodities: Official Identification	Breed	16. Additional Info	rmation: ssion: port Straw	Number of

¹¹ See, U.S. Department of Agriculture (USDA)/Animal and Plant Health Inspection Service (APHIS), "APHIS Certificate for Export of Ovine and Caprine Embryos from the United States of America to Ghana," located at: https://www.aphis.usda.gov/regulations/vs/iregs/animals/downloads/gh-ov-cap-emb-hc.pdf.

Veterinary Health Certificate for Export of Ovine and Caprine Embryos from the United States of America to the Republic of Ghana



Veterinary Authority: UNITED STATES DEPARTMENT OF AGRICULTURE Date Of Issue: Certificate Number

CERTIFICATION STATEMENTS:

- The United States is free of foot-and-mouth disease without vaccination, sheep and goat pox, peste des petites
 ruminants, contagious caprine pleuropneumonia, and Rift Valley fever, in accordance with the OIE Terrestrial Animal
 Health Code.
- 2. The donor animals were born or legally imported into the United States.
- 3. During the 12 months prior to collection, the States of origin of the donor animals have not reported/confirmed clinical cases of caprine/ovine brucellosis (*Brucella melitensis*).
- During the 12 months prior to embryo creation, the farms of origin of the donor animals have been free of clinical cases
 of scrapie, maedi-visna, caprine arthritis/encephalitis, bluetongue, paratuberculosis, ovine epididymitis, and contagious agalactia.
- 5. Embryos were created using semen that meets the import health requirements of the importing country, or the OIE, or equivalent.
- On the day(s) of collection, all the donor animals were in good health and did not show clinical signs of infectious or communicable disease.
- Embryos were washed at least ten times at a dilution of at least 1/100 between each washing, in accordance with OIE
 Terrestrial Animal Health Code.
- The zona pellucida of each embryo, after washing, should be examined over its entire surface area at not less than 50X magnification to ensure that it is intact and free of adherent material.
- Embryos were frozen in fresh liquid nitrogen and stored in new or cleaned and disinfected vials or containers containing fresh liquid nitrogen.
- 10. Only embryos from a single female donor are packaged together in the same straw.
- 11. Straws are individually identified with donor animal and straw identification code.
- 12. The shipping containers will be sealed by a USDA accredited veterinarian prior to transportation to the port of
- Embryos were not exported prior to the final endorsement of required veterinary health certificate by the competent veterinary authority.

MAY 2020 Page **2** of **3**

Veterinary Health Certificate for Export of Ovine and Caprine Embryos from the United States of America to the Republic of Ghana



Veterinary Authority:	Date Of Issue:	Certificate Number:
UNITED STATES DEPARTMENT OF AGRICULTURE		

TEST REQUIREMENTS:

The donor animals were tested according to recommendations in the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals, with negative results, for the following diseases within 6 months prior to embryo/oocyte collection:

Terrestrial Animals, with negative results, for the following d	liseases within 6 months prior to embryo/oocyte collection:
Tuberculosis (Mycobacterium bovis), for goats: Date of test:	
2. Contagious epididymitis (<i>Brucella ovis</i>), for sheep: Date of test:	
Maedi-visna (for sheep) OR caprine arthritis encephalit Date of test:	is (for goats):
4. Bluetongue: Date of test:	
	Name of USDA Veterinarian:
ame of Accredited Veterinarian:	
ignature of Accredited Veterinarian:	Signature of USDA Veterinarian:
date:	Date:

MAY 2020 Page 3 of 3

APPENDIX II: GHANA FDA REGULATED PRODUCTS

The Food and Drugs Authority of Ghana (Ghana FDA) is the national regulatory body responsible for the regulation of food, drugs, food supplements, herbal and homeopathic medicines, veterinary medicines, cosmetics, medical devices, household chemical substances, tobacco, and tobacco products, as well as for conducting clinical trials mandated by the <u>Public Health Act No. 851 (2012)</u>. 12

FAS Accra recommends that prospective exporters familiarize themselves and follow all applicable
Ghana FDA guidelines. These are accessible on the Ghana FDA website, located at:
www.fdaghana.gov.gh.

Attachments	ments	Attac
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No Attachments

¹² See, Ghana Public Health Act No. 851 (2012), located at: https://fdaghana.gov.gh/laws/.