



VETERINARY HEALTH CERTIFICATE

EXPORT OF SWINE TO THE PEOPLE'S REPUBLIC OF CHINA

EXPORTER: _____

ADDRESS: _____

IMPORTER: _____

ADDRESS: _____

I, the undersigned Veterinarian, duly authorized by the Canadian Food Inspection Agency, certify that:

1. Canada is officially free of classical swine fever (hog cholera), foot and mouth disease, African swine fever, swine vesicular disease, Teschen's disease, pseudorabies (Aujeszky's disease) and swine brucellosis.
2. The farm of origin:
 - a) has been free of brucellosis and tuberculosis for the preceding three (3) years (on basis of slaughter reports);
 - b) has not had any clinical evidence of transmissible gastroenteritis (TGE), hemagglutinating encephalomyelitis, parvovirus infection, toxoplasmosis, atrophic rhinitis, leptospirosis and treponema hyodysenteriae for the past twelve (12) months;
 - c) has not had any clinical evidence of other serious contagious diseases for the past sixty (60) days;
 - d) has had no evidence of mycoplasma pneumonia or contagious pleuropneumonia for the preceding twelve (12) months on the basis of slaughter and clinical reports, including examination of the tonsils;
 - e) has never had clinical signs of porcine respiratory and reproductive syndrome (PRRS) and has had less than twenty percent (20%) stillbirth, eight percent (8%) abortion, and twenty-six percent (26%) pre-weaning mortality.
3. Prior to entry into the pre-embarkation quarantine, the swine to be exported were examined on the farm of origin and found free from any signs of infectious disease and were tested with negative results for the following diseases:

SEE TABLE 2 FOR DATES OF TESTS

- i) brucellosis
- complement fixation test - less than 50% fixation at a dilution of 1:10;
OR
- BPAT (buffered plate agglutination test)

DELETE AS APPROPRIATE.

- ii) transmissible gastroenteritis (TGE) - seroneutralization test - negative at 1:8. A blocking ELISA can be used on SN positive sera and shall give negative results for TGE⁽¹⁾;
- iii) tuberculosis - intradermal test using avian and bovine PPD tuberculin behind the ear, no reaction being considered negative;
- iv) contagious pleuropneumonia (actinobacillus pleuropneumoniae - types 1, 5 and 7) - All swine were tested twice at a minimum of twenty-one (21) days apart by either the ELISA or the complement fixation test negative at less than 50% fixation at a 1:10 dilution. Between the tests, the swine were held in isolation at the farm of origin.

- v) parvovirus
EITHER
 a) in non-vaccinated herd:
 - hemagglutination inhibition test - negative at 1:16
OR
 b) in vaccinated herd:
 - no test required for swine in herds which vaccinate and for which a vaccination certificate is provided confirming that the animals have been vaccinated a minimum of thirty (30) days prior to the departure time.
 - Attach Veterinary Certificate

DELETE AS APPROPRIATE.

- vi) PRRS - indirect fluorescent antibody test (IFAT) - negative at a 1:20 dilution **OR** ELISA⁽¹⁾.
4. i) The swine for export have not been vaccinated for any disease with the exception of parvovirus infection and any parvovirus vaccination was performed as per Item 3(v)(b) above. In the case of swine erysipelas, vaccination may occur on the farm of origin; detail of vaccine used is mentioned in Table 2.
- ii) The swine for export have been subjected to prophylactic treatment for the following diseases prior to entry into the pre-embarkation quarantine facility: **(SEE TABLE 2 FOR TREATMENT INFORMATION)**
- a) swine dysentery (*Treponema hyodysenteriae*)
- b) mycoplasma pneumonia
5. Pre-embarkation quarantine facility - Following on farm isolation and testing, the animals for export were maintained in a facility approved by the Canadian Food Inspection Agency for a minimum period of thirty (30) days during which time they did not come in contact with animals not qualified for export to China.
6. During the pre-embarkation quarantine, the animals have had regular clinical examination and were tested or treated for the following diseases:

SEE TABLE 3 FOR DATES OF TESTS

- i) transmissible gastroenteritis (TGE) - seroneutralization test - negative at 1:8. A blocking ELISA can be used on SN positive sera and shall give negative results for TGE⁽¹⁾;
- ii) contagious pleuropneumonia (*Actinobacillus pleuropneumoniae* - types 1, 5 and 7)
 - by ELISA or the complement fixation test negative at less than 50% fixation at a dilution of 1:10. Animals tested for contagious pleuropneumonia were resident in the pre-export quarantine for at least fourteen (14) days prior to testing
- iii) PRRS - indirect fluorescent antibody test (IFAT) - negative at a 1:20 dilution **OR** ELISA⁽¹⁾.

DELETE AS APPROPRIATE.

7. During the quarantine period, the swine were treated for internal and external parasites using approved products and under the supervision of an official veterinarian of the Canadian Food Inspection Agency. **(SEE TABLE 3 FOR TREATMENT INFORMATION)**
8. During the quarantine period, the swine shall be under regular examination and shall be treated for leptospirosis using dihydrostreptomycin twice at a dosage of 25 mg/kg of body weight with an interval of fourteen (14) days between injections or using long action tetracycline once at a dosage of 20 mg/kg. **(SEE TABLE 3 FOR TREATMENT DATES)**
9. All crates, vehicles, ships or aircraft used to transport the swine to China were cleaned and disinfected according to procedures approved by veterinary officers of the Canadian Food Inspection Agency.
- Name of Disinfectant _____ Date _____
10. Feeds and bedding used during quarantine and transportation were from areas free of epizootic disease and meet the veterinary quarantine conditions.
11. The swine exported were not in contact with animals not of the same consignment and were not transported through areas where serious epizootic diseases exist.
12. The swine to be exported were clinically examined within twenty-four (24) hours of export and found to be healthy and free of evidence of infectious and contagious diseases.

⁽¹⁾ **The Canadian exporter will be RESPONSIBLE to provide the reagents to test the pigs for PRRS and porcine respiratory coronavirus to repeat the tests in the People's Republic of China.**

TABLE 2

EARTAG TATTOO	BRUC. CF TEST DATE	BRUC BPAT TEST DATE	TGE SN/ ELISA TEST DATE/	TB TEST DATE	CONT. PLEURO. TEST DATES			PARVOVIRUS HI TEST DATE 3. (v)	PARVOVIRUS VACCINATION DATE 3. (v)	NAME/ TYPE OF VACCINE	MANUFACTURER & DOSAGE	PRRS TEST DATE
					T-1	T-5	T-7					

TABLE 2 CONT'D

ERYSIPELAS VACCINATION DATE 4. (i)	NAME OF VACCINE	MANUFACTURER & DOSAGE	EXPECTED EFFECTIVE IMMUNITY PERIOD	SWINE DYSENTERY TREATMENT DATE(S)	PRODUCT USED AND DOSAGE	MANUFACTURER	MYCOPLASMA PNEUMONIA TREATMENT DATE(S)	PRODUCT USED AND DOSAGE	MANUFACTURER

TABLE 3

EARTAG/ TATTOO	PRE-EMBARKATION QUARANTINE									
	TGE TEST DATE	CONT. PLEUROPNEUMONIA TEST DATES			PRRS TEST DATE	INTERNAL/EXTERNAL PARASITE TREATMENT DATE(S)	PRODUCT USED AND DOSAGE	MANUFACTURER	ROUTE OF ADMINISTRATION	LEPTO TREATMENT DATES
		TYPE 1	TYPE 5	TYPE 7						

Date

Official Export Stamp

Official Veterinarian
Canadian Food Inspection Agency
Government of Canada