



HEALTH CERTIFICATE

for export of semen of domestic animals of the bovine species from Norway to Vietnam

Reference number									
N	O	-							

Seal number of semen container (s):

Country of export
 (country of residence of all donors):

Competent central authority:

Competent local authority:

I. Identification of semen (each straw is identified by the identification of the donor animal and the date of collection):

Number of doses	Date(s) of collection	Donor animal					
		Breed	Herd/stud book number	Ear-tag, tattoo, brand or microchip number	Name	Date of entry into the collection centre	Straw identification/batch

II. Origin of semen

Name and address of semen collection centre:

Approval number of semen collection centre:

III. Destination of semen

The semen will be sent from: (place of loading)

to (country and place of destination):

By (means of transport; route & flight no.):

Name and address of consignor:

Name and address of consignee:

Done at		on	
Stamp	Signature of the Official Government Veterinarian		
	Name and title in capital letters		

IV: Certification

I, the undersigned Official Veterinarian, certify that:

1. At the time of collection of the semen for export, the donor bulls had been resident at the AI center for at least 6 months and during this time were not used for natural service.
2. Norway has been free of foot-and-mouth disease, rinderpest, East Coast fever and contagious bovine pleuropneumonia for at least 3 years.
3. No case of vesicular stomatitis was reported within 10 km of the AI center during the 3 months immediately prior to collection of the semen for export.
4. The AI center was clinically free of Johne`s disease and enzootic bovine leucosis (EBL) for at least 3 years prior to collection of the semen for export.
5. The AI center was free of brucellosis and tuberculosis for at least 3 years prior to collection of the semen for export.
6. The AI center was free of trichomoniasis, bovin genital campylobacteriosis, and leptospirosis for at least 12 months prior to collection of the semen for export.
7. The AI center was clinically free of infectious bovine rhinotracheitis (IBR), bluetongue, Q fever, and bovine virus diarrhoea (BVD) for at least 12 months prior to the collection of the semen for export.
8. The following antibiotics were added to the semen and the extender during processing:
 - Gentamicin 250 mcg per ml
 - Tylosin 50 mcg per ml
 - Lincomycin 150 mcg per ml
 - Spectinomycin 300 mcg per ml
9. To the best of my knowledge, the semen is free of pathogenic microorganisms.

V: Testing

The donor bulls were tested as prescribed below, with negative results, within 6 months before to 6 months after collection of the semen for export (or within the period specified). All serological and microbiological tests were conducted at an Official Approved laboratory.

1. Brucellosis: Standard tube test or standard plate test at a 1:50 dilution OR buffered Brucella antigen test (e.g., card test) test OR complement fixation (CF) test OR ELISA
2. Tuberculosis: Intradermal test using Bovine PPD tuberculin
3. Leptospirosis: Microtiter agglutination test at a 1:400 dilution for *L. canicola*, *L. grippityphosa*, *L. hardjo*, *L. icterohaemorrhagiae*, and *L. Pomona*
4. IBR: Serum neutralization (SN) test at 1:8 dilution OR ELISA OR virus isolation (VI) or PCR test on the semen to be exported
5. BVD: Agent identification test (PCR/VI or Antigen capture ELISA) on blood, serum, or the semen to be exported
6. Bluetongue: Serum samples were collected from each donor and tested for bluetongue antibodies using ELISA test, with negative results in each case, and the serum samples were collected at least 14 days before the first semen collection, and at least 21 days after final semen collection, and not more than 6 months apart
7. Trichomoniasis: Culture OR PCR of preputial washings
8. Campylobacteriosis: Culture OR PCR of preputial washings
9. Johne`s disease: CF test or ELISA OR fecal culture, within 12 months before to 12 months after collection of the semen for export
10. BL: AGID test OR ELISA OR PCR on semen to be exported

VI Other information

The permanent markings on each ampule or straw of semen are to include the date of collection, the registration number, the registration name of the donor bull and the identification of the semen production center where the semen was collected

Done at	Signature of an Approved Government/ Centre Veterinarian		
on	Name and title in capital letters		
Done at		on	
Stamp	Signature of the Official Government Veterinarian		
	Name and title in capital letters		