

MATTILSYNET NORWEGIAN FOOD SAFETY AUTHORITY

# **HEALTH CERTIFICATE**

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

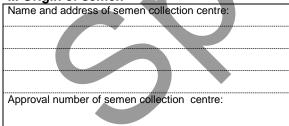
Reference number									
Ν	0	-							

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

## II. Origin of semen



#### 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	ada	lress	of	consignee:	

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

## IV: Certification

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.
<ol> <li>Norway has been free of foot-and-mouth disease, rinderpest, East Coast fever and contagious bovine pleuropneumonia for at least 3 years.</li> </ol>
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.
<ol> <li>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.</li> </ol>
5. The AI center was free of brucellosis and tuberculosis for at least 3 years prior to collection of the semen for export.
<ol><li>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.</li></ol>
<ol> <li>The AI center was clinically free of infectious bovine rhinotracheitis (IBR), bluetongue, Q fever, and bovine virus diarrhea (BVD) for at least 12 months prior to the collection of the semen for export.</li> </ol>
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
<ol> <li>Leptospirosis: Microtiter agglutination test at a 1:400 dilution for L. canicola, L. grippotyphosa, L. hardjo, L. icterohaemorrhagiae, and L. Pomona</li> </ol>
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 tes (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 ELASA OR PCR on semen to be exporten
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

Dono ut	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					