

## **IR2023-new012: Health Requirements for importing artemia cyst and its products (Frozen A., Powder A., Flake A., Ensile A., etc.) to I.R. of Iran (last update 17/01/2023)**

### **1- SCOPE**

This IHR is drawn up for importing artemia cyst and its products from abroad to Iran.

#### **Species approved for import into the country:**

- ✓ Artemia franciscana
- ✓ Parthenogenous species (based on correspondence number 10558 dated 4/15/1399 of the Iran Fisheries Organization head and number 99/500/7477 dated 3/24/1399 of the Iran Environment Organization Marine Deputy).

### **2-GENERAL REQUIREMENTS**

1-The present general requirements are drawn up in accordance with Aquatic Animal Health Code of WOAHA 2022.

2-The import request will be scrutinized given the submitted documents and latest status of aquatics health in country of origin and risk assessment shall be carried out.

3-Visit by Iran Veterinary Organization (IVO) representative from farm of origin and consignment is obligatory, if required.

4-The importer shall prepare the required documents and papers and submit to IVO which might be different depending on the case.

5-IVO is entitled to approve or deny the eligibility of the country of origin taking into account the governing health regulations and the conducted investigations.

6- According to the Article 5.9.1. in Chapter 5.9. of WOAHA Code -2022, IVO is entitled to halt the import of the consignments at any stages in case of happening of any animal health related events. IVO may prohibit the introduction into its territory of aquatic animals if these were found, on examination carried out at the frontier post by a member of the personnel of the Aquatic Animal Health Service, to be affected by a listed disease of concern to the country. Refusal of entry may also be applied to aquatic animals that are not accompanied by an international aquatic animal health certificate conforming to the requirements of the IVO.

7-Importing of any Genetically Modified products (**GMO**) is prohibited.

8- The **health certificates** for international trade in live aquatic animals with IRAN must issue in the format of Chapter 5.11. Of WOAHA Code -2022. Name of the zone or compartment of origin and **ISO Code** for Country of destination is necessary. The certificate reference number must be applied on all the pages of the certificate. Certificate must be issue not more than **3 days** before embarkation.



- 9- **Certificate of origin** must be issue by competent authority of the country of origin.  
10- The registration number(s) of rail-wagon or lorry and the name of the ship should be given as appropriate. If known, the flight number of the aircraft.

### 3-COUNTRY OF ORIGIN REQUIREMENTS

- 1- The country shall be a member of WOAHP observing the aquatic health rules and regulations sending disease information to WOAHP with operative aquatic disease surveillance system.
- 2-The complete information on aquatic notifiable diseases shall be available (at least for the recent 2 years).
- 3-The WOAHP listed aquatic diseases and aquatic notifiable diseases **surveillance system** shall be operative.
- 4-The comprehensive **prevention, control and eradication plans for aquatic notifiable diseases** shall be existed.
- 5-The Official Veterinary service/ competent authority shall be hold accountable for aquatic diseases and issue Veterinary Health Certificate.
- 6- The Official Veterinary service /competent authority shall issue the Veterinary Health Certificate, compatible with WOAHP format, mentioned in Chapter 5.11. Of WOAHP Code -2022.
- 7- The Product have undergone a veterinary examination and has come from territories recognized as free from the diseases of aquatic animals, as well as infectious diseases (including foot and mouth disease, anthrax, particularly Influenza) during the past 24 months. The Product is declared free from microbial infections (including Enterobacteriaceae, Salmonella) and the Chemical analysis (including heavy metal contents) were tested by accredited laboratory showing negligible quantities below WOAHP permissible levels.

### 4-FARM OF ORIGIN REQUIREMENTS

- 1-The approve and registration of farm , its specifications , Health status of aquaculture zones or compartments must be declare by competent authority accordance with Annex II of the council **Directive 2006/88/EC**. The farm official controls&monitoring shall be done accordance with council **Directive 2017/625/EC**.
- 3-The farm must have **Free Sale** and eligible for exporting to EU or USA member states. Other farms must be Audit and verified by IVO – experts.
- 4-The farm shall be covered by the WOAHP aquatic notifiable diseases surveillance system and **no case of the WOAHP aquatic notifiable diseases has been reported during last 2 years**. The farm must not associated with **any significant disease or pests within the previous 6 months**.

### 5-CONSIGNMENT REQUIREMENTS

1- Tare and packing materials are disposable and comply with hygienic standards .Each bag containing only one species. Vehicle has been treated and prepared according to international sanitary rules and regulations

**A) Sanitary requirements for import of artemia cyst and its products for *aquatic animals feeding directly*:**

If artemia cysts and biomass are directly consumed in aquatic animals, because Artemia is considered live food, its risks are biological .Health certificates related to the viral, bacterial, and parasitic diseases (*depending on the targeted aquatic animal*) required for import. List of the aquatic animal diseases that must declare in health certificate are:

- 1) **Fish diseases:** According to the table of paragraph 5 of the IHR number IR-007-2021.02.01, the consignment shall be free from following Infections /diseases at the level described below. Please refer to this link: <http://e.ivo.ir/contents.aspx?id=10492>

Infection with	Zone		Farm	
	Yes	No	Yes	No
Oncorhynchus masou virus <sup>1</sup>	*			
Epizootic haematopoietic necrosis virus <sup>1</sup>	*			
Viral haemorrhagic septicaemia virus	*			
HPR-deleted or HPRO Infectious salmon anaemia virus	*			
Salmonid alphavirus <sup>1</sup>	*			
Infectious haematopoietic necrosis virus <sup>1</sup>	*			
Koi herpesvirus <sup>2</sup>	*			
Spring viraemia of carp virus <sup>3</sup>	*			
Aphanomyces invadans (epizootic ulcerative syndrome)	*			
Gyrodactylus salaris			**	
Infectious pancreatic necrosis virus			**	
Bacterial kidney disease			**	
Piscirickettsiosis			**	
Furunculosis			***	
Yersiniosis			***	
streptococcosis			***	
All parasitic infestations			****	
All fungal infestations			****	

\* Based on the monitoring and surveillance and testing, which are approved by WOAHP or never reported in the country.

\*\*Based on clinical symptoms and no history of the disease during the last two years and standard diagnostic tests for pathogen in six-month period. The date of last diagnostic tests of the diseases shall be stipulated in the health certificate and the tests results shall be attached.

\*\*\* According to the non-occurrence of the disease in the past two years and disinfection of eggs before embarkation.

\*\*\*\* According to the non-occurrence of the disease in the past 6 months and disinfection of consignment before embarkation.

1. Only for Salmonidae family
2. Only for Koi, Common carp and Ornamental fishes
3. Only for Cyprinidae family and Ornamental fishes

**2) Crustacean diseases:** According to the “National strategic plan for control of WSSV in IRAN” (Part 3.1.6.), the consignment shall be free from following Infections /diseases at the level described below.

Infection with	Zone		Aquaculture establishment	
	Yes	No	Yes	No
Taura syndrome(TSV)	*		*	
White spot disease(WSSV)	*		*	
Yellowhead disease(YHV)	*		*	
Tetrahedral baculovirus (baculovirus penaei)	-		*	
Spherical baculovirus(MBV)	-		*	
Infectious hypodermal and haematopoietic Necrosis (IHHNV)	*		*	
Infectious myonecrosis(IMNV)	*		*	
White tail disease (MrNV)	*		*	
Necrotising hepatopancreatitis(NHP)	*		*	
Acute Hepatopancreatic Necrosis (AHPND)	*		*	
Hepatopancreatic virus(HPV)	-		*	
Microsporidians ( EHP)	*		*	
Haplosporidians	-		*	
Gregarians	-		*	
Covert mortality nodavirus (CMNV)	*		*	
Decapod Iridescent virus 1 (DIV1)	*		*	
<i>Litopenaeus vannamei nodavirus (LvNV)</i>	*		*	



**B) Sanitary requirements for the import of Artemia and its products for the purpose of *producing aquatic feed*:**

In these cases Artemia cysts and biomass are processed and heated in aqua feed factories, and complete feed is prepared from them and then used for aqua feed consumption. In these cases, for the import must act according to the IHR rules for aqua feed under number IR010-2021.02.01. Please refer to this link: <http://e.ivo.ir/contents.aspx?id=10493>.