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## IR2022-new011: Health Requirements for importing Fishmeal to I.R. of Iran (last update 07/12/2022)

### A- SCOPE

This IHR is drawn up for importing fishmeal from abroad to Iran.

### B-GENERAL REQUIREMENTS

- 1- The importer shall prepare the required documents and papers and submit to IVO which might be different depending on the case.
- 2- The feed establishment must be approved and supervised by the competent authority in accordance with regulation (EC) n.625/2017.
- 3- The establishment must have verified International quality assurance systems like HACCP, ISO22000, according to the regulation (EC) n.183/2005.
- 4- The goods in the consignment originate from areas free from WOAHP notifiable diseases transmissible through this goods. At the time of production and shipment of the party, no epidemic among of animals according to the WOAHP notifiable diseases prevailed within 30 km radius of the processing plant.
- 5- The fishmeal must have Free sale and don't contain any pesticides, growth hormones or antibiotics.
- 6- According to the WOAHP code-2022(Chapter 4.9.) ,during the manufacturing process if the products have heat treatment at 121°C for 3/6 minutes or 100°C for 30 minutes at the center of the mass or undergo significant processing such as acidification, extrusion and extraction ,the risk of the pathogenic agents were be negligible , and therefore don't need to issuing Health certificate for WOAHP listed notifiable diseases .
- 7- The fishmeal mustn't contain meat meal protein, bone meal or any protein of animal origin.
- 8- The fish meals and the fish oils used should classified in the category 3 as defined by the EU directive 1774/2002.
- 9- The fishmeal must be free from Genetically Modified Organisms (GMO).
- 10- The fishmeal materials must come from an area free of infective diseases for animals for which the goods are designed and manufactured.
- 11- The fishmeal for aquaculture animals meet the requirements of hygiene in accordance with Regulation (EC) n.183/2005.
- 12-The feed for aquaculture animals are placed on the market in accordance with regulation (EC) n.767/2009.
- 13- **Certificate of origin** must be issue by competent authority of the country of origin.



Iran Veterinary Organization  
I.V.O

In the Name of God



ISLAMIC REPUBLIC OF IRAN  
MINISTRY OF JIHAD - E - AGRICULTURE  
VETERINARY ORGANIZATION

Ref :  
Date :

### C- Organoleptic criteria

- The fishmeal have a maximum moisture content 10%.

### D- Bacteriological criteria

According to the competent authority's control plan, the fishmeal have undergone bacteriological examination and:

Product	Test	No. of samples (n)	c	m	M	Test method
Aquatic animals Complete feed	<i>Entrobacteriaceae (g)</i>	5	2	10	300	ISO 4833
	<i>Salmonella(in 25 g)</i>	5	0	0		EN/ISO 6579

### E) Chemical and Heavy metals criteria

Test	Maximum levels (mg/kg)	Test method
<b>Aflatoxin B1</b>	0/02	HPLC
<b>Lead</b>	10	Atomic Absorption Spectroscopy(AAS)
<b>Cadmium</b>	2	
<b>Arsenic</b>	25	
<b>Flourine</b>	500	
<b>Mercury</b>	0.5	
<b>Nitrite</b>	30	

### F) Dioxins and PCBs

Test	Maximum levels( ng/kg)	Test method
<b>Sum of dioxins</b>	1/25	NF-EN 1528-1996
<b>Sum of dioxins and dioxin- like PCBs</b>	9	NF-EN 1528-1996