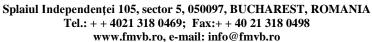


## UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE

## FACULTY OF VETERINARY MEDICINE





**DEPARTMENT: ANIMAL PRODUCTIONS AND PUBLIC HEALTH** 

**DISCIPLINE: INSPECTION AND CONTROL OF ANIMAL DERIVED FOOD PRODUCTS** 

Course responsible teacher: Associate professor Mara Georgescu, DVM PhD

## SUBJECTS FOR BACHELOR'S DEGREE EXAMINATION, 2020

Nr.	Subject	Reference
Crt		Reference
1	Detection of <i>Trichinella spiralis</i> in meat - the official reference	Regulation (EU)
	method	1375/2015
2	Laboratory analysis of meat, meat products, fish and fish products:	FSSAI (2012), pag. 3-55
	- Determination of moisture	
	- Determination of total fat	
	- Determination of total protein	
	- Determination of nitrites	
	- Determination of sodium chloride	
	- Determination of pH	
	- Determination of total volatile basic nitrogen (TVBN)	
3	Assessment of fish freshness according to Council Regulation(EC)	Regulation(EC) No
	No 2406/96:	2406/96
4	Laboratory analysis of milk and dairy products	
	- Determination of total solids	
	- Determination of fat - Gerber method	
	- Determination of milk protein - Kjeldahl method	
	- Determination of lactose - colorimeric method	FSSAI (2015), pag. <sup>7</sup> - 183
	- Test for presence of formalin, hydrogen peroxide, neutralizers	
	used as adulterants	
	- Detection of sodium chloride	
	- Detection of starch	
	- Determination of titratable acidity	
5	Laboratory analysis of honey	
	- Determination of moisture, refractometric method	IHC (2019), pag. 1-26
	- Determination of pH and free acidity	

## References:

- 1. Commission Implementing Regulation (EU) 2015/1375 of 10 August 2015 laying down specific rules on official controls for Trichinella in meat
- 2. FSSAI (2012). Manual of methods of analysis of foods. Meat and meat products & Fish and fish products. FSSAI, Dew Dehli, 2012. Available at https://old.fssai.gov.in/Portals/0/Pdf/15Manuals/MEAT%20AND%20FISH.pdf

- 3. FSSAI (2015). Manual of methods of analysis of foods. Milk and milk products. FSSAI, Dew Dehli, 2015. Available at <a href="https://old.fssai.gov.in/Portals/0/Pdf/Draft">https://old.fssai.gov.in/Portals/0/Pdf/Draft</a> Manuals/MILK AND MILK PRODUCTS.pdf
- 4. Council Regulation(EC) No 2406/96 of 26 November 1996 laying down common marketing standards for certain fishery products.
- 5. IHC (2019). International Honey Commission "Harmonized methods of the International Honey Commission", Available at <a href="http://www.ihc-platform.net/ihcmethods2009.pdf">http://www.ihc-platform.net/ihcmethods2009.pdf</a>