



UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE  
 FACULTY OF VETERINARY MEDICINE  
 Splaiul Independenței 105, sector 5, 050097, BUCHAREST, ROMANIA  
 Tel.: + + 4021 318 0469; Fax: + + 40 21 318 0498  
 www.fmvb.ro, e-mail: info@fmvb.ro



**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. Crt	Subject	Reference
1	Detection of <i>Trichinella spiralis</i> in meat - the official reference method	Regulation (EU) 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) No 2406/96:	Regulation(EC) No 2406/96
4	Laboratory analysis of milk and dairy products	FSSAI (2015), pag. 7-183
	- Determination of total solids	
	- Determination of fat - Gerber method	
	- Determination of milk protein - Kjeldahl method	
	- Determination of lactose - colorimetric method	
	- 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	IHC (2019), pag. 1-26
	- Determination of moisture, refractometric method	
	- 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 [https://old.fssai.gov.in/Portals/0/Pdf/Draft\\_Manuals/MILK\\_AND\\_MILK\\_PRODUCTS.pdf](https://old.fssai.gov.in/Portals/0/Pdf/Draft_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 <http://www.ihc-platform.net/ihcmethods2009.pdf>