Hellenic Accreditation System

Annex F1/12 to the Certificate No. 477-4

SCOPE of ACCREDITATION

of the

Veterinary Laboratory of Chalkis-

National Reference Laboratory for Salmonella and Antimicrobial Resistance

of the

Directorate, Veterinary Center of Athens

of the

Ministry of Rural Development & Food

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
Microbiological testing		
1.Foodstuffs and animal feeding stuffs	1. Detection of *Salmonella* spp. (excluding serovars *S.* Typhi & *S.* Paratyphi)	ISO 6579-1:2017
	2. Enumeration of microorganisms by the colony count method at 30 ^{0}C, using the pour plate technique	ISO 4833-1: 2013
	3. Enumeration of microorganisms by the colony count method at 30 ^{0}C, using the surface plating technique	ISO 4833-2:2013
	4. Detection and enumeration of Enterobacteriaceae, by the colony count technique	ISO 21528-2:2017
	5. Detection of Campylobacter spp.	ISO 10272-1: 2017
	6. Enumeration of Campylobacter spp.	ISO 10272-2: 2017
2. Live bivalve molluscs	1.Enumeration of β-glucoronidase	ISO 16649-3:2015

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
	positive *Escherichia coli* in	
3.Animal faeces, environmental samples from the primary production stage	1. Detection of *Salmonella* spp. (excluding serovars *S.* Typhi & *S.* Paratyphi)	ISO 6579-1:2017
	2. Detection of Campylobacter spp.	ISO 10272-1: 2017
	3. Enumeration of Campylobacter spp.	ISO 10272-2: 2017
4. *Salmonella* spp isolates	1.Serotyping of *Salmonella* spp strains	ISO 6579-3:2014
5. *Salmonella* spp & *E.coli* isolates	1.Monitoring of Antimicrobial resistance of *Salmonella spp* & *E.coli* strains with the Disk Diffusion agar test to: Ampicillin, cefotaxime, ceftazidime, gentamycin, nalidixic acid, ciprofloxacin, chloramphenicol, tetracycline, trimethoprim.	Antimicrobial Susceptibility–Agar Disk Diffusion Test according to the valid editions of CLSI:M2, CLSI:M100, Eucast Clinical Breakpoint Table and article of Cavaco LM and Aarestrup FM (J.Clin. Microbiol.2009.Sep;47(9):2751-2758)
	2. Monitoring of Antimicrobial resistance of *Salmonella spp* & *E.coli* strains with the Minimum Inhibition Concetration (MIC) test in microplate	Antimicrobial Susceptibility– Minimum Inhibition Concetration (MIC) – Broth Microdilution method using Sensititre microplate manufactured by TREK Diagnostic Systems, according to the valid editions of guidelines: ISO 20776-1 : 2006, CLSI: **VET 01S**, EUCAST epidemiological cut off values, Decision 2013/652/EE.
6. Muscular tissues and milk	1. Detection of antimicrobial agents (quinolones, cephalosporins, penicillins, macrolides, tetracyclines, aminoglycosides, sulfonamides)	*In house method (ΜΔ-07)* based on LMV/RMV/BIO/P TC/15.AN Version 06/17-10-2006 Guidance of Community Reference Laboratory ANSES
7. *Campylobacter jejuni* & *Campylobacter coli* isolates	1. Monitoring of Antimicrobial resistance of *Campylobacter jejuni* & *Campylobacter coli* strains with the Minimum Inhibition Concetration (MIC) test in microplate.	Antimicrobial Susceptibility– Minimum Inhibition Concetration (MIC) – Broth Microdilution method, using Sensititre microplate manufactured by TREK Diagnostic Systems, according to the valid editions of guidelines: CLSI: VET 01-A4,EUCAST epidemiological cut off values.

Site of assessment: **Laboratory permanent premises: Dokos Chalkis, Greece.**
Approved signatories: **Smpiraki Aphrodite, Valkanou Eleni, Mouttotou Niki, Katsaros Demetrios.**

This scope of Accreditation replaces the previous one dated 08.05.2018.

The Accreditation Certificate No.**477**-4, to ELOT EN ISO/IEC 17025:2005, is valid until 17.11.2020.

Athens, February 28 , 2019

Konstantinos Voutsinas
Managing Director, ESYD