Hellenic Accreditation System

Annex F1/11 to the Certificate No.**678**-5

SCOPE of ACCREDITATION

of the

Milk Quality Testing Laboratory of Lesvos

of the

Hellenic Agricultural Organization - DEMETER

Tested materials / products	Types of test / Properties	Applied standards/ Techniques
Chemical Testing		
Raw milk	Determination of fat, protein, lactose and total solids without fat	M-16, Manufacturer method of automated analyzer, Mid Infrared Spectrometry (filter technique) (MILKOSCAN FT+), based on ISO 9622:2013 /IDF 141: 2013
Raw cow milk	Enumeration of somatic cells	M-07, Fluoro-opto-electronic method (Fossomatic FC) ISO 13366-2: 20062 | IDF 148-2 : 2006
Physical Testing		
Raw milk	Determination of freezing point	M-18 Thermistor cryoscope reference method (C1A-GERBER INSTRUMENTS) ISO 5764 | IDF 108: 2009.
Microbiologic Testing		
Raw milk	Bacteria enumeration	M-04, Routine method, Bactoscan FC, data treatment / calibration based on ISO 21187| IDF 196: 2021, ISO 16140-2:2016, ISO 16297:2020

Tested materials / products	Types of test / Properties	Applied standards/ Techniques
Raw milk	Detection of antimicrobial residues [β-lactames (amoxicillin, ampicillin, penicillin G, cephalexin, cephapirin, ceftiofur, cefoperazone, cloxacillin, oxacillin), sulfonamides (sulfamethazine, sulfadiazine, sulfadimethoxine, sulfamethoxypyridazine, sulfathiazole), tetracyclines (chlortetracycline, tetracycline, oxytetracycline), macrolides (tylosin), aminoglycosides (neomycin), rifaximin, lincomycin].	M-21, Diffusion method ECLIPSE 4G

Site of assessment: **Permanent laboratory premises, Kato Tritos, Lesvos, Greece.**
Approved signatories : **Maria Chondrou.**

This scope of Accreditation replaces the previous one dated 21.11.2022.
The Accreditation Certificate No **678**-5, to ELOT ISO/IEC 17025:2017, is valid until 12.05.2027.

Athens, 02.05.2024

Christos Nestoras
CEO of ESYD