Hellenic Accreditation System

Annex F1/11 to the Certificate No.**680**-6

SCOPE of ACCREDITATION

of the

Milk Quality TestingLaboratory of Achaia

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	M-19,Manufacturer method of automated analyzer, Mid Infrared Spectrometry (FTIR technique) (MILKOSCAN 7 RM), based on ISO 9622:2013 /IDF 141: 2013. (Determination of total solids: calculation method)
Raw cow milk	Enumeration of somatic cells	M-07, Fluoro-opto-electronic method (Fossomatic FC), ISO 13366-2: 2006 / 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

Tested materials / products	Types of test / Properties	Applied standards/ Techniques
Microbiologic Testing		
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, doxycycline), macrolides (tylosin), aminoglycosides (neomycin), rifaximin, lincomycin].	M-21, Diffusion method, ECLIPSE 4G
Raw milk	Bacteria enumeration	M-04, Routine method, Bactoscan FC, data treatment / calibration based on ISO 21187 -2021,|IDF 196: 2021, ISO 16140-2:2016, ISO 16297:2020

Site of assessment: **Permanent laboratory premises,106 Kozanis & Meilichou str, Ano Sychaina. GR-26443, Patras, Greece.** Approved signatories: **Eleni Konstantinou.**
This scope of Accreditation replaces the previous one dated 21.11.2022.
The Accreditation Certificate No **680**-6, to ELO TISO/IEC 17025:2005, is valid until 12.05.2027.

Athens, 31.07.2025

Konstantinou Evaggelos-Apostolos

CEO of E.SY.D.