



Aristos Loucaides
Chemical Laboratory Ltd

ΧΗΜΙΚΟ ΕΡΓΑΣΤΗΡΙΟ | **ΑΡΙΣΤΟΥ ΛΟΥΚΑΪΔΗ ΑΤΑ**

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Job ID:16726
Sample ID: 200098-117

Date:30-11-2020

TEST CERTIFICATE

Name: **EMBIO DIAGNOSTICS**
Customer address: 8 Athalassas Avenue, 2018 Strovolos
Sample type: Food (Halloumi cheese)
Area of sampling: Sklavenitis Supermarket
Date sampled: 02-10-2020
Sampled by: Customer – Agni Hadjlouka
Date received: 02-10-2020
Date started: 06 & 22-10-2020
Date reported: 30-11-2020

Results reported relate to the sample(s) received at the laboratory.

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Comparison and interpretation of sample results between the reference and alternative methods for a paired study

Sample ID	Sample Description	<i>L. monocytogenes</i>		Interpretation based on the confirmed alternative method result
		Reference method	Alternative method	
200098	Χαλλούμι «ΛΕΥΚΟΝΟΙΤΖΙΑΤΗ» 225g Limassol 28.07.2021 B01210A	ND	ND	Negative Agreement (NA)
200099	Χαλλούμι «Μαράτα» 225g Limassol 31.01.2022 BN33A1408209	ND	ND	Negative Agreement (NA)
200100	Χαλλούμι «Χαραλαμπίδης Κρίστης» 225g Prod.date:21.04.2020, Exp.date: 20.04.2021 1D11C – 38	ND	ND	Negative Agreement (NA)
200101	Χωριάτικο αιγοπρόβειο χαλλούμι «ΣΤΟ ΤΑΛΑΡΙΝ &Ι. ΚΕΣΕΣ» 202g Αυδήμου, Prod.Date: 21/05/20 BAT1 (005840) Exp.Date: 21/05/21	ND	ND	Negative Agreement (NA)
200102	Χαλλούμι «Χαραλαμπίδης Κρίστης» 250g, Λεμεσός, Prod.date: 24.07.2020, Exp.Date: 23.07.2021 1G12EB-31	ND	ND	Negative Agreement (NA)
200103	Χαλλούμι «ΛΕΥΚΟΝΟΙΤΖΙΑΤΗ Παραδοσιακό Αιγοπρόβειο» 225g Αγ.Αθανάσιος, Λεμεσός, Exp.Date: 04.02.21 B06035A	ND	ND	Negative Agreement (NA)
200104	Χαλλούμι «ALAMBRA Traditional» 218 g Λάρνακα, Exp.date: 30-11-21 BN24C10062012	ND	ND	Negative Agreement (NA)
200105	Χαλλούμι «ΛΑΝΙΤΗΣ –Γαλακτοκομικά» Light - Κυπριακό τυρί 215g, Έγκωμη Λευκωσία, Exp.Date: 24/01/2021 2004E06	ND	ND	Negative Agreement (NA)
200106	Χωριάτικο Χαλλούμι «Χαραλαμπίδης Κρίστης» Πρόβειο ΠΙΣΣΟΥΡΚΩΤΙΚΟ 205g, Αγ. Αθανάσιος, Λεμεσός, Prod.date: 20.02.2020, Exp.Date: 19.11.2021 6B10E-3	ND	ND	Negative Agreement (NA)
200107	Χωριάτικο Χαλλούμι «Χαραλαμπίδης Κρίστης» ΠΙΣΣΟΥΡΚΩΤΙΚΟ από 100% Κυπριακό Αιγοπρόβειο Φρέσκο Γάλα, 245g, Αγ.Αθανάσιος, Λεμεσός, Prod.date: 31.03.2020, Exp.Date: 30.12.2021 6C16-7	ND	ND	Negative Agreement (NA)
Unit		per 25g	per 25g	-
Method		MF06 based on VIDAS BIOMERIEUX	BRaD LMO* (Bacteria Rapid Detection)	-

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Sample ID	Sample Description	<i>L. monocytogenes</i>		Interpretation based on the confirmed alternative method result
		Reference method	Alternative method	
200108	Χαλλούμι "ΛΕΥΚΟΝΟΙΤΖΙΑΤΗ» 225g Limassol 28.07.2021 B01210A	Detected	Detected	Positive Agreement (PA)
200109	Χαλλούμι "Μαράτα» 225g Limassol 31.01.2022 BN33A1408209	Detected	Detected	Positive Agreement (PA)
200110	Χαλλούμι "Χαραλαμπίδης Κρίστης» 225g Prod.date:21.04.2020, Exp.date: 20.04.2021 1D11C - 38	Detected	Detected	Positive Agreement (PA)
200111	Χωριάτικο αιγοπρόβειο χαλλούμι στο ταλάρι γ.&ι. Κεσερ 202g Αυδήμου, Prod.Date: 21/05/20 BAT1 (005840) Exp.Date: 21/05/21	Detected	Detected	Positive Agreement (PA)
200112	Χαλλούμι "Χαραλαμπίδης Κρίστης» 250g, Λεμεσός, Prod.date: 24.07.2020, Exp.Date: 23.07.2021 1G12EB-31	Detected	Detected	Positive Agreement (PA)
200113	Χαλλούμι "ΛΕΥΚΟΝΟΙΤΖΙΑΤΗ» Παραδοσιακό Αιγοπρόβειο 225g Αγ.Αθανάσιος, Λεμεσός, Exp.Date: 04.02.21 B06035A	Detected	Detected	Positive Agreement (PA)
200114	Χαλλούμι ALAMBRA Traditional 218 g Λάρνακα, Exp.date: 30-11-21 BN24C10062012	Detected	Detected	Positive Agreement (PA)
200115	Χαλλούμι ΛΑΝΙΤΗΣ -Γαλακτοκομικά Light - Κυπριακό τυρί 215g, Έγκωμη Λευκωσία, Exp.Date: 04/04/2021 2004F06	Detected	Detected	Positive Agreement (PA)
200116	Χωριάτικο Χαλλούμι "Χαραλαμπίδης Κρίστης» Πρόβειο ΠΙΣΣΟΥΡΚΩΤΙΚΟ 205g, Αγ.Αθανάσιος, Λεμεσός, Prod.date: 16.04.2020, Exp.Date: 15.01.2021 6D8E-8	Detected	Detected	Positive Agreement (PA)
200117	Χωριάτικο Χαλλούμι "Χαραλαμπίδης Κρίστης» ΠΙΣΣΟΥΡΚΩΤΙΚΟ από 100% Κυπριακό Αιγοπρόβειο Φρέσκο Γάλα, 245g, Αγ.Αθανάσιος, Λεμεσός, Prod.date: 02.07.2020, Exp.Date: 0104..2021 6G1E-3	Detected	Detected	Positive Agreement (PA)
Unit		per 25g	per 25g	-
Method		MF06 based on VIDAS BIOMERIEUX	BRaD LMO* (Bacteria Rapid Detection)	-

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Method statement:

Method comparison (ISO 11290-1:2017 AFNOR-validated method & EMBIO Biosensor BERA method) & Validation according to ISO 16140 Part 2 (Phase 1 – Dairy products: Milk & Halloumi cheese).

NOTES:

Samples 200108-117 were inoculated with the target strain (1mL of 10^4 cfu *Listeria monocytogenes*) and mixed thoroughly to ensure homogeneity. The inoculated foods were subjected to a sample stabilization/stress stage, through refrigeration at 2-8°C for 48h.

For the Chemical laboratory,



Aristos Loucaides, B.Eng.(Hons), MBA, AMIChemE,
Laboratory Director.



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