

Food Allergens  
Laboratory

## Food Allergens Laboratory

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Testing

No. of Certificate 489

## TEST REPORT

CLIENT DETAILS		Certificate No. : 1213-GR97768-19-02	
HERMES ST. DIMARAKIS SA ERMIONI ARGOLIDAS, 21051, ARGOLIDA,		Issue No. : 2	
		Date Received : 17/12/2019	
		Start of Analysis : 17/12/2019	
		End of Analysis :	
		Date of Report : 23/12/2019	
SAMPLE DETAILS		SAMPLING PROCESS DETAILS	
Code : 1213-GR97768-19	Order No : 92366	Sampled by : Πελάτης (Client)	
Category : Fats & Oils		Condition : Αποδεκτή (Acceptable)	
Description : EXTRA VIRGIN OLIVE OIL CODE: BIO-MENELAOS 2019-2020 ORGANIC AGRICULTURE		Packaging : Περιέκτης (container) >100g	
		Preservation : Ψυγείο (Refrigerator)	

## RESULTS

Parameters of Analysis	Result	Units	Detection Limit (DL)	Method	Remark
Benzo(a)anthracene	<DL	µg/Kg	1	Inhouse HPLC-FLD method (O1055A), based on the QuEChERS method	
Determination of Chrysene	<DL	µg/Kg	1	Inhouse HPLC-FLD method (O1055A), based on the QuEChERS method	
Determination of Benzo(b)fluoranthene	<DL	µg/Kg	1	Inhouse HPLC-FLD method (O1055A), based on the QuEChERS method	
Benzo(a)pyrene	<DL	µg/Kg	1	Inhouse HPLC-FLD method (O1055A), based on the QuEChERS method	
Determination of the Sum of benzo(a)pyrene,benz(a)anthracene,benzo(b)fluoranthene and chrysene	<DL	µg/Kg	1	Inhouse HPLC-FLD method (O1055A), based on the QuEChERS method	

### Lab Director

G. Siragakis, Chemist MSc

### Athens Laboratory Supervisor

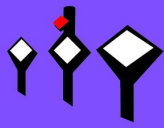
Dr Lampidonis Ant., Agronomist MSc, PhD

### Crete Laboratory Supervisor

Emm. Politis, Biologist MSc  
Results Supervisor

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CLIENT DETAILS
<b>ΕΡΜΗΣ ΣΤΥΛ. ΔΗΜΑΡΑΚΗΣ Α.Ε (HERMES ST. DIMARAKIS SA)</b> ΕΡΜΙΟΝΗ ΑΡΓΟΛΙΔΑΣ, 21051, ΑΡΓΟΛΙΔΑ, For the attention of: ΤΥΠΟΠΟΙΗΣΗ ΕΛΑΙΟΛΑΔΟΥ

Certificate No.	: 1213-GR97768-19-03
Issue No.	: 2
Date Received	: 17/12/2019
Start of Analysis	: 17/12/2019
End of Analysis	:
Date of Report	: 23/12/2019

SAMPLE DETAILS
Code : 1213-GR97768-19 Order No : 92366
Category : Fats & Oils
Description : EXTRA VIRGIN OLIVE OIL CODE: BIO-MENELAOS 2019-2020 ORGANIC AGRICULTURE

SAMPLING PROCESS DETAILS
Sampled by : Πελάτης (Client)
Condition : Αποδεκτή (Acceptable)
Packaging : Περιέκτης (container) >100g
Preservation : Ψυγείο (Refrigerator)

## RESULTS

Parameters of Analysis	Result	Units	Detection Limit (DL)	Method	Remark
<b>Phthalates</b>					
Diethylphthalate (DEP)	<DL	mg/Kg	0.1	O 1013A In house LC-MS/MS method	
Butylbenzylphthalate (BBP)	<DL	mg/Kg	0.1	LC-MS/MS O 1013A	
Dibutylphthalate (DBP)	<DL	mg/Kg	0.1	LC-MS/MS O 1013A	
Bis-2-ethylhexyl-phthalate (DEHP)	<b>0.119</b>	mg/Kg	0.1	LC-MS/MS O 1013A	
Di-isononyl phthalate (DINP)	<DL	mg/Kg	2	O 1013A In house LC-MS/MS method	
Diethyl Hexyl Phtalate (DHP)	<DL	mg/Kg	0.1	O 1013A In house LC-MS/MS method	

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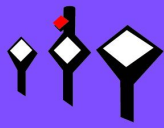
Dr Lampidonis Ant., Agronomist MSc, PhD

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Emm. Politis, Biologist MSc  
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CLIENT DETAILS		Certificate No. : 1213-GR97768-19-04	
<b>ΕΡΜΗΣ ΣΤΥΛ. ΔΗΜΑΡΑΚΗΣ Α.Ε (HERMES ST. DIMARAKIS SA)</b> ΕΡΜΙΟΝΗ ΑΡΓΟΛΙΔΑΣ, 21051, ΑΡΓΟΛΙΔΑ, <i>For the attention of: ΤΥΠΟΠΟΙΗΣΗ ΕΛΑΙΟΛΑΔΟΥ</i>		Issue No. : 2	
		Date Received : 17/12/2019	
		Start of Analysis : 17/12/2019	
		End of Analysis :	
		Date of Report : 23/12/2019	
SAMPLE DETAILS		SAMPLING PROCESS DETAILS	
Code : 1213-GR97768-19	Order No : 92366	Sampled by : Πελάτης (Client)	
Category : Fats & Oils		Condition : Αποδεκτή (Acceptable)	
Description : EXTRA VIRGIN OLIVE OIL CODE: BIO-MENELAOS 2019-2020 ORGANIC AGRICULTURE		Packaging : Περιέκτης (container) >100g	
		Preservation : Ψυγείο (Refrigerator)	

## RESULTS

Parameters of Analysis	Result	Units	Detection Limit (DL)	Method	Remark
<b>Residue Analysis of 325 substances for plant-protection products</b>					
Table 1	<LOD	mg/Kg		LC-MS/MS	
Table 2	<LOD	mg/Kg		GC-MS/MS	

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### Athens Laboratory Supervisor

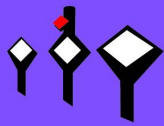
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**TABLE 1 (Πίνακας 1) Method:** LC-MS/MS, (Μέθοδος: LC-MS/MS) **LOD:** Limit of Detection (Όριο Ανίχνευσης) = 0,01mg/kg

**Compounds (Ουσίες):** abamectin, acephate, acetamiprid, acetochlor, alachlor, aldicarb total (aldicarb & aldicarb sulfoxide & aldicarb sulfone), allethrin, ametryn, \*amitraz, \*asulam, atrazine, azinphos ethyl, azoxystrobin, benalaxyl, \*benfuracarb, \*bensulfuron methyl, benzoximate, bifenox, bitertanol, boscalid, bromacil, bromophos ethyl, bromuconazole, bupirimate, buprofezin, caduzafos, carbaryl, carbendazim (&benomyl), carbofuran total (carbofuran & 3 -hydroxy carbofuran), \*carbosulfan, carboxin, chlorbromuron, chlorfenvinfos, chloridazone, chloroxuron, chlorpyrifos ethyl, chlorpyrifos methyl, \*chlorsulfuron, chlortoluron, clethodim, clodinafop propargyl, clofentezin, clothianidin, coumaphos, cyanazine, cyanofenphos, cymoxanil, cyproconazole, cyprodinil, demeton S methyl sulfone, \*diafenthiuron, diazinon, dichlofenthion, dichlorvos, dicrotophos, diethofencarb, difenoconazole, diflubenzuron, diflufenican, dimethoate, dimethomorph, dimoxystrobin, diniconazole, dinitramine, diphenamide, ditalimfos, diuron, dodemorph, emamectin-benzoate B1a, emamectin-benzoate B1b, epoxiconazole, etaconazole, ethion, ethirimol, ethoprophos, \*ethoxyquin, etofenprox, etoxazole, famoxadone, fenamidone, fenamiphos total (fenamiphos & fenamiphos sulfone & fenamiphos sulfoxide), fenarimol, fenazaquin, fenbuconazole, fenhexamide, fenoxycarb, fencpiclonil, fenpropidin, fenpropimorph, fenpyroximate, fensulfothion, fenthion, fenthion oxon, fenthion oxon sulfoxide fenthion sulfone, fenthion sulfoxide, florasulam, fluazifop -P-butyl, flufenacet, flufenoxuron, flumioxazine, fluometuron, fluopicolide, fluquinconazole, flurprimidol, flusilazole, flutolanil, flutriafol, fonofos, \*foramsulfuron, forchlorfenuron, \*formetanate, fosthiazate, furathiocarb, haloxyfop methyl ester, heptenophos, hexaconazole, hexythiazox, imazalil, imazamethabenz methyl, imibenconazole, imidacloprid, indoxacarb, iprovalicarb, isazophos, isophenphos methyl, isoprothiolane, isotroturon, kresoxyl methyl, linuron, lufenuron, malathion total (malathion & malaaxon), mecarbam, mepanipyrim, \*mesosulfuron methyl, metalaxyl M, metamitron, metazachlor, metconazole, methabenzthiazuron, methacryfos, methamidophos, methidathion, methiocarb total (methiocarb & methiocarb sulfone & methiocarb sulfoxide), methomyl, methoxyfenozide, metobromuron, metolachlor S, methoxuron, metribuzin, \*metsulfuron methyl, mevinphos cis, mevinphos trans, monocrotophos, monolinuron, myclobutanil, napropamid, \*nicosulfuron, nitenpyram, nuarimol, omethoate, oxadiazon, oxadixyl, oxamyl, paclobutrazol, paraoxon methyl, penconazole, pencycuron, pendimethalin, phenthoate, phosalone, phosmet, phosphamidon, phoxim, picolinafen, picoxystrobin, pinoxaden, piperonyl butoxide, pirimicarb, pirimicarb desmethyl, pirimiphos ethyl, pirimiphos methyl, \*primisulfuron methyl, prochloraz, profenofos, prometryn, propachlor, propargite, propazine, propamocarb, propetamphos, propham, propiconazole, propoxur, \*prothioconazole, prothiofos, pymetrozine, pyraclostrobin, pyrazophos, pyrethrins total (cinerin I & cinerin II & jasmolin I & jasmolin II & pyrethrin I & pyrethrin II), pyridaben, pyridafenthion, pyrifenox, pyrimethanil, pyriproxyfen, quinalphos, quinoxifen, \*rimsulfuron, sethoxydim, simazine, spinosad total (spinosyn A & spinosyn D), spiroadicofen, spiroxamine, tebuconazole, tebufenozide, tebufenpyrad, temephos, terbufos, terbufos sulfone, terbuthylazine, terbutryn, tetrachlorvinphos, tetraconazole, thiabentazole, thiachloprid, thiamethoxam, thiobencarb, thiodicarb, \*thiofensulfuron methyl, thiophanate methyl, tolclofos methyl, tralkoxydim, triadimefon, triadimenol, triasulfuron, triazophos, tricyclazole, trifloxystrobin, triflumizole, uniconazole, vamidothion, zoxamide.

\*Compounds with one asterisk are not included in our accreditation scope ( Οι ουσίες με ένα ασκερίσκο δε συμπεριλαμβάνονται στο πεδίο διαπίστευσης μας). Πακέτο LC-3, Έκδοση: 28-08-19.

**TABLE 2 (Πίνακας 2) Method:** GC-MS/MS, (Μέθοδος: GC-MS/MS) **LOD:** Limit of Detection (Όριο Ανίχνευσης) = 0.01 mg/kg

acrinathrin, aldrin, bifenthrin, \*bromopropylate, \*chlorfenapyr, \*chlorobenzilate, \*chlorpropham, \*chlorthal dimethyl (DCPA), \*chlozolate, cyfluthrin total, cyhalothrin lambda, cypermethrin total, DDD -op, DDD -pp, DDE -pp, DDT -op, DDT -pp, deltamethrin, diclofop methyl, dicloran, dicofol -pp, dicofol -op, dieldrin, \*diphenylamine, \*disulfoton, endosulfan total (endosulfan alpha, endosulfan beta & endosulfan sulfate), endrin, ethalfuralin, \*fenchlorphos, fenpropathrin, \*fenson, fenvalerate, fluchloralin, flucythrinate, fludioxonil, fluvalinate -tau, \*formothion, HCH-a, HCH-b, heptachlor, heptachlor epoxide-cis, hexachlorobenzene (HCB), isodrin, isopropalin, lindane, \*methoxychlor, parathion ethyl, pentachloroaniline, pentachlorobenzene, permethrin, \*phorate, \*procymidone, profluralin, \*propyzamide, quintozone, tecnazene, tefluthrin, tetradifon, tetrasul, trifluralin, vinclozolin.

\* Compounds with one asterisk are not included in our accreditation scope ( Οι ουσίες με ένα ασκερίσκο δεν συμπεριλαμβάνονται στο πεδίο διαπίστευσης μας). Πακέτο GCMSMS-2. Έκδοση: 28-08-19.

Η προσβαση στα όρια νομοθεσίας ( MRL ) γίνεται από τον ιστοχώρο της Ευρωπαϊκής Ένωσης (Pesticides EU-MRLs Database)

<http://ec.europa.eu/food/plant/pesticides/eu-pesticides-database/public/?event=homepage&language=EL>

Access to legislation limits (MRL) is from the website of the European Union (Pesticides EU-MRLs Database) <http://ec.europa.eu/food/plant/pesticides/eu-pesticides-database/public/?event=homepage&language=EN>

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