

ANALYSIS REPORT

26/1/2017

OLITECN ID: 77578

CUSTOMER: LAKUDIA HELLAS EIE

DATE OF RECEIPT: 23/1/2017

DATE OF ANALYSIS: 23/1/2017

DECLARED OIL TYPE: EXTRA VIRGIN OLIVE OIL

SAMPLING PROCEDURE: BY THE CUSTOMER

SAMPLE DATA: SAMPLE 1: LAKUDIA EVOO-BIO 01/2017 STATHAK.VELIES/ATSID.KONST.12.01.2017 ORGANIC
PRODUCTION P.G.I LAKONIA.SAMPLE No.2017/01

SAMPLE DESCRIPTION: 500ml OF SAMPLE IN A PLASTIC BOTTLE OF 500ml

ACIDITY %: 0,25 (max 0,8)

K270: 0,137 (0,22)

K232: 1,630 (max 2,50)

 ΔK : -0,005 (max 0,01)

PEROXIDE VALUE(meqO2/kg): 7,7 (max 20)

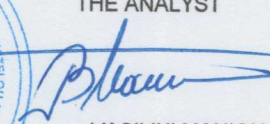
WAX (mg/Kg): 33 (max 150)

ETHYLESTERS (mg/Kg): 3,6 (max 35)

RESULTS: BASED ON THE DETERMINED PARAMETERS, THE PRESENT SAMPLE OF OLIVE OIL MEET THE SPECIFICATIONS OF EXTRA VIRGIN OLIVE OIL, ACCORDING TO EUROPEAN REGULATION 2568/91 AND FOLLOWING AMENDMENTS.



THE ANALYST


VASILIKI MANIOU
CHEMIST M.Sc.

METHODOLOGY: EUROPEAN UNION REG.
2568/91 AND FOLLOWING AMENDEMENTS
(UNLESS OTHERWISE STATED).

THE ANALYTICAL RESULTS HEREBY REPORTED ARE REFERRED ONLY TO THE ANALYZED SAMP
PARTIAL REPRODUCTION IS PROHIBITED WITHOUT LABORATORY'S AUTHORIZATION

OLITECN ID :	77578
CUSTOMER :	LAKUDIA HELLAS ΕΠΕ
DATE OF RECEIPT :	23/01/2017
DATE OF ANALYSIS :	25/01/2017
DECLARED OIL TYPE :	EXTRA VIRGIN OLIVE OIL
SAMPLE DATA :	SAMPLE 1: LAKUDIA EVOO-BIO 01/2017 STATHAK.VELIES/ATSID.KONST.12.01.2017 ORGANIC PRODUCTION P.G.I LAKONIA.SAMPLE No.2017/01
SAMPLE DESCRIPTION :	500ml OF SAMPLE IN A PLASTIC BOTTLE OF 500m
SAMPLING PROCEDURE :	BY THE CUSTOMER

ΠΟΛΥ – ΥΠΟΛΕΙΜΜΑΤΙΚΗ ΑΝΑΛΥΣΗ (GC-MS/MS)
MULTI – RESIDUE ANALYSIS (GC-MS/MS)

ΦΥΤΟΠΡΟΣΤΑΤΕΥΤΙΚΗ ΟΥΣΙΑ ("Compound")	ΑΠΟΤΕΛΕΣΜΑΤΑ ("Results") (mg / kg)	ΟΡΙΟ ΑΝΑΦΟΡΑΣ ("Reporting Limit") (mg / kg)
Acephate	< R.L.	0,01
Acetochlor	< R.L.	0,01
Aclonifen	< R.L.	0,01
Alachlor	< R.L.	0,01
Aldrin	< R.L.	0,01
Atrazine	< R.L.	0,01
Azaconazole* ¹	< R.L.	0,01
Azinphos ethyl	< R.L.	0,01
Azinphos methyl	< R.L.	0,01
Azoxystrobin	< R.L.	0,01
Benfluralin	< R.L.	0,01
Bifenox	< R.L.	0,01
Biphenyl	< R.L.	0,01
Bromacil* ¹	< R.L.	0,01
Bromocyclen	< R.L.	0,01
Bromophos ethyl	< R.L.	0,01
Bromophos methyl	< R.L.	0,01
Bromopropylate	< R.L.	0,01
Butralin	< R.L.	0,01
Captan	< R.L.	0,01
Carbaryl	< R.L.	0,01
Carbophenothion	< R.L.	0,01
Carfentrazonethyl	< R.L.	0,01
Chinomethionat	< R.L.	0,01
Chlordane	< R.L.	0,01
Chlorfenapyr	< R.L.	0,01
Chlorfenson	< R.L.	0,01
Chlorfenvinphos* ¹	< R.L.	0,01
Chlorobenzilate	< R.L.	0,01
Chloroneb	< R.L.	0,01
Chlorothalonil	< R.L.	0,01
Chlorpropham	< R.L.	0,01
Chlorpyrifos	< R.L.	0,01
Chlorpyrifos methyl	< R.L.	0,01
Chlorthal-dimethyl	< R.L.	0,01
Chlorthion	< R.L.	0,01
Chlozolate	< R.L.	0,01
Coumaphos	< R.L.	0,01
Cyanazine	< R.L.	0,01
Cyanofenphos	< R.L.	0,01
Cyanophos	< R.L.	0,01
Cyflufenamid	< R.L.	0,01
Cyhalothrin-lambda	< R.L.	0,01
o,p'-DDT	< R.L.	0,01
p,p'-DDT	< R.L.	0,01

ΦΥΤΟΠΡΟΣΤΑΤΕΥΤΙΚΗ ΟΥΣΙΑ (<i>"Compound"</i>)	ΑΠΟΤΕΛΕΣΜΑΤΑ (<i>"Results"</i>) (mg / kg)	ΟΡΙΟ ΑΝΑΦΟΡΑΣ (<i>"Reporting Limit"</i>) (mg / kg)
o,p'-DDE	< R.L.	0,01
p,p'-DDE	< R.L.	0,01
o,p'-DDD	< R.L.	0,01
p,p'-DDD	< R.L.	0,01
Diazinon ^{*1}	< R.L.	0,01
Dichlobenil	< R.L.	0,01
Dichlofenthion	< R.L.	0,01
Dichloran	< R.L.	0,01
Dichlorvos ^{*1}	< R.L.	0,01
Diclobutrazol	< R.L.	0,01
Diclofop methyl	< R.L.	0,01
Dicofol	< R.L.	0,01
Dieldrin	< R.L.	0,01
Diflufenican ^{*1}	< R.L.	0,01
Dimethoate	< R.L.	0,01
Dimoxystrobin ^{*1}	< R.L.	0,01
Diniconazole	< R.L.	0,01
Diphenamid	< R.L.	0,01
Disulfoton	< R.L.	0,01
Disulfoton-sulfone	< R.L.	0,01
Ditalimfos	< R.L.	0,01
Endosulfan alpha	< R.L.	0,01
Endosulfan beta	< R.L.	0,01
Endosulfan sulfate	< R.L.	0,01
Endrin	< R.L.	0,01
EPN ^{*1}	< R.L.	0,01
Etaconazole	< R.L.	0,01
Ethalfuralin	< R.L.	0,01
Ethion	< R.L.	0,01
Ethoprophos ^{*1}	< R.L.	0,01
Etridiazole	< R.L.	0,01
Etrimfos	< R.L.	0,01
Famophos	< R.L.	0,01
Fenarimol	< R.L.	0,01
Fenazaquin	< R.L.	0,01
Fenchlorphos	< R.L.	0,01
Fenhexamid	< R.L.	0,01
Fenitrothion	< R.L.	0,01
Fenobucarb	< R.L.	0,01
Fenpiclonil	< R.L.	0,01
Fenson	< R.L.	0,01
Fensulfothion ^{*1}	< R.L.	0,01
Fenthion	< R.L.	0,01
Fenthion-sulfoxide	< R.L.	0,01
Fipronil ^{*1}	< R.L.	0,01
Fluchloralin ^{*1}	< R.L.	0,01
Flufenacet	< R.L.	0,01
Flumetralin ^{*1}	< R.L.	0,01
Flumioxazin	< R.L.	0,01
Fluopicolide ^{*1}	< R.L.	0,01
Fluotrimazole	< R.L.	0,01
Folpet	< R.L.	0,01
Fonofos	< R.L.	0,01
Formothion	< R.L.	0,01
Haloxypop-p-methyl	< R.L.	0,01
HCH-alpha	< R.L.	0,01
HCH-beta	< R.L.	0,01
HCH-delta	< R.L.	0,01
HCH-gamma (Lindane)	< R.L.	0,01

ΦΥΤΟΠΡΟΣΤΑΤΕΥΤΙΚΗ ΟΥΣΙΑ (<i>"Compound"</i>)	ΑΠΟΤΕΛΕΣΜΑΤΑ (<i>"Results"</i>) (mg / kg)	ΟΡΙΟ ΑΝΑΦΟΡΑΣ (<i>"Reporting Limit"</i>) (mg / kg)
Heptachlor		0,01
Heptachlor-endo-epoxide	< R.L.	0,01
Heptachlor-exo-epoxide	< R.L.	0,01
Heptenophos ^{*1}	< R.L.	0,01
Hexachloro-benzene	< R.L.	0,01
Hexaconazole	< R.L.	0,01
Imibenconazole	< R.L.	0,01
Indoxacarb	< R.L.	0,01
Iprobenfos ^{*1}	< R.L.	0,01
Iprodione	< R.L.	0,01
Isazofos ^{*1}	< R.L.	0,01
Isofenphos	< R.L.	0,01
Isofenphos methyl ^{*1}	< R.L.	0,01
Isopropalin	< R.L.	0,01
Jodofenphos	< R.L.	0,01
Kresoxim – methyl	< R.L.	0,01
Leptophos	< R.L.	0,01
Malaoxon	< R.L.	0,01
Malathion ^{*1}	< R.L.	0,01
Mecarbam	< R.L.	0,01
Mefenpyr diethyl ^{*1}	< R.L.	0,01
Metazachlor ^{*1}	< R.L.	0,01
Methacrifos ^{*1}	< R.L.	0,01
Methamidophos	< R.L.	0,01
Methidathion ^{*1}	< R.L.	0,01
Methoxychlor	< R.L.	0,01
Metolachlor & Metolachlor S	< R.L.	0,01
Metribuzin ^{*1}	< R.L.	0,01
Mevinphos ^{*1}	< R.L.	0,01
Mirex	< R.L.	0,01
Molinate	< R.L.	0,01
Myclobutanil	< R.L.	0,01
Nitralin	< R.L.	0,01
Nitrofen	< R.L.	0,01
Nitrothal isopropyl	< R.L.	0,01
Nuarimol	< R.L.	0,01
Ofurace ^{*1}	< R.L.	0,01
Oxadiazon	< R.L.	0,01
Oxyfluorfen	< R.L.	0,01
Paclobutrazole	< R.L.	0,01
Parathion	< R.L.	0,01
Paraoxon ethyl	< R.L.	0,01
Parathion methyl ^{*1}	< R.L.	0,01
Paraoxon methyl	< R.L.	0,01
Pebulate	< R.L.	0,01
Penconazole	< R.L.	0,01
Pendimethalin	< R.L.	0,01
Pentachloraniline	< R.L.	0,01
Pentachloranisole	< R.L.	0,01
Perthane	< R.L.	0,01
Phenthoate ^{*1}	< R.L.	0,01
Phenylphenol-2	< R.L.	0,01
Phorate	< R.L.	0,01
Phosalone	< R.L.	0,01
Phosmet ^{*1}	< R.L.	0,01
Picolinafen	< R.L.	0,01
Pirimiphos ethyl	< R.L.	0,01

ΦΥΤΟΠΡΟΣΤΑΤΕΥΤΙΚΗ ΟΥΣΙΑ (<i>"Compound"</i>)	ΑΠΟΤΕΛΕΣΜΑΤΑ (<i>"Results"</i>) (mg / kg)	ΟΡΙΟ ΑΝΑΦΟΡΑΣ (<i>"Reporting Limit"</i>) (mg / kg)
Pirimiphos methyl	< R.L.	0,01
Procymidone	< R.L.	0,01
Profenophos	< R.L.	0,01
Profluralin* ¹	< R.L.	0,01
Propachlor* ¹	< R.L.	0,01
Propanil	< R.L.	0,01
Propetamfos* ¹	< R.L.	0,01
Propyzamide	< R.L.	0,01
Proquinazid	< R.L.	0,01
Prothioconazole	< R.L.	0,01
Prothiophos	< R.L.	0,01
Pyraflufen ethyl	< R.L.	0,01
Pyrazophos	< R.L.	0,01
Pyridafenthion	< R.L.	0,01
PyrifenoX	< R.L.	0,01
Quinalphos	< R.L.	0,01
Quinoxifen	< R.L.	0,01
Quintozene	< R.L.	0,01
Simazine	< R.L.	0,01
Spirodiclofen	< R.L.	0,01
Sulprofos	< R.L.	0,01
Tecnazene	< R.L.	0,01
Tefluthrin	< R.L.	0,01
Terbacil* ¹	< R.L.	0,01
Terbufos	< R.L.	0,01
Terbuthylazine	< R.L.	0,01
Tetrachlorvinphos	< R.L.	0,01
Tetradifon	< R.L.	0,01
Tetrasul	< R.L.	0,01
Thionazin	< R.L.	0,01
Tolclofos methyl	< R.L.	0,01
Tolyfluanid	< R.L.	0,01
Triadimefon	< R.L.	0,01
Triallate	< R.L.	0,01
Triazophos	< R.L.	0,01
Trichloronat	< R.L.	0,01
Trifloxystrobin* ¹	< R.L.	0,01
Triflumizole	< R.L.	0,01
Trifluralin	< R.L.	0,01
Uniconazole	< R.L.	0,01
Vamidothion	< R.L.	0,01
Vinclozolin	< R.L.	0,01
Zoxamide* ¹	< R.L.	0,01

ΠΟΛΥ – ΥΠΟΛΕΙΜΜΑΤΙΚΗ ΑΝΑΛΥΣΗ (GC-ECD)
MULTI – RESIDUE ANALYSIS (GC-ECD)

ΦΥΤΟΠΡΟΣΤΑΤΕΥΤΙΚΗ ΟΥΣΙΑ ("Compound")	ΑΠΟΤΕΛΕΣΜΑΤΑ ("Results") (mg / kg)	ΟΡΙΟ ΑΝΑΦΟΡΑΣ ("Reporting Limit") (mg / kg)
Acrinathrin	< R.L.	0,01
BHC	< R.L.	0,01
Bifenthrin	< R.L.	0,01
Butafenacil	< R.L.	0,01
Captafol	< R.L.	0,05
Carbophenothion methyl	< R.L.	0,01
Cyfluthrin	< R.L.	0,02
Cyfluthrin-beta	< R.L.	0,01
Cypermethrin	< R.L.	0,02
Cypermethrin-alpha	< R.L.	0,01
Cyphenothrin	< R.L.	0,01
Deltamethrin	< R.L.	0,01
Dichlofluanid	< R.L.	0,01
Dinocap	< R.L.	0,05
Esfenvalerate	< R.L.	0,01
Fenfluthrin	< R.L.	0,01
Fenpropathrin	< R.L.	0,01
Fenvalerate	< R.L.	0,01
Fluazinam	< R.L.	0,01
Flucythrinate	< R.L.	0,01
Fluthiacet methyl	< R.L.	0,05
Fluvalinate tau	< R.L.	0,01
Halfenprox	< R.L.	0,01
Isocarbofos	< R.L.	0,02
Isodrin	< R.L.	0,01
Isoxadifen ethyl	< R.L.	0,05
Meptyldinocap	< R.L.	0,05
Permethrin	< R.L.	0,05
Phenkapton	< R.L.	0,01
Pyrethrins	< R.L.	0,05
Pyridalyl	< R.L.	0,01
S421	< R.L.	0,01
Sulfentrazone	< R.L.	0,05
Tetramethrin	< R.L.	0,01
Transfluthrin	< R.L.	0,01

NOTE 1: Except the compounds in the above table, all the other pesticides were either not detected or were detected in concentration below the reporting limit ("R.L.") of the method.

NOTE 2: The compounds marked "<" are not included in the accreditation scope.

NOTE 3: The following tables show all the analyzed compounds and their Reporting Limit.

NOTE 4: In determination of compounds amitraz, chlorpropham, cycloxydim, disulfoton, diuron, ethofumesate, fenclorophos, fenthion, flonicamid, flufenacet, haloxyfop, mesotrione, phorate, phosmet, prochloraz, pyridat, tolyfluanid, triflumizole and vinclozolin, the entire set of metabolites is not included.

NOTE 5: The analytical results hereby reported are referred only to the analyzed sample.

NOTE 6: Partial reproduction is prohibited without laboratory's authorization.

NOTE 7: The above analysis was performed in an accredited partner laboratory.



Vasiliki Maniou
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Chemist M.Sc.