

TEST REPORT

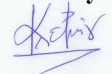
CLIENT DETAILS		Certificate No. : 3478-GR01047186-23-04	
ΛΟΥΚΑΣ Δ.ΖΟΥΡΝΗΣ ΑΓΙΑ ΤΡΙΑΔΑ, 32100, ΒΟΙΩΤΙΑ, For the attention of: ΑΓΡΟΤΗΣ		Issue No. : 3	Date Received : 27/07/2023
SAMPLE DETAILS Code : 3478-GR01047186-23 Order No : 161408 Category : Herbs Description : BIO OREGANO VARIETY: ORIGANUM BULGARE HARV:06/23		Start of Analysis :	End of Analysis :
		SAMPLING PROCESS DETAILS	
		Sampled by : Πελάτης (Client)	Condition : Αποδεκτή (Acceptable)
		Packaging : Περιέκτης (container) >100g	Preservation : Ψυγείο (Refrigerator)

RESULTS

Parameters of Analysis	Result	Units	DL	Method	Remark
Residue Analysis of 500 substances for plant-protection products					
Table 1	<LOD	mg/Kg		LC-MS/MS O 1008A	
Table 2	<LOD	mg/Kg		GC-MS/MS O 1008A	

Lab Director

 G. Siragakis, Chemist MSc

Athens Laboratory Supervisor

 Kostas Alexiou, Food Chemist

Technical Manager

 Dr. G. E. Miliadis, Chemist



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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
Πακέτο LC-3 Compounds (Ουσίες): abamectin, acephate, acetamidiprid, alachlor, aldicarb total (aldicarb sulfone), ametryn, atrazine, azoxystrobin, *benfuracarb, *bensulfuron methyl, boscalid, bromacil, bupirimate, carbaryl, carbendazim (& benomyl), *carbosulfan, carboxin, chlorbromuron, chloridazone, chloroxuron, *chlorsulfuron, chlortoluron, clodinafop propargyl, coumaphos, cyanazine, cyanofenphos, cyproconazole, cyprodinil, demeton S methyl sulfone, *diafenthionur, diazinon, dichlorvos, dicrotophos, difenoconazole, diflufenican, dimethoate, dimethomorph, diniconazole, diphenamide, ditalimfos, diuron, dodemorph, emamectin-benzoate B1a, emamectin-benzoate B1b, epoxiconazole, etaconazole, ethirimol, ethoprophos, etoxazole, fenamiphos total (fenamiphos & fenamiphos sulfone & fenamiphos sulfoxide), fenarimol, fenazaquin, fenhexamide, fenoxycarb, fempiclonil, fenpropidin, fenpropimorph, fenpyroximate, fensulfothion, fenthion oxon, fenthion oxon sulfoxide fenthion sulfone, fenthion sulfoxide, florasulam, fluazifop-P-butyl, flufenoxuron, fluometuron, fluopicolide, fluquinconazole, flurprimidol, flusilazole, flutolanil, flutriafol, *foramsulfuron, forchlorfenuron, *formetanate, haloxyfop methyl ester, heptenophos, hexaconazole, imazalil, imazamethabenz methyl, imibenconazole, isazophos, isoproturon, linuron, lufenuron, mepanipyrim, *mesosulfuron methyl, metalaxyl M, metamitron, metazachlor, metconazole, methabenzthiazuron, methamidophos, methidathion, methiocarb total (methiocarb & methiocarb sulfoxide), methoxyfenozide, metabromuron, metolachlor S, metoxuron, metribuzin, *metsulfuron methyl, mevinphos trans, monocrotophos, monolinuron, myclobutanil, napropamid, *nicosulfuron, nuarimol, omethoate, oxadixyl, paclobutrazol, paraoxon methyl, penconazole, pencycuron, phosmet, phosphamidon, phoxim, picolinafen, pinoxaden, piperonyl butoxide, pirimicarb, pirimicarb desmethyl, pirimiphos ethyl, pirimiphos methyl, prometryn, propachlor, propargite, propazine, propamocarb, propiconazole, pymetrozine, pyrazophos, pyrethrins total (jasmolin II & pyrethrin I & pyrethrin II), pyridaben, pyridafenthion, pyrifenoxy, pyrimethanil, pyriproxyfen, quinalphos, quinoxifen, *rimsulfuron, sethoxydim, simazine, spinosad total (spinosyn A & spinosyn D), spiroxamine, tebuconazole, tebufenozide, tebufenpyrad, temephos, terbufos sulfone, terbuthylazine, terbutryn, tetraconazole, thiabentazole, thiacloprid, thiamethoxam, *thiofensulfuron methyl, thiophanate methyl, tralkoxydim, triadimefon, triasulfuron, triazophos, tricyclazole, trifloxystrobin, uniconazole, vamidothion, zoxamide.

*Compounds with one asterisk are not included in our accreditation scope (Οι ουσίες με ένα ασκέρισκο δε συμπεριλαμβάνονται στο πεδίο διαπίστευσης μας). Έκδοση: 22-10-21.

Πακέτο LC-5, Compounds (Ουσίες): Ametoctradin, Aminocarb, Ancymidol, Aspon, Azaconazole, Beflubutamid, Benodanil, Benoxacor, Bensulide, Benthiavalicarb, Benzovindiflupyr, Benzoylprop ethyl, Bispyribac, Brodifacoum, Butafenacil, Buturon, Chlorfluazuron, Chlorotoluron, Climbazole, Clomazone, Crotoxyphos, Crufomate, Cyflumetofen, Demeton-S-methyl sulfoxide, Diclobutrazol, Diclosulam, Difenacoum, Dimefuron, Dimethachlor, Dimethenamid, Dimethirimol, Ethiofencarb-sulfone, Etiprole, Etobenzanid, Fenfuram, Fenpyrazamine, Fenuron, Flamprop-isopropyl, Fluazuron, Fluopyram, Fluoxastrobil, Fluridone, Flurprimidole, Flurtamone, Fluxapyroxad, Forchlorfenuron, Fuberidazole, Furmecycloxy, Griseofulvin, Hexazinone, Imazaquin, Indaziflam, Ipconazole, Isopyrazam, Isoxadifen-ethyl, Isoxathion, Lenacil, Mandipropamid, Mefenacet, Mepronil, Metaflumizone, Methoprotrotyne, Metosulam, Metrafenone, Monuron, Neburon, Norflurazon, Ofurace, Oxycarboxin, Paraoxon, Penflufen, Penoxsulam, Penthiopyrad, Pinoxaden, Piperophos, Promecarb, Prometon, Propaquizafop, Proquinazid, Prosulfocarb, Pyracarbolid, Pyridaphenthion, Pyriminobac methyl, Pyriofenone, Pyroxsulam, Sebuthylazine*, Sedaxane, Silthiofam, Simeconazole, Simetryn, Spinetoram, Tebutam, Terbumeton, Thidiazuron, Thifensulfuron-methyl*, Tolfenpyrad, Triazamate, Tribenuron-methyl*, Trifloxysulfuron sodium*, Triflurosulfuron-methyl*, Warfarin


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
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), cyfluthrin total, cyhalothrin lambda, cypermethrin total, DDD-op, DDD-pp, DDE-pp, DDT-op, DDT-pp, deltamethrin, diclofol methyl, dicofol-pp, dicofol-op, dieldrin, *diphenylamine, *disulfoton, endosulfan total (endosulfan alpha, endosulfan beta & endosulfan sulfate), endrin, ethalfluralin, *fenchlorphos, fenpropathrin, *fenson, fenvalerate, fluchloralinal, flucythrinate, 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 ασκέρισκο δεν συμπεριλαμβάνονται στο πεδίο διαπίστευσης μας). Πακέτο GCMSMS-2. Έκδοση: 28-05-20.

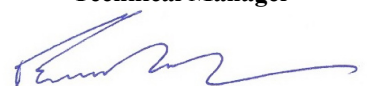
Η προσβαση στα όρια νομοθεσίας (MRL) γίνεται από τον ιστοχωρο της Ευρωπαϊκής Ένωσης (Pesticides EU-MRLs Database)

<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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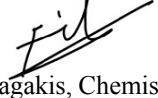
 Testing
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CLIENT DETAILS		Certificate No. : 3478-GR01047186-23-16	
ΛΟΥΚΑΣ Δ.ΖΟΥΡΝΗΣ ΑΓΙΑ ΤΡΙΑΔΑ, 32100, ΒΟΙΩΤΙΑ, For the attention of: ΑΓΡΟΤΗΣ		Issue No. : 3	Date Received : 27/07/2023
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		SAMPLING PROCESS DETAILS	
		Sampled by : Πελάτης (Client)	Condition : Αποδεκτή (Acceptable)
		Packaging : Περιέκτης (container) >100g	Preservation : Ψυγείο (Refrigerator)

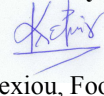
RESULTS

Parameters of Analysis	Result	Units	DL	Method	Remark
Sum of echimidine-NOx & heliosupine-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Sum of Echimidin & heliosupine	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Erucifoline	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Erucifoline-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Europine-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Europine	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Heliotrin-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	

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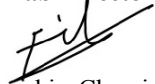

 Dr. G. E. Miliadis, Chemist


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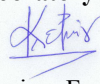
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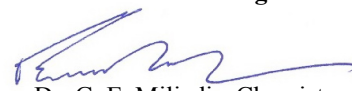
Heliotrin	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Jacobine	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Jacobine-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Lasiocarpine-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Lasiocarpin	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Monocrotalin-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Monocrotalin	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Riddellin	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Riddellin-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Sum of Retrorsin & usaramine	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Sum of Retrorsin-NOx & usaramine-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Sum of senecionine & senecivernine & integerrimine	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2

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Sum of Senecionin-NOx & senecivernine-NOx & integerrimine-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Sum of Seneciphyllin-NOx & spartioidine-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Sum of Seneciphyllin & spartioidine	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Senkirkin	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	
Trichodesmin	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Sum of Indicine & lycopsamine & intermedin & rinderine & echinatine	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Sum of Indicine-NOx & lycopsamine-NOx & intermedin-NOx & rinderine-NOx & echinatine-NOx	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	2
Sum Pyrrolizidinalkaloids	<DL	µg/Kg	5	Internal method O 1078A with LC-MS/MS, based on QuPPE method of the EU Reference Laboratories.	

2: out of the accreditation scope.

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