αναλυτικά εργαστήρια αθηνών α.ε
Εργαστηριακές Αναλύσεις, Μελέτες - Εφαρμογές

ɄȽɆȼ ɃɄɃȽȼ ȼȽȾɃ ȷ ʔȷ ȿɈɆȼ Ɇ

ȷ ȶ. Ʉɷů˂´ ɕɞǉ˂ɕɨ : **16-0847-001-0513-02**
ȼ ɛ/ɜǕ 1ɗǥ Ǒɶǘɕůɗǥ : **27/05/2016**
ȼ ɛ/ɜǕ Ά´ Ǖɜɏɶǘɕůɗǥ : **27/5/2016**
ȷ ȶ. Ǒɶǘɕůɗǥ : **2**

ɕɒɶɕɏǥ
ȷ ȶ. ɄɷůǕ 102

ȿǕɤǘ. ɖǗů. Ɇɕǘǖǥ 104 Άȷ ɗɕɜǕ 115 27
Ɉ´ ɕɶǕǗɤůǖɛǕ: Άɶ ɖǕɗɕɏɶɕǥ 127 Άʔ. ȶɤ ɜǕ 142 32
ȼɗɶ: +30 210 7470500-502 Άǖ Ǖɶ: +30 210 7470501 Άemail: waternet@ergastiria.gr Άwebsite: www.ergastiria.gr

ɆȼɃȶ Άȶ ɄΆȿȷ ȼȼ	: **ɕɒȼɀ ɃɆ ȿɃȾΆɕ ʔ, ɄȿȷȼΆȶ ɕɒȼɀȷ Άɉ ΆȶɃɈ, 35200, ȷ ȼȷ ȿȷ ʔȼȼ**			
Ɉ´ Ǖ ɗɜɕɗǥ ǘǕɒɛǕɕɶɗɣ ǖǥ	: ɄΆȿȷ ȼȼ Ɇ			
ȼ ɛ/ɜǕ ǘǕɒɛǕɕɶɗɣ ǖǥ	: 16/05/2016	ȼ ɛ/ɜǕ ɏɜǕ ɜɗǥ Ǖɜǖɕ ǘǕɤɜ	:	17/5/2016
ȼ ɛ/ɜǕ´ ǕȷǕɕǕɒɛɗ	: 17/05/2016	ȼ ɛ/ɜǕ´ Ǖ ɏǕɤ ɗɗǥ Ǖɜǖɕ ǘǕɤɜ	:	24/5/2016
Ⱦɤ ǘɕɶɗǥ ǘǕɒɛǕɕɗ	: **26200513**	ȾǕɗǖɤǘǖɗ´ Ǖȷ ǕɕǕɒɛɗ	:	Ⱦȷ ʔɃʔȶȼ
ȼǕɗǕɗǖǕ ǘǕɒɛǕɕɗ	: **ʔΆɅɃ ȷ ɄɃ ɕȶȼɈɃ ɈɕɅΆɈɆȼ Ɇ - ɖɖɃɆ**			

ɄǕȷ ɏɛǕȷ ɕɗ	ɀ ɏɗɕǘɕɗ	ɀ ɕɜɏǕǕ	ȳ ȶɕ ȷ ɜɕɕǕǥɗɗǥ	ɄǕȷ ǕɛǕȷ ɕɕ ȼɕɛ	ȷ´ ɕǕɏɶǕɛǕ
Ɇɕɜɶɜǖ ɤ ǘɗ ɗɜǕɤ ɜ ɕǕɶ ɕɕɗɜɕɗ (pH) - 25ΆC	ISO 10523:2008	pH units	-	6.5 - 9.5	7.5
ȼ ɶǕǖ ɕɕ ȷ ɗɤ ɗɕ ɗǕǕǕǕ - 25ΆC	ISO 7888:1985	ɛS/cm	10	< 2500	803
Ǖɕɶɗǖǖ	ISO 7027:1999	FNU	0.02	-	0.36
ɉ ȷ ɩ ɛǕ	ΆȿɃȼ Άʔ ISO 7887	mg/l Pt	1.5	-	<5
Ƀǘɛɕ	Ƀȷ ɗǕɕɕɶ´ Ǖɕɏ (*)		-	-	ȷ´ ɕǘǕɶǕ
ǖǕ ǘɗ	Ƀȷ ɗǕɕɕɶ´ Ǖɕɏ (*)		-	-	ȷ´ ɕǘǕɶǕ
ɃɜǕǕɤ ǘɕɗǖǖ (KMnO4)	ΆȿɃȼ Άʔ ISO 8467	mg/l O2	0.16	< 5.0	<0.5
ȷ ȶ ɗɕɕ (Al)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.20	< 200.0	< 1.25
ȷ ɜǕɕɗɜɕ (Sb)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.002	< 5.0	0.028
ȷ ȶ ǘǕɕɕɗ (As)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.003	< 10.0	1.1
ɖɗȷ ɕ (B)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.15	< 1000.0	29
Ⱦɏǘɛɕ (Cd)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.001	< 5.0	< 0.035
ɉ ȷ ɩ ɛɕ (Cr)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.01	< 50.0	7.9
ɉ Ǖɕɶɗǥ (Cu)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.03	< 2000.0	< 0.5
Ɇǖɗȷ ɕɗ (Fe)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.06	< 200.0	10
ɀ ɗɶɗǘǕɕɗ (Pb)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.005	< 10.0	0.063
ɀ Ǖɕɗɏɜɕ (Mn)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.005	< 50.0	0.074
Ɉ ǘȷ ɏȷ ɗȷ ɕɗ (Hg)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.01	< 1.0	ɕǘɕ ȷ ɜɕɕǕ ɗɗɶǕ
ʔ ɕɏɶɕ (Ni)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.01	< 20.0	8.8
Ɇǘɛɜɕ (Se)	ɃΆ 072-93 (ICP-MS)	ɛg/l	0.035	< 10.0	0.41
ʔ ɏǕ ɕ (Na)	ɃΆ 072-93 (ICP-MS)	mg/l	0.0015	< 200.0	19
ɖȷ ɤ ɛɕɏ (BrO3)	ɃΆ 072-85 (LC-MS/MS)	ɛg/l	0.06	< 10.0	ɕǘɕ ȷ ɜɕɕǕ ɗɗɶǕ
ȾɗǕɕɕɨ ɕǕ (CN)	ɃΆ 072-69 (UV)	ɛg/l	3	< 50.0	ɕǘɕ ȷ ɜɕɕǕ ɗɗɶǕ
ɉ ɶɤ ȷ ɕɨ ɕǕ (Cl)	ISO 9297:1989	mg/l	1	< 250.0	54.2
ǖ ɗɕȷ ɕɨ ɕǕ (F)	ɃΆ 072-75 (UV)	mg/l	0.06	< 1.5	0.36
ʔ ɕǕ ɕɏ (NO3)	ɃΆ 072-92 (UV)	mg/l	0.7	< 50.0	26.8
ʔ ɕǕ ɩ ǘɗ (NO2)	ISO 6777:1984	mg/l	0.01	< 0.5	ɕǘɕ ȷ ɜɕɕǕ ɗɗɶǕ
ȷ ɛɛɩ ɜɕ (NH4)	ISO 7150-1:1984	mg/l	0.01	< 0.5	ɕǘɕ ȷ ɜɕɕǕ ɗɗɶǕ
ǕǘɕɏɏɕɏΊ (SO4)	ɃΆ 072-72 (UV)	mg/l	1.5	< 250	15
Ƀɶɕɗǥ Ƀȷ ɗǕɕɶɗǥ ǒɜɗȷ ǕɶǕǥ (TOC)	APHA 5310 B	mg/l C	0.05	-	0.55
1,2 ɕɕɶɤ ȷ ɕǕɕɏɜɕ (EDC)	ɃΆ 072-88 (GC-MS)	ɛg/l	0.05	< 3.0	ɕǘɕ ȷ ɜɕɕǕ ɗɗɶǕ

Ƀ Ɉ´ ǘ ɗɜɕɗ
ɉ ɗɛɕɕɨ ȶ ɗǕǘǕǕȷ ɕɗ

ɄǕɨ ɕɗ ʔ ɗǘɕǕɜɏɶɗǥ
DVM, ɉ ɗɛɕɶɗǥ MSc

ȼɕ´ Ǖȷ ɗɜ´ ɷǘ´ ɕɞǉ˂ɶɗ ǖɏȷ ǕɗɶǕɕ ɕɕɕɕ ǥ´ ɕɗȷ ǕǕɛ ɶǕɛǘǕ ɛ´ ɕȷ ǘɕǕ ǕǕ´ Ǖȷ Ǖɕɗǘɕɏȷ ɗǥǕɗȷ ɜǕ´ Ǖɛ ɏɜɗȷ ɷɗ Ǖɕ Ǘ ɗǘǖǗȷ ɕɛ, ´ Ǖȷ Ɏ ɛɗɜɕ ǘǕ´ ɶɕȷ ɗ ɛɕȷ ǖɛ.
ȼɕ´ Ǖȷ ɗɜ´ ɷǘ´ ɕɞǉ˂ɶɗ ǕɜǕɕǕɗɶǘǕɤ ɗɶǕǖ ǖɕ´ ȷ ɕɗɕɕɨ ɛǘǕǖ ǕɕǕǗǘǕɕ ɛǘǕɜ ɕɕ ȷ ȶ. Ʉɷů˂´ ɕɞǉ˂ɕɨ .
ȼǕǕ ɕǕɕɏǘɛǕǕǕ Ǖɤ ɜ ǕɜǕɨ ǘǕɤ ɜ ǕɜǕǖɏȷ ɕɜǕɕɕɗɜɕ ǘǕǕ ǘǕɒɛǕǕǕ´ ɕɕ ǕɕǕɶɗɗɶǕɜ. Ƀɕɕɗɕɕɏɕǥ ɶǕɕɕɶɕɶɕɕɏɕǥ ǘɕɶɕɏǥ´ ȷ ǕɒɛǕǕ´ ɕɕɨ ɜǕǕɶǘǕɜ ɏǘȷ Ǖ ǕɕǕ ɕ´ ɕɶǕǕǕǘǕɛǕǕɕǥ.
* ɕɕɶɕɛ ǕɕǗɗ´ ǘǕɕ ǘɕǕ ɷǕǕɗǘɗɗ.

αναλυτικά εργαστήρια αθηνών α.ε
Εργαστηριακές Αναλύσεις, Μελέτες - Εφαρμογές

ΠΙΣΤΟΠΟΙΗΤΙΚΟ ΑΝΑΛΥΣΗΣ

Αρ. Πιστοποιητικού : **16-0847-001-0513-02**
Ημερομηνία Παραλαβής : **27/05/2016**
Ημερομηνία Έκδοσης : **27/5/2016**
Αρ. Σελίδων : **2**

ilac-MRA ESYD
Αρ. Πιστ. 102

[illegible] 104 [illegible] 115 27
[illegible] 127 [illegible] 142 32
Τηλ: +30 210 7470500-502 Fax: +30 210 7470501 email: waternet@ergastiria.gr website: www.ergastiria.gr

Παράμετρος	Μέθοδος	Μονάδα	Όριο Ποσοτικοποίησης	Παραμετρική Τιμή	Αποτέλεσμα
Βινυλοχλωρίδιο (CH2CHCl)	ΕΜ 072-88 (GC-MS)	μg/l	0.04	< 0.50	[illegible]
Ολικά Τριαλογονομεθάνια (THM's)	ΕΜ 072-88 (GC-MS)	μg/l	0.04	< 100.0	[illegible]
Χλωροφόρμιο (CHCl3)	ΕΜ 072-88 (GC-MS)	μg/l	0.04	-	[illegible]
Βρωμοφόρμιο (CHBr3)	ΕΜ 072-88 (GC-MS)	μg/l	0.05	-	[illegible]
Βρωμοδιχλωρομεθάνιο (CHBrCl2)	ΕΜ 072-88 (GC-MS)	μg/l	0.04	-	[illegible]
Διβρωμοχλωρομεθάνιο (CHBr2Cl)	ΕΜ 072-88 (GC-MS)	μg/l	0.05	-	[illegible]
Τρι & Τετρα-χλωροαιθυλένιο	ΕΜ 072-88 (GC-MS)	μg/l	0.03	< 10.0	[illegible]
Τριχλωροαιθυλένιο (TCE)	ΕΜ 072-88 (GC-MS)	μg/l	0.05	-	[illegible]
Τετραχλωροαιθυλένιο (PCE)	ΕΜ 072-88 (GC-MS)	μg/l	0.03	-	[illegible]
Βενζο(α)πυρένιο	ΕΜ 072-80 (GC-MS/MS)	μg/l	0.0025	< 0.01	[illegible]
Πολυκυκλικοί αρωματικοί Υδρογονάνθρακες (PAH)	ΕΜ 072-80 (GC-MS/MS)	μg/l	0.0025	< 0.1	[illegible]
Βενζο(b)φθορανθένιο	ΕΜ 072-80 (GC-MS/MS)	μg/l	0.0025	-	[illegible]
Βενζο(k)φθορανθένιο	ΕΜ 072-80 (GC-MS/MS)	μg/l	0.0025	-	[illegible]
Βενζο(g,h,i)περυλένιο	ΕΜ 072-80 (GC-MS/MS)	μg/l	0.0025	-	[illegible]
Ινδενο(1,2,3-c,d)πυρένιο	ΕΜ 072-80 (GC-MS/MS)	μg/l	0.0025	-	[illegible]
Βενζόλιο	ΕΜ 072-88 (GC-MS)	μg/l	0.03	< 1.0	[illegible]
Ακρυλαμίδιο (C3H5NO)	ΕΜ 072-86 (LC-MS/MS)	μg/l	0.06	< 0.10	[illegible]
Επιχλωρυδρίνη (C3H5ClO)	ΕΜ 072-87 (GC-MS)	μg/l	0.07	< 0.10	[illegible]
Επί μέρους Παρασιτοκτόνα	ΕΜ 072-79 (GC-MS/MS)	μg/l	0.006-0.02	< 0.50	[illegible]

[illegible]
[illegible]

[illegible]
DVM, [illegible] MSc

[illegible]
[illegible]
[illegible]
* [illegible]

[illegible] 104 [illegible] 115 27
[illegible] 127 [illegible] 142 32
[illegible]: +30 210 7470500-502 [illegible]: +30 210 7470501 email: waternet@ergastiria.gr website: www.ergastiria.gr

[illegible]

1. [illegible]

2. [illegible] 26200513 [illegible] 2/2600/2001 ([illegible] 892/[illegible]/11-07-2001), [illegible]

3. [illegible]:
Acetochlor, Acrinathrin ([illegible]), Aldrin, Atrazine, Azinphos Ethyl, Azinphos Methyl, Benalaxyl, Benfluralin, Bifenox, Bifenthrin, Biphenyl, Bitertanol, Bromocyclen, Bromophos Ethyl, Bromophos Methyl, Bromopropylate, Bromuconazole ([illegible]), Buprofezin, Butafenacil, Cadusafos, Captafol, Captan, Carbaryl, Carbophenothion, Carbosulfan, Chlordane alpha (cis), Chlordane gamma (trans), Chlorfenapyr, Chlorfenson, Chlorfenviphos ([illegible]), Chlorobenzilate, Chloropropylate, Chlorothalonil, Chlorpyriphos Ethyl, Chlorpyriphos Methyl, Chlorthal dimethyl/DCPA, Chlorthion Methyl, Clodinafop-propargyl, Cloquintocet mexyl, Coumaphos, Cyfluthrin ([illegible]), Cyhalothrin lambda, Cypermethrin ([illegible]), Cyproconazo, Cyprodinil, DDD-o, DDD-p, DDE-o, DDE-o, DDE-p, DDT-o, DDT-p, Deltamethrin, Diazinon, Dichlobenil, Dichlofenthion, Dichlofluanid, Dichloran, Dichlorvos(#), Diclobutrazol, Dicofol, Dieldrin, Difenoconazole ([illegible]), Diflufenican, Dimethenamid, Dimethoate, Diniconazol, Diphenamid, Endosulfan alpha, Endosulfan beta, Endosulfan lactone, Endosulfan sulfate, Endrin, Epoxiconazole, Esfenvalerate, Etaconazol ([illegible]), Ethalfluralin, Ethion, Ethoprophos, Etridiazol, Etrimfos, Famphur, Fenamiphos, Fenarimol, Fenazaquin, Fenbuconazol, Fenchlorphos, Fenitrothion, Fenoxycarb, Fenproparthrin, Fenpropidin, Fenpropimorph, Fenson, Fenvalerate ([illegible]), Fluazifop-P-butyl, Fluchloralin, Flucythrinate ([illegible]), Fludioxonil, Flufenoxuron, Fluquinconazole, Flusilazole, Fluvalinate-tau ([illegible]), Folpet, Furalaxyl(#), HCH alpha, HCH beta, HCH delta, HCH gamma, Heptachlor, Heptachlor Epoxide A, Heptachlor Epoxide B, Hexachlorobenzene, Hexaconazole, Iodofenphos, Iprobenphos, Iprodione, Isazophos, Isodrin, Isofenphos, Isofenphos Methyl, Leptophos, Malathion, Mepronil, Metazachlor, Methacrifos, Methidathion, Methoxychlor ([illegible]), Metolachlor, Metribuzin(#), Mirex, Myclobutanil, Nitrapyrin, Nitrofen, Nitrothal isopropyl, Nuarimol, o-phenylphenol, Oxadiazon, Oxyfluorfen, Paclobutrazol, Parathion Ethyl, Parathion Methyl, Penconazole, Pendimethalin, Pentachloroanisole, Permethrin ([illegible]), Perthan, Phenothrin ([illegible]), Phenthoate, Phorate(#), Phosalone, Phosmet, Picolinafen, Piperonyl butoxide (PBO), Pirimiphos Ethyl, Pirimiphos Methyl, Procymidone, Profenofos, Prometryn, Propargite, Propazine, Propham, Propyzamide, Prothiofos, Pyrazophos, Pyridaben, Pyrimethanil, Pyriproxyfen, Quinalphos, Quinoxyfen, Quintozene, Resmethrin ([illegible]), S421, Simazine, Spirodiclofen, Tebuconazole, Tecnazene, Tefluthrin, Terbuthylazine, Tetrachlorvinphos, Tetraconazole, Tetradifon, Tetramethrin ([illegible]), Tetrasul, Thiobencarb, Tolclofos Methyl, Tolylfluanid, Transfluthrin, Triadimefon, Triazophos, Trichloronate, Trifluralin, Triticonazole, Uniconazole, Vinclozolin.

[illegible], LOD: 0.006-0.022 [illegible]g/l & LOQ: 0.022-0.068 [illegible]g/l.
(#) [illegible]

[illegible]
[illegible]

[illegible]
DVM, [illegible] MSc

[illegible]
[illegible]
[illegible]
* [illegible]