αναλυτικά εργαστήρια αθηνών α.ε

Εργαστηριακές Αναλύσεις, Μελέτες - Εφαρμογές

[illegible]

[illegible] : **16-0468-003-0305-01**

[illegible] : **4/4/2016**

[illegible] : **1**

ilac-MRA ESYD [illegible] 102

[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]	: **[illegible] 18, 34400, [illegible]**			
[illegible]	: [illegible]			
[illegible]	: 22/03/2016	[illegible]	:	22/3/2016
[illegible]	: 22/03/2016	[illegible]	:	25/3/2016
[illegible]	: **26120305**	[illegible]	:	[illegible]
[illegible]	: **[illegible] "[illegible]" - [illegible]**			

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] 22°C	ISO 6222:1999	cfu/ml	[illegible]	10
[illegible] 37°C	ISO 6222:1999	cfu/ml	[illegible]	14
[illegible]	ISO 9308-1:2014	cfu/100ml	0	0
Escherichia coli	ISO 9308-1:2014	cfu/100ml	0	0
Intestinal Enterococci	ISO 7899-2:2000	cfu/100ml	0	0

[illegible]

1. [illegible]

2. [illegible] 26120305 [illegible] 2/2600/2001 ([illegible] 892/[illegible]11-07-2001), [illegible]

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

[illegible]

[illegible]

[illegible]

DVM, [illegible] MSc

[illegible]

[illegible]

[illegible]

* [illegible]

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

ƟŁĘ₡ƁƟƁŁ₡ ₡ŁƬƁ ȷ ?ȷ ʂJĘ₡Ę

ȷ ɟ. Ɵǻůǘ´ ɕǝɖǘǝǝi : **16-0468-003-0305-02**
₡ɛ/ɜǓ Ǒǝǔǚůɖɠ : **4/4/2016**

ȷ ɟ. Ǒǝǔǚůɖɠ : **1**

ɕɒǝɕɣɠ
ȷ ɟ. ƟǻůǓ 102

ʂǕɾǘ. ɖǓů. Ęɞǘǖɠ 104 Ål ɗɐɜǓ 115 27
J´ ɕǝǓǕɾůǔɖɛǓ: Ǻǝ ɗǕǚɞǝɣǝɞ 127 Å?. ɫɾɜǓ 142 32
₡ɖǝ: +30 210 7470500-502 Åū Ǔǝ: +30 210 7470501 Åemail: waternet@ergastiria.gr Åwebsite: www.ergastiria.gr

Ę₡ƁȽ Ǻɫ ƟǺʂȷ ₡₡	:	ɕɒ₡ʐ ƁĘ ɕɒɫ/\ū Jɋ? ʐ ǺĘĘȷ Ɵɫɋ?, ȷ ɗɟ ?₡ɋ? 18, 34400, ʠȷ ɉ?ȷ ǺJɗƁɫ Ę			
J´ Ǖ ɖɠɜɕɠ ǔǕǝɛǓǘǝɖɣ ɖǘɠ	:	ƟǺʂȷ ₡₡ Ę			
₡ɛ/ɜǓ ǔǕǝɛǓǘǝɖɣ ɖǘɠ	:	22/03/2016	₡ɛ/ɜǓ ɣɜǓɟ ɜɖɠ ǓɜǓǝi ůǕɾɜ	:	22/3/2016
₡ɛ/ɜǓ´ Ǔɟ ǓǝǓɒɛɠ	:	22/03/2016	₡ɛ/ɜǓ´ Ǖ ɎǗɾ ůɖɠ ǓɜǓǝi ůǕɾɜ	:	29/3/2016
Ƭɤ ǔɕɒɠ ǔǕǝɛǓǘɕɠ	:	**26120305**	ƬǓǕɾůǕǕɖ´ Ǔɟ ǓǝǓɒɛɠ	:	Ƭȷ ?Ɓ?Ł₡
₡Ǔɠǔɦɖǘǚ ǔǕǝɛǓǘɕɠ	:	**?Ǻ/\Ɓȷ ƟƁ ƬƁŁ?Ɓ₡ŁƬ₡ ɗ/\J Ę₡ȷ ƟǺ?ȷ ?₡Łȷ ƟƁ Ƭȷ ū Ǻ?ǺɫƁ "Ƭȷ /\ȷ ū ɋ₡ɫ Ę" - ɕɒɕɒ ?Ǻ/\Ɓ₡/\ɫɗɫ Ę**			

ƟǓɟ Ɏɛ Ǖǔɟ ɕɠ	ʐ ɣɗɕǘɕɠ	ʐ ɕɜɎǔǓ	ȳ ɟ ɞ ȷ ɜɕɜǓɠůɖɠ	ƟǓɟ Ǔɛ Ǖǔɟ ɞɐ ₡ɛɞɛ	ȷ ´ ɕǗɣǝǕǘɛǓ
Ęɠɜǝɣɜǔ ɤ ůɖ ɧɜǕɾɜ ɠǘɟ ɕɒɦɜɕɠ (pH) - 25ÅC	ISO 10523:2008	pH units	-	6.5 - 9.5	7.7
₡ǝǕǝǔ ɞɐ ȷ ɔɤ ɔɞ ɦǘɖǚ - 25ÅC	ISO 7888:1985	ɛS/cm	10	< 2500	497
ǓɕǝɦǘɖǓ	ISO 7027:1999	FNU	0.02	-	0.22
ɉ ɟ ι ɛǓ	ǺʂƁ₡ Ǻ? ISO 7887	mg/l Pt	1.5	-	<5
Ɓůɛɐ	Ɓɟ ɔǓɞɕǝɖ´ ǘɞɎ (*)		-	-	ȷ ´ ɕǘǕǝǘɐ
ǔǕ ůɖ	Ɓɟ ɔǓɞɕǝɖ´ ǘɞɎ (*)		-	-	ȷ ´ ɕǘǕǝǘɐ
ƁɜǕǚɾ ůɞ ɦǘɖǚ (KMnO4)	ǺʂƁ₡ Ǻ? ISO 8467	mg/l O2	0.16	< 5.0	<0.5
ȷ ɟ ɔɕɞ (Al)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.20	< 200.0	< 1.25
ȷ ɜǓɕ ɦɜɞ (Sb)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.002	< 5.0	< 0.02
ȷ ɟ ůǕǘɞɦ (As)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.003	< 10.0	0.11
ɗɦɟ ɞ (B)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.15	< 1000.0	14
ƬɎǘɛɞ (Cd)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.001	< 5.0	< 0.035
ɉ ɟ ι ɛɞ (Cr)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.01	< 50.0	0.69
ɉ Ǔǝɦɠ (Cu)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.03	< 2000.0	0.51
Ęǖɖɟ ɕɠ (Fe)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.06	< 200.0	9.7
ʐ ɦǝɠǔǘɕɠ (Pb)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.005	< 10.0	0.22
ʐ ǓɔɎɜɞ (Mn)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.005	< 50.0	0.24
Jǔɟ Ɏɟ ɔɠɟ ɕɠ (Hg)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.01	< 1.0	ɕɒǕǚ ȷ ɜɞɜǓ ɖɖǝǓ
?ɞɣǝɞ (Ni)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.01	< 20.0	0.48
ĘǓǕɐɜɞ (Se)	ƁǺ 072-93 (ICP-MS)	ɛg/l	0.035	< 10.0	< 0.25
?ɎǗ ɞ (Na)	ƁǺ 072-93 (ICP-MS)	mg/l	0.0015	< 200.0	11
ɗɟ ɤɛɞɎ (BrO3)	ƁǺ 072-85 (LC-MS/MS)	ɛg/l	0.06	< 10.0	ɕɒǕǚ ȷ ɜɞɜǓ ɖɖǝǓ
Ƭɠ Ǔɜɞi ɕǓ (CN)	ƁǺ 072-69 (UV)	ɛg/l	3	< 50.0	ɕɒǕǚ ȷ ɜɞɜǓ ɖɖǝǓ
ɉ ǝɤ ȷ ɞi ɕǓ (Cl)	ISO 9297:1989	mg/l	1	< 250.0	20.2
ɉ ǝ ȷ ɞ (J´ ɕǝǕɕɛǓǕɕɦ)	ƁǺ Ɓ72-70 (UV)	mg/l	0.015	-	0.14
ū ɗɕɟ ɞi ɕǓ (F)	ƁǺ 072-75 (UV)	mg/l	0.06	< 1.5	ɕɒǕǚ ȷ ɜɞɜǓ ɖɖǝǓ
?ɞǗ ɞɎ (NO3)	ƁǺ 072-92 (UV)	mg/l	0.7	< 50.0	4.3
?ɞǗ ι ǘɖ (NO2)	ISO 6777:1984	mg/l	0.01	< 0.5	ɕɒǕǚ ȷ ɜɞɜǓ ɖɖǝǓ
ȷ ɛɛι ɜɞ (NH4)	ISO 7150-1:1984	mg/l	0.01	< 0.5	ɕɒǕǚ ȷ ɜɞɜǓ ɖɖǝǓ
ǓǕɕɞɎ (SO4)	ƁǺ 072-72 (UV)	mg/l	1.5	< 250	11
Ɓǝɞɦɠ Ɓɟ ɔǓǚɞɦɠ ȯɜɗɟ ǓǝǓɠ (TOC)	APHA 5310 B	mg/l C	0.05	-	0.48

Ɓ J´ Ǖ ɖɠɜɕɠ
ɉ ɖɛɞɕi Ǻɟ ɔǓǕǓǘɟ ɕɠ

ƟǓi ǝɕɠ ?ɖůǝǓɜɎǝɖɠ
DVM, ɉ ɖɛɞɦɠ MSc

ɕɒ´ Ǔɟ ɦɜ´ ǻǘǝ´ ɕǝɖǘǝɦ ǘɣɟ ǔǝɖǝǕǘ ɕɜɞɐ ɠ´ ɕɔɟ ǓǘɐǝǓǔǘǕ ɛ´ ɕɟ ǘɜǓǓɜǓ Ǔɟ Ǔɕɖɕǘɕɤɟ ɕɠ ǘǘ ɔɟ Ǔ´ ǘɐ ɣɔǝɟ ǻǘɖ ǘɕɠ Ǖ ɔǓǕǘǘ ɟ ɕɕɠ, ´ Ǔɟ Ɏ ɛɦɜɕ ůǓ´ ǝɟ ɖ ɛɕɟ ǘɐ.
₡ǓǓ ɕǗɣǝǕɛǓǓ ǓɾɜǓǝi ůǕɾɜ ǓǓǔɟ ɕɜǓǘɛɦɜɕ ůǓǓ ǔǕǝɛǓǓǓ ´ ɕɠ ǓǕǓɾůɖɖǝǓ. Ɓɕɕɖɛɞɣɠ ǝǓɕɕɕɞɕɞǝɕɔɞɣɠ ǘɕǝɕɣɠ´ ȷ ǓɔɛǓǘ´ ɕɞi ɜǓǓǝǓǚɖɜ ɣǘɟ Ǔ ǘɕɠ ɠ´ ɕǝǓǓǓůǘɛǓǘɕɠ.
* ɕɒǝɕɐ ǓɦɠɠǓɕɠ ǘǝǓ ǻǘǓɖɠ.

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1,2 [illegible] (EDC)	[illegible] 072-88 (GC-MS)	εg/l	0.05	< 3.0	[illegible]
[illegible] (CH2CHCl)	[illegible] 072-88 (GC-MS)	εg/l	0.04	< 0.50	[illegible]
[illegible] (THM's)	[illegible] 072-88 (GC-MS)	εg/l	0.04	< 100.0	0.68
[illegible] (CHCl3)	[illegible] 072-88 (GC-MS)	εg/l	0.04	-	[illegible]
[illegible] (CHBr3)	[illegible] 072-88 (GC-MS)	εg/l	0.05	-	0.52
[illegible] (CHBrCl2)	[illegible] 072-88 (GC-MS)	εg/l	0.04	-	[illegible]
[illegible] (CHBr2Cl)	[illegible] 072-88 (GC-MS)	εg/l	0.05	-	0.16
[illegible] & [illegible]	[illegible] 072-88 (GC-MS)	εg/l	0.03	< 10.0	[illegible]
[illegible] (TCE)	[illegible] 072-88 (GC-MS)	εg/l	0.05	-	[illegible]
[illegible] (PCE)	[illegible] 072-88 (GC-MS)	εg/l	0.03	-	[illegible]
[illegible]	[illegible] 072-80 (GC-MS/MS)	εg/l	0.0025	< 0.01	[illegible]
[illegible] (PAH)	[illegible] 072-80 (GC-MS/MS)	εg/l	0.0025	< 0.1	[illegible]
[illegible](b)[illegible]	[illegible] 072-80 (GC-MS/MS)	εg/l	0.0025	-	[illegible]
[illegible](k)[illegible]	[illegible] 072-80 (GC-MS/MS)	εg/l	0.0025	-	[illegible]
[illegible](g,h,i)[illegible]	[illegible] 072-80 (GC-MS/MS)	εg/l	0.0025	-	[illegible]
[illegible](1,2,3-c,d)[illegible]	[illegible] 072-80 (GC-MS/MS)	εg/l	0.0025	-	[illegible]
[illegible]	[illegible] 072-88 (GC-MS)	εg/l	0.03	< 1.0	[illegible]
[illegible] (C3H5NO)	[illegible] 072-86 (LC-MS/MS)	εg/l	0.06	< 0.10	[illegible]
[illegible] (C3H5ClO)	[illegible] 072-87 (GC-MS)	εg/l	0.07	< 0.10	[illegible]
[illegible]	[illegible] 072-79 (GC-MS/MS)	εg/l	0.006-0.02	< 0.50	[illegible]

[illegible]
[illegible]

[illegible]
DVM, [illegible] MSc

[illegible]
[illegible]
* [illegible]

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

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[illegible]

1. [illegible]

2. [illegible] 26120305 [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 εg/l & LOQ: 0.022-0.068 εg/l.
(#) [illegible].

[illegible]
[illegible]

[illegible]
DVM, [illegible] MSc

[illegible]
[illegible]
* [illegible]