αναλυτικά εργαστήρια αθηνών α.ε

Εργαστηριακές Αναλύσεις, Μελέτες - Εφαρμογές

[illegible]

[illegible] : **18-3821-001-0512-01**

[illegible] : **05/03/2018**

[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], 35133, [illegible]**		
[illegible]	: [illegible]		
[illegible]	: 27/02/2018	[illegible]	: 27/02/2018
[illegible]	: 27/02/2018	[illegible]	: 02/03/2018
[illegible]	: **28090512**	[illegible]	: [illegible]
[illegible]	: **[illegible]**		

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] 22°C	ISO 6222:1999	cfu/ml	[illegible]	0
[illegible] 37°C	ISO 6222:1999	cfu/ml	[illegible]	0
[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
Clostridium perfrigens ([illegible])	ISO 14189:2013	cfu/100ml	0	0

[illegible]

1. [illegible] 28090512 [illegible] 1 [illegible] 67322/ [illegible] 3282 [illegible]/19-9-2017, [illegible]

2. [illegible]

[illegible]

[illegible]

[illegible]

DVM, [illegible] MSc

[illegible]

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

ȹŁɆɇ Ƀ ȹ Ƀ Łȼ ɇ ŁȾ Ƀ ȷ ʔȷ ʂ Ɉ Ɇȼ Ɇ

ȷ ɉ. ȹɕůȖ΄ ɑɓɖȖɕɨ : **18-3821-001-0512-02**
ȼ ɛ/ɜǻ Ǒəǔɑůɖɠ : **07/03/2018**

ȷ ɉ. Ǒəǔɑůɖɠ : **1**

ɖɕɑɛɣɠ
ȷ ɉ. ȹɕǻ 102

ʂǕɤ ǘ. ȡǕǘ. Ɇɛǘɖǻɠ 104 Åȷ ȡɛɜǕ 115 27
Ɉ΄ ɑəǕǗɤǘǕɖɛǕ: Ⱥɘ ȡǕɛɒɣəɑɠ 127 Åʔ. Łɤɜǻ 142 32
ɇɖə: +30 210 7470500-502 Åǘ Ǖɕ: +30 210 7470501 Åemail: waternet@ergastiria.gr Åwebsite: www.ergastiria.gr

ɆɇɃȽ Ⱥȳ ȹȺʂȷ ɇɇ	:	**ɖȺɈȷ ʂȷ ʐ ȳ Ɇ,ȷ. ȹȷ ȹȷ ʔɖɅȺɃɈ Ⱦȷ Łɇ. ɆȷȾ, 35133, ʂȷ ʐ ȳ**			
Ɉ΄ Ǖ ɖɡɜɑɠ ǔǕɒɛǕɕəɖɣ ǻɠ	:	ȷ ʔȷ ʂɈɇŁȾȷ ȺɅǖȷ Ɇɇɇ Ʌȳ			
ȼ ɛ/ɜǻ ǔǕɒɛǕɕəɖɣ ǻɠ	:	27/02/2018	ȼ ɛ/ɜǻ ɣɜǕ ɜɖɠ Ǖɜǖɨ ǘǕɤ ɜ	:	27/02/2018
ȼ ɛ/ɜǻ ΄ Ǖȷ ǕəǕɒɛɠ	:	27/02/2018	ȼ ɛ/ɜǻ ΄ Ǖ ɣǗɤ ǘɖɠ Ǖɜǖɨ ǘǕɤ ɜ	:	06/03/2018
Ⱦɤ ǔɒɑɧɠ ǔǕɒɛǕɕɠ	:	**28090512**	ȾǗǕɤǘǗǕɖ ΄ ǕȷǕəǕɒɛɠ	:	Ⱦȷ ʔɃʔŁȾȼ
ɇǕɠǗɧǗɖǕ ǔǕɒɛǕɕɠ	:	**ʔȺɅɃȷ ȹɃ ȹʂȷ ɇȺȳ - ʐ Ⱥǖȷ ʂɇ ȡɅɈɆɇ**			

ȹǕȷ ɣɛǕȷ ɑɠ	ʐ ɣɗɑǔɑɠ	ʐ ɑɜɣǔǕ	ȳ ɉ ɒ ȷ ɜɑɜǕɖɕɖɠ	ȹǕȷ ǕɛǕȷ ɒɛ ɇɒɛ	ȷ ΄ ɑǕɣəǕɛǕ
Ɇɡəɣɜǖ ɤ ǘɖ ɖɜǕɤ ɜ ɡǔȷ ɑɠɧɜɑɠ (pH) - 25ÅC	ISO 10523:2008	pH units	-	6.5 - 9.5	7.8
ȼ əǕɛǖ ɒɛ ȷ ɔɤ ɔɒɧǕɖǕ - 25ÅC	ISO 7888:1985	ɛS/cm	10	< 2500	329
Ǖɑəɧɖǖ	ISO 7027:1999	FNU	0.02	-	1.7
ȷ ɉ ɩ ɛǕ	ȺʂɃȼ Ⱥʔ ISO 7887	mg/l Pt	1.5	-	<5
ȷ ɉ ɔɒɒ (Al)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.20	< 200.0	30
ȷ ɜǕɛɧɜɒ (Sb)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.002	< 5.0	0.021
ȷ ɉ ǘǕɒɒɧ (As)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.003	< 10.0	0.33
ȡɧȷ ɒ (B)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.15	< 1000.0	6.0
Ⱦɣǔɛɒ (Cd)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.001	< 5.0	< 0.035
ȷ ǘɒɣǘǕɒ (Ca)	ɃȺ 072-93 (ICP-MS)	mg/l	0.004	-	64
ȷ ɉ ɩ ɛɒ (Cr)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.01	< 50.0	0.56
ȷ ɉ ɩ ɛɒ Ⱥɜ ǕǘɖȡǕɣɠ (Cr 6+)	ɃȺ 072-71 (UV)	ɛg/l	1	< 50.0	ɖɕǘ ȷ ɜɒɜǕ ȡɖəǕ
ȷ Ǖəɧɠ (Cu)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.03	< 2000.0	1.2
Ɇɑǘȷ ɑɠ (Fe)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.06	< 200.0	22
ʐ ɧəɡɒǔɑɠ (Pb)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.005	< 10.0	0.071
ʐ Ǖɔɜɛǘɒ (Mg)	ɃȺ 072-93 (ICP-MS)	mg/l	0.001	-	4.3
ʐ Ǖɔɣɜɒ (Mn)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.005	< 50.0	0.38
Ɉǖȷ ɣȷ ɔɡȷ ɑɠ (Hg)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.01	< 1.0	ɖɕǘ ȷ ɜɒɜǕ ȡɖəǕ
ʔɒɣəɒ (Ni)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.01	< 20.0	0.39
Ⱦɣəɒ (K)	ɃȺ 072-93 (ICP-MS)	mg/l	0.001	-	0.34
ɆǕɛɜɒ (Se)	ɃȺ 072-93 (ICP-MS)	ɛg/l	0.035	< 10.0	< 0.25
ʔɣǕȷ ɒ (Na)	ɃȺ 072-93 (ICP-MS)	mg/l	0.0015	< 200.0	2.2
Ⱦɡ ǕɒɨɑǕ (CN)	ɃȺ 072-69 (UV)	ɛg/l	3	< 50.0	ɖɕǘ ȷ ɜɒɜǕ ȡɖəǕ
ȷ əɤȷ ɒɨɑǕ (Cl)	ISO 9297:1989	mg/l	1	< 250.0	<5
ȷ əȷ ɒ (Ɉ΄ ɑəǕɛǕǗɒɧ)	ɃȺ Ƀ72-70 (UV)	mg/l	0.015	-	< 0.05
ǖ ȡɑȷ ɒɨ ɑǕ (F)	ɃȺ 072-75 (UV)	mg/l	0.06	< 1.5	< 0.2
ʔɕȷ ɒɣ (NO3)	APHA 4500-NO3- B	mg/l	0.7	< 50.0	< 3
ʔɕȷ ɩ ǔɖ (NO2)	ISO 6777:1984	mg/l	0.01	< 0.5	ɖɕǘ ȷ ɜɒɜǕ ȡɖəǕ
ȷ ɛɛɩ ɜɒ (NH4)	ISO 7150-1:1984	mg/l	0.01	< 0.5	ɖɕǘ ȷ ɜɒɜǕ ȡɖəǕ
ǖ ɤ ǘǘɑȷ ɒɣ (PO4)	ɃȺ Ƀ72-62 (UV)	mg/l	0.015	-	ɖɕǘ ȷ ɜɒɜǕ ȡɖəǕ
ǕǘǕɒɣ (SO4)	APHA 4500-SO4	mg/l	1.5	< 250	< 5

Ƀ Ɉ΄ Ǖ ɖɡɜɑɠ
ȷ ɖɛɒɑɨ Ⱥȷ ɔǗǘǕǖȷ ɑɠ

ȹǕɨ əɑɠ ʔɖǘǕɜɣəɖɠ
DVM, ȷ ɖɛɒɧɠ MSc

ɇɑ ΄ Ǖȷ ɧɜ ΄ ɕǕȖ΄ ɑɖǕɒɧ ǘɣȷ Ǖɖəǖɛǘ ɑɜɒɒ ɡ΄ ɑɔȷ ǗǕɤ əǗɛǕǘ ɛ΄ ɑȷ ǕɑǕǕɛǕ Ǖȷ ǕɛɗǘɑɣȷɖɠǗɒɔȷ Ǘ΄ Ǖɤɣəɡɕɖ ǕɛɠǕ ɔǗǘǖȷ ɑɠ, ΄ Ǖȷ ɣɛɧɜɑ ǘǗ΄ əȷ ɖɛɛȷ ǘɤ.
ɇǕǕ ɑǗɛǖǘɛǗǗ Ǖɤ ɜ Ǖɜǖɨ ǘǕɤ ɜ ǕɜǗǘǖȷ ɑǗǗɛɧɜɑ ǘǗǗ ǔǕɒɛǕǗǗ ΄ ɑɠ ǘɒǗɤǘȡɖəǕ. Ƀ ɑɖɛɒɣɠ əǕɑɒɒəɑɔɣɠ ǔɑəɣɠ ΄ ȷ ɛɒǕɛ΄ ɑɨ ɜǗəǘǕɖɣɡȷ Ǖ ɛɠ ΄ ɑəǗǗǘǕɛǕǗǕɠ.
* ɖɕɑɛ ǘɒɧɠ ΄ ǗɑɠǔǕ ǕɣǕɨ ǘɧɖɠ.

ȿ Ůϰ ΰ. ϭŮ. Ȩϭΰϰ 104 Ȃ ϭϫŮ 115 27
Ƚ´ ϭϑŮŮ ϰ ϱ ϲ Ů. ȂϬ ϭŮϯϱϲ 127 Ȃʔ. ŀϯ ϫϭŮ 142 32
ȼϥϬ: +30 210 7470500-502 Ȃŭ Ůϭ: +30 210 7470501 Ȃemail: waternet@ergastiria.gr Ȃwebsite: www.ergastiria.gr

ȹŮ ϒε Ůϑ ϭϥ	ϛ ϯϭϋϭϥ	ϛ ϭϫϒϋŮ	ȳ ȷ ϖ ȷ ϫϭϫŮϥϖϭϥ	ȹŮ ŮεŮ ϖϖ ȼϖε	ȷ´ ϭϋϯϑŮεŮ
1,2 ϕϖϑ ȷ ϭŮϭϒϫϖ (EDC)	ȺȦ 072-88 (GC-MS)	εg/l	0.05	< 3.0	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ϭϖϭϑϭϭϑ ȷ ϭϖ (CH2CHCl)	ȺȦ 072-88 (GC-MS)	εg/l	0.04	< 0.50	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
Ⱥϑϖϒ ȼ ϭϑϭϭϭ εŮϭϒϫŮ (THM's)	ȺȦ 072-88 (GC-MS)	εg/l	0.04	< 100.0	2.4
ȷ ϑ ϭϋϕ εϖ (CHCl3)	ȺȦ 072-88 (GC-MS)	εg/l	0.04	-	1.1
ϭ ϒε ϭϋϕ εϖ (CHBr3)	ȺȦ 072-88 (GC-MS)	εg/l	0.05	-	0.13
ϭ ϒε ϭϋϖϑ ȷ ϭεŮϒϫϖ (CHBrCl2)	ȺȦ 072-88 (GC-MS)	εg/l	0.04	-	0.61
ϕϖϭ ϒε ϭϭϑ ȷ ϭεŮϒϫϖ (CHBr2Cl)	ȺȦ 072-88 (GC-MS)	εg/l	0.05	-	0.54
ȼϑ & ȼŮ Ů- ϭϑ ȷ ϭϖϭϑϯϫϖ	ȺȦ 072-88 (GC-MS)	εg/l	0.03	< 10.0	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ȼϖϑ ȷ ϭϖϭϑϯϫϖ (TCE)	ȺȦ 072-88 (GC-MS)	εg/l	0.05	-	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ȼŮ Ůϭϑ ȷ ϭϖϭϑϯϫϖ (PCE)	ȺȦ 072-88 (GC-MS)	εg/l	0.03	-	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ϭŮϭ(Ů)´ ϭϯϫϖ	ȺȦ 072-80 (GC-MS/MS)	εg/l	0.0025	< 0.01	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ȹϭϑϭϑϭϭ ȷ ϒεŮϭϭ Ƚϋ ϭϭϒϫϭ ŮϑŮ (PAH)	ȺȦ 072-80 (GC-MS/MS)	εg/l	0.0025	< 0.1	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ϭŮϭ(b)ϋϭ Ůϭϯϫϖ	ȺȦ 072-80 (GC-MS/MS)	εg/l	0.0025	-	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ϭŮϭ(ϑ)ϋϭ Ůϭϯϫϖ	ȺȦ 072-80 (GC-MS/MS)	εg/l	0.0025	-	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ϭŮϭ(g,h,i)´ Ů ϭϯϫϖ	ȺȦ 072-80 (GC-MS/MS)	εg/l	0.0025	-	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ŀϋŮϭ(1,2,3-c,d)´ ϭϯϫϖ	ȺȦ 072-80 (GC-MS/MS)	εg/l	0.0025	-	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ϭŮϭϕϑϖ	ȺȦ 072-88 (GC-MS)	εg/l	0.03	< 1.0	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
ȷ ϑ ϭϑŮε ϭϖ (C3H5NO)	ȺȦ 072-86 (LC-MS/MS)	εg/l	0.04	< 0.10	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
Ȃ´ ϖϑ ȷ ϭϋ ϭϥ (C3H5ClO)	ȺȦ 072-87 (GC-MS)	εg/l	0.07	< 0.10	ϕŮ ȷ ϫϖϫŮ ϭϥϑŮ
Ȩϊ ϫϭϑϖ ȹŮ ŮϑϖϭϑŮϕϒε ϫ	ȺȦ 072-79 (GC-MS/MS)	εg/l	0.006-0.02	< 0.50	ϕŮ ŮϭϖϭŮ ϭϥϑŮϭ

Ⱥ Ƚ´ Ů ϭϫϭϥ
ȷ ϥεϖϭϊ Ȃ ϫŮŮŮ ϭϥ

ȹŮϊ ϑϭϥ ʔϥŮ ŮϫϒϑϥϥϮ
DVM, ȷ ϥεϖϕϥ MSc

ȼϭ ´ Ů ϕϫ ´ ϐσ ΰ´ ϭϥϭϕ ϋϯ ŮϭϥϑŮϭŮ ϭϫϑε ϭ´ ϭϭ ŮϫŮ ŮϭŮ ϑŮϭŮϑ ϋŮϭŮϫŮ Ů ϑϭŮϭϭ ȷ ϕϖ Ůϭ ϭϑŮϭ ϋε ϯϭϑ ϐϥ Ůϭ Ů ϫŮŮŮϭ ϭϭ, ´ Ů ϒ εϕϫϭ ŮŮ´ ϑ ϥ εϭ ϋε.
ȼŮŮ ϭŮϭϯ ŮεŮŮŮ Ůϫ ŮϭŮϊ ŮŮϫ ŮϭŮϯ ϫŮŮϭεϕϫϭ ŮŮŮ ϋŮϭεŮŮŮ´ ϭϭ ŮϭŮϫŮϭϥϑŮϭ. Ⱥϑϭϥεϑϯϭ ϑŮϭϭϭϑϭϑϭϯϭ ϋϭϑϭεϯϭ´ ȷ ŮϭεŮϭ´ ϭϭϊ ϫŮŮϑŮϥϫ ϯϭ Ůϭϭ ϭ´ ϭϑŮŮŮϭεŮϭϭ.
* ϕϖϑϭε ŮϑŮϕϭ ´ Ůϭϭ ϋϭŮ ϐϭŮϥ.

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

[illegible]

[illegible] : **18-3821-001-0512-02**
[illegible] : **07/03/2018**

[illegible] : **1**

[illegible] 102

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

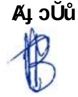
[illegible]

1. [illegible] 28090512 [illegible] 1 [illegible] 67322/ [illegible] 3282 [illegible] 19-9-2017, [illegible].

2. [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]