αναλυτικά
εργαστήρια
αθηνών α.ε

Εργαστηριακές Αναλύσεις, Μελέτες - Εφαρμογές

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ȷ ɟ . Ʊɤ̊ύ ̆ ɕɐʠ̈ɕ : **17-0847-003-0459-01**

⊄ ε /ɜɗ̈ Ǒɘŭɕů ɗɠ : **24/5/2017**

ȷ ɟ . Ǒɘŭɕů ɗɠ : **1**

ɥε ɐ *

ȷ ɟ . Ʊɤ̊Ǔ 102

ʂŮ ŕ . ɗŬŮ . Ǝɞűɗ̈ɠ 104 Å ȷ ɗɐɜǓ 115 27
Ɉ ́ ɕɘǓŮ ůʠɛǓ: Ǻɵ ɗŮɑʊɘɕ 127 Åʔ . Ŀ ɜɗǓ 142 32
∉ɗɵ: +30 210 7470500-502 Åū Ǔ: +30 210 7470501 Åemail: waternet@ergastiria.gr Åwebsite: www.ergastiria.gr

Ǝ∉Ɓɟ ǺɁ ƱǺʂȷ ∉⊄	:	**ɥ∉ʐ ƁƎ ʂƁƬɅɑʔ, Ʊʂȷ ∉ǺɁ ɥ∉ʐ ȷ Ʌɉ ǺɁɃɈ, 35200, ȷ ∉ȷ ʂȷ ʔ∉⊄**			
Ɉ ́ Ů ɗɠɜɕɠ ŭŮɑǓɕəɗɣ ɗ̈ɠ	:	ƱǺʂȷ ∉⊄Ǝ			
⊄ ε /ɜɗ̈ ŭŮɑǓɕəɗɣ ɗ̈ɠ	:	15/05/2017	⊄ ε /ɜɗ̈ ɣɜǓ ɟ ɜɗɠ ǓɜǓɐ ůŮɤ ɜ	:	16/5/2017
⊄ ε /ɜɗ̈ ́ Ǔ ɟ ǓɐǓɐɗ	:	16/05/2017	⊄ ε /ɜɗ̈ ́ Ů ɎŮ ůɗɠ ǓɜǓɐ ůŮɤ ɜ	:	19/5/2017
Ƭɤ ŭɕəɟ ŭŮɑǓɕɠ	:	**27200459**	ƬǓŮůŮǓɗ ́ Ǔ ɟ ǓɐǓɐɗ	:	Ƭȷ ʔƁʔŁƬ⊄
∉Ǔɠŕɟ ɗ̈ɠ ŭŮɑǓɕɠ	:	**ʔǺɅƁȷ ƱƁ ƬɈƱȷ ɅŁƎŁ**			

Ʊ Ǔ ɟ ɎεŮ ɟ ɕɠ	ʐ ɣɗ̈ ŭɕɠ	ʐ ɕɜɎ ŭǓ	Ʊ Ǔ ɟ Ǔε Ů ɟ ɐɐ ∉ɐε	ȷ ́ ɕɠɣɘŮ ε Ǔ
ȷ Ů ɟ ɦŭɐɐɛʐ ɐ ɟ ɕɕ ɟ ɔɜǓ ɐ ɑɕɑŮɕɠɠ 22ÁC	ISO 6222:1999	cfu/ml	ǒ ɜ Ůɠ ε Ůǖ ɕɐɘɠ	0
ȷ Ů ɟ ɦŭɐɐɛʐ ɐ ɟ ɕɕ ɟ ɔɜǓ ɐ ɑɕɑŮɕɠɠ 37ÁC	ISO 6222:1999	cfu/ml	ǒ ɜ Ůɠ ε Ůǖ ɕɐɘɠ	0
Ƭɕɐɘŭ ǓɘɗɁ ɐ Ůɐ	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

Ʊȷ Ʌȷ ∉⊄Ʌ⊄ƎǺŁƎ

1. ⊄ ɗε Ů ɕε ɗ ɜɗ̈ ɐǓɐ ɗ ɩ ȷ Ǔ ŭŮɑǓɕəɗɣ ɗ̈ɠ, ɕ ŭŮɑǓɕɐ ́ ɗ̈ɠ ɐǓɗɩ ɠ ɐǓɐǓ ůɗεǓɐ ŭŮɑǓɕəɗɣ ɗ̈ɠ ŮɑǓɐǓŕ ŭɐɐ ůɗ ɕɠ ́ ŮɐɎǓɗ.

2. Ɓ ɐǓɐɣɠ ŕ ɜ Ǔ ɕǓɐŮεɎ ɜ ɔɐǓ ɕ ŭŮɑǓε Ǔ Ůɐ ŭɐɦ Ǔ ɟ ɐɗε ɦ ŭŮɑǓɕɠ 27200459 ɕɠ ́ Ǔ ɟ ɦɜɕɠ ́ ɤ̊ɕ ́ ɕɐɗ̈ɐɕ , ŮɑǓɐǓŮɦɠ ŕ ɜ ɕ ɟ ɑɜ ́ ɕɠ ɐǓɗɕ ɟ ɕɕɜǓǓɘŮɗ ɜ Ƭɕɐɐ Ɉ ́ ɕɠ ɟ ɔɐɐ ȷ ́ ɦɗǓɐɗ Ɉ 2/2600/2001 (ū ǺƬ 892/ɗ/11-07-2001), ɦ ́ ɤ ɠ Ů ɕ ́ ɕ ́ ɕɐɐɗɗɐŮɐǓɐɤ̊ ɕ Ůɐ ɣɕ ɟ ɐɤ̊ ε Ů Ǔ.

3. ∉Ǔ Ǔ ɕǓɐɣŮε ǓǓ ŕ ɜ ǓɜǓɐ ůŮɤ ɜ ůɕǓɕɜǓɐεɦɜɕ εŮǓǓ ŭŮɑǓǓǓ ɐǓɐɕɠ ́ Ǔ ɟ Ǔε ɣɠ ɕɕɠ ́ ɕɠ ǓɜǓɐ ɗɗɐǓɜ ɐǓɐǓ Ů Ǔ ɕ ɟ ɕ ɜ ůɗ ůɠɜɕɐɐ ́ ɕɦɗǓ ɕɠ ɜ Ů ɕ , ɕɐ ́ Ǔ ɟ ɎεŮ ɕɐɕɠ ɕ ́ ɕɕɕɠ ́ ȷ ɣ ́ ŮɜǓ ŮɜǓɐŮ εɤ ɜ ɠ εŮɦɐɠ ŮɜŮɠ ́ ɕɠ ́ ȷ ɕɐɣ ́ ɕɜǓɐǓ ɦ ɗɜ Ƭɕɐɐ Ɉ ́ ɕɠ ɟ ɔɐɐ ȷ ́ ɦɗǓɐɗ Ɉ 2/2600/2001 (ū ǺƬ 892/ɗ/11-07-2001), ɦ ́ ɤ ɠ Ů ɕ ́ ɕ ́ ɕɐɐɗɗɐŮɐǓɐɤ̊ ɕ Ůɐ ɣɕ ɟ ɐɤ̊ ε Ů Ǔ.

Ɓ Ɉ ́ Ů ɗɠɜɕɠ
ɕɠ Ǻ ɟ ɔɐǓŮɗ ɟ ɕɕ

ɥɗε ɦɐɟ ɐɕɠ ɅɕɠɐɎɠ
DVM, ʐ ɐɟ ɕɞɐɐɘɦɔɕɠ - Ɉɔɐ Ůɕɕɘɦɔɕɠ MSc
Ǻ ́ ɤ̊ɗε ɕɜɐɦɠ ɥɐɑɠɗɜɕɠ

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

ȕȽȪȼȻȕȻȽȼ ȼȽȚȻ ȷ ?ȷ ȿȷȪȼȪ

ȷ ȷ . ȕȁȂ´ ɑɗȂɐ : **17-0847-003-0459-02**
ȼ ε/ɜȖ Ȫɚȗɗ : **24/5/2017**

ȷ ȷ . Ȫɚȗɗ : **1**

ɸɑɘɲɣ
ȷ ȷ . ȕȁȖ 102

ȿ ȕȓ. ȥȖȗ. Ȫɐȗɗ 104 Ȃȷ ȿɘɜȖ 115 27
Ɉ´ ɑɘȖȓȗɗ Ȗ: ȂȀ ȥȗɘɐȁɑ 127 Ȃ?. ȴɜȖ 142 32
ȼɗ: +30 210 7470500-502 Ȃȗ Ȗ: +30 210 7470501 Ȃemail: waternet@ergastiria.gr Ȃwebsite: www.ergastiria.gr

ȪȼȻȷ Ȃȷ ȕȂȿȷ ȼȼ	: **ɸȼɀ ȻȪ ȿȻȚȂɁ?, ȕȿȷ ȼȂȷ ɸȼɀ ȷ Ɂȷ ȂȻɈ, 35200, ȷ ȼȷ ȿȷ ?ȼȼ**			
Ɉ´ Ȗ ɗɘɑɗ ȗɐȖɗ	: **ȕȂȿȷ ȼȼ Ȫ**			
ȼ ε/ɜȖ ȗɐȖɗ	: 15/05/2017	ȼ ε/ɜȖ ɣȖ ɗ ȖȖ ȗɘ	:	16/5/2017
ȼ ε/ɜȖ´ Ȗ ȖɐȖɗ	: 16/05/2017	ȼ ε/ɜȖ´ ȗ ȖȖ ȗɗ ȖȖ ȗɘ	:	23/5/2017
Țɘɗ ȗɐȖɗ	: **27200459**	ȚȖȓȖɗ´ Ȗ ȖɐȖɗ	:	**Țȷ ?Ȼ?ȽȚȼ**
ȼȖɗ ȖɗȖ ȗɐȖɗ	: **?ȂɁȻȷ ȕȻ ȚɈȕȷ ɁȪȪȽ**			

ȕȖȷ ɣȖȖ ɑɗ	ɀ ɣɗɑȖɗ	ɀ ɑɘɣȖ	ȳ ȷ ɐ ȷ ɜɑȖȗɗ	ȕȖȷ ȖȖȷ ɐ ȼɐ	ȷ ´ ɑȖȖȖ
Ɂɑɣȗ ɣȗ ɘȖɘ ɗȖȷ ɑȖɑɗ (pH) - 25ȂC	ISO 10523:2008	pH units	-	6.5 - 9.5	7.5
ȼ ȗȖ ɐ ȷ ɜɘɐȖȖ - 25ȂC	ISO 7888:1985	εS/cm	10	< 2500	755
ȖɑɗȖȖ	ISO 7027:1999	FNU	0.02	-	0.21
ȷ ȷ ι εȖ	ȂȿȻȼ Ȃ? ISO 7887	mg/l Pt	1.5	-	<5
Ȼ ȗ ɐ	Ȼȷ ɜȖ ɑɗ´ ȖɐȖ (*)		-	-	ȷ ´ ɑȖȖȖ
ȖȖ ȗ ɗ	Ȼȷ ɜȖ ɑɗ´ ȖɐȖ (*)		-	-	ȷ ´ ɑȖȖȖ
Ȼɘ ȗ ɐȖ (KMnO4)	ȂȿȻȼ Ȃ? ISO 8467	mg/l O2	0.16	< 5.0	<0.5
ȷ ȷ ɜɐ (Al)	ȻȂ 072-93 (ICP-MS)	εg/l	0.20	< 200.0	< 1.25
ȷ ɘɐ ɘɐ (Sb)	ȻȂ 072-93 (ICP-MS)	εg/l	0.002	< 5.0	0.038
ȷ ȷ ȗȖɐ (As)	ȻȂ 072-93 (ICP-MS)	εg/l	0.003	< 10.0	5.9
ȥȷ ɐ (B)	ȻȂ 072-93 (ICP-MS)	εg/l	0.15	< 1000.0	20
ȚȖȖεɐ (Cd)	ȻȂ 072-93 (ICP-MS)	εg/l	0.001	< 5.0	< 0.035
ȷ ȷ ι εɐ (Cr)	ȻȂ 072-93 (ICP-MS)	εg/l	0.01	< 50.0	2.0
ȷ Ȗɗ (Cu)	ȻȂ 072-93 (ICP-MS)	εg/l	0.03	< 2000.0	2.5
Ȫȗɗ ɑɗ (Fe)	ȻȂ 072-93 (ICP-MS)	εg/l	0.06	< 200.0	6.3
ɀ ɗɑɗ (Pb)	ȻȂ 072-93 (ICP-MS)	εg/l	0.005	< 10.0	0.091
ɀ ȖɜȖɘɐ (Mn)	ȻȂ 072-93 (ICP-MS)	εg/l	0.005	< 50.0	0.10
Ɉȗȷ Ȗȷ ɜȷ ɑɗ (Hg)	ȻȂ 072-93 (ICP-MS)	εg/l	0.01	< 1.0	ɸȗȁ ȷ ɘɐɘȖ ɗȖ
?ɐȖɐ (Ni)	ȻȂ 072-93 (ICP-MS)	εg/l	0.01	< 20.0	0.70
Ȫȗɐɘɐ (Se)	ȻȂ 072-93 (ICP-MS)	εg/l	0.035	< 10.0	0.27
?ȖȖ ɐ (Na)	ȻȂ 072-93 (ICP-MS)	mg/l	0.0015	< 200.0	15
ȥȷ εɐȖ (BrO3)	ȻȂ 072-85 (LC-MS/MS)	εg/l	0.06	< 10.0	ɸȗȁ ȷ ɘɐɘȖ ɗȖ
ȚɗȖɐ ɑȖ (CN)	ȻȂ 072-69 (UV)	εg/l	3	< 50.0	ɸȗȁ ȷ ɘɐɘȖ ɗȖ
ȷ ɐ ȷ ɐ ɑȖ (Cl)	ISO 9297:1989	mg/l	1	< 250.0	34.0
ȖɗȷɐɑȖ (F)	ȻȂ 072-75 (UV)	mg/l	0.06	< 1.5	ɸȗȁ ȷ ɘɐɘȖ ɗȖ
?ȖȖ ɐȖ (NO3)	ȻȂ 072-92 (UV)	mg/l	0.7	< 50.0	11.9
?ȖȖ ι ȗɗ (NO2)	ISO 6777:1984	mg/l	0.01	< 0.5	ɸȗȁ ȷ ɘɐɘȖ ɗȖ
ȷ εει ɘɐ (NH4)	ISO 7150-1:1984	mg/l	0.01	< 0.5	ɸȗȁ ȷ ɘɐɘȖ ɗȖ
ȖȗɐȖ (SO4)	ȻȂ 072-72 (UV)	mg/l	1.5	< 250	6
Ȼɑɐɗ Ȼȷ ɜȖɐɗ ȗɘȥȷ Ȗɗ (TOC)	APHA 5310 B	mg/l C	0.05	-	1.4
1,2 ɸɐɐȷ ɑȖȖɘɐ (EDC)	ȻȂ 072-88 (GC-MS)	εg/l	0.05	< 3.0	ɸȗȁ ȷ ɘɐɘȖ ɗȖ

Ȼ Ɉ´ Ȗ ɗɘɑɗ
ȷ ɗεɐɑ Ȃȷ ɜȖȗȖȷ ɑɗ

ȕȖɑɗ ?ȗȖɘɗ
DVM, ȷ ɗεɐɗ MSc

ȼȖ´ Ȗȷ ɘ´ ȁȂ´ ɑɗȂȖ ȖɐȖɑɘɗ ɑɗ´ ɑȷ ȖɐȖȖ ȗȗ εɑȷ Ȗ ȖȖ ȖȖ ȖɑȖɑȷ ɗȖȷ ȖȖ ɐɜȷ ȁɗ Ȗɗ ȗ ɜȖȖȖȷ ɑɗ, ´ Ȗȷ ɐ εɘɑ ȗȖ´ ɐȷ ɗ εɑȷ Ȗɐ.
ȼȖȖ ɑȖȖɐȗȖȖȖɘ ȖȖȖȷ ɑɘȖȖɐɘɑ ȗȖȖ ȗɐȖȖȖ´ ɑɗ ȗȖȖȗɗɗȖ. Ȼɑɗɐɐɗ ɗȖɐɑɐɐɑɜɐɗ ȗɑɐɣɗ´ ȷ ȖɐȖ´ ɑȖ ɘȖȖȖɘ ɣȷ Ȗɑɗ ɗ´ ɑȖȖȖȗɐȗȖɐɗ.
* ɸɐɐɐ ȗɗ ´ ȖɑɐɗȖɐȖ ɗȗȖɗȗɗ.

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

[illegible]

[illegible] : **17-0847-003-0459-02**
[illegible] : **24/5/2017**

[illegible] : **1**

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

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[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	9.4
[illegible] (CHCl3)	[illegible] 072-88 (GC-MS)	εg/l	0.04	-	1.1
[illegible] (CHBr3)	[illegible] 072-88 (GC-MS)	εg/l	0.05	-	4.2
[illegible] (CHBrCl2)	[illegible] 072-88 (GC-MS)	εg/l	0.04	-	0.84
[illegible] (CHBr2Cl)	[illegible] 072-88 (GC-MS)	εg/l	0.05	-	3.3
[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](a)[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]

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

[illegible]

1. [illegible]

2. [illegible] 27200459 [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]