

wŭ%u. ỹ Ůŭ. -/ u"ŮF 104 Çh%!!Ů 115 27

– 9/ " ǂǂ ǂǂ. ǂ: ǂ. ǂǂ! • </ £ 127 ǂǂ. ǂǂ! ǂ 142 32

- Τηλ: +30 210 7470500-502 Φάξ: +30 210 7470501 Email: waternet@ergastiria.gr Website: www.ergastiria.gr

- - wɾ—Əɪ ʏƏwɪ- ɾ : ɥɾ ʋw- ʋƏɪ-, 84002, ʋƏɪ

— ♀ Ὠρᾶ! / Εὐρύτῳ ὡς ἔστιν ὕψος : ὕψος - Γ -

22/08/2018

၂၄/၈/၂၀၁၈ : 23/08/2018

၂၁/၈/၂၀၁၈ : ၂၃/၈/၂၀၁၈

[illegible]

WFOU : 28340980

Wòu ǔwǔ...♀ ǔ ǔ ǔ†“ F : Wǎwǎwǎwǎ

- ЁЎҒУ.ЎЎЎҒ - ЎҒҒ : wəy̟w̞ ñ y̟w̞ V̞w̞w̞ɪç ñ - θV̞w̞ W̞- f̞w̞-w̞t̞ɪ

YÜ, > Ü/ F	W %Ü/ F	W !!, üÜ	YÜÜ Ü Ü' "" - ' , "	ü / Ü < ÜÜ, Ü
Ü Ü TM/ ' W"n/ / n ÜÜ!Ü> / " ÜÜ £F 22Ä	ISO 6222:1999	cfu/ml	s!!Ü > ÜÜÜ/ < " F	>300
Ü Ü TM/ ' W"n/ / n ÜÜ!Ü> / " ÜÜ £F 37Ä	ISO 6222:1999	cfu/ml	s!!Ü > ÜÜÜ/ < " F	>300
W < / †Ü' Ü.Ü / ÜÜ"	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 perfringens (Ü£ > Ü' < Ü †ÜÜ/ > ' !!%Ü ÜÜ! Ü > TM %Ü!)	ISO 14189:2013	cfu/100ml	0	0
Pseudomonas aeruginosa	ISO 16266:2006	cfu/100ml	0	0

Ýì ýì - Γ ÿ Γ - ΘΓ-

[illegible][illegible][illegible]

W - ♀ Ū2%£!Y F
U £ Θⁿ ± ŪŪU,ₙ ʔ £

Kevin

$\psi_{\dots}^{\text{TM}} \cap \psi_F \neq \emptyset$, F

DVM, $\dot{W}'''_n / \dagger' / \epsilon^{TM} / F - - \dagger' \dot{U}! / \epsilon^{TM} / F$ MSc

Θ♀'ύΨ.λ/ !!'''™F μ'Έ%€!!U'F

- / ɤ ŋTM ʔ'ũũ ɤ / ' . U"TM n Ũ .. Ċ Ů Ů / !''' " £ ɤ / ‡ n Ů u " Ů ũ Ů! > ɤ / n Ů !! Ů Ů!! Ů ɤ ŋ Ů P 6 Ů P 6 / n F U . ‡ n Ů ɤ Ů ' ‡ n n' ũ ... U £ Ů ‡ Ů Ů n ? £ , ɤ ŋ , > TM / ũ Ů ɤ < " n ... / n u " .

[illegible]

- Ũ "ũũ 1 ũ♀ TM1

wŭ%u. ỹ Ůŭ. -/ ȳ"ŮF 104 Çh%o!!Ů 115 27

– 9/ " ǂǂ ǂǂ. ǂ: ǂ. ǂǂ!" • </ £ 127 ǂǂ. ǂǂ!" ǂ 142 32

- Τηλ: +30 210 7470500-502 Φάξ: +30 210 7470501 Email: waternet@ergastiria.gr Website: www.ergastiria.gr

- - wɪ-θɪ ʔəwɪ-ɪ : ɪɪ ʔw- ʔəwɪ-, 84002, ʔəwɪ

— ♀ ŪŲ%&!/ F ūŪ‡> ŪŪ < ..€"ŪF : ÝΘÀŊ-Γ-

№ 22/08/2018

Γ > /III° U ♀ U h U k U t “ E : 23/08/2018

၂၁/၈/၂၀၁၈ : ၂၃/၈/၂၀၁၈

၎င်းတို့သည် ၂၀၁၈ ခုနှစ် ဇူလိုင်လ ၁၀ ရက်နေ့တွင် ဖမ်းဆီးခံရပြီး နေ့စဉ် နေထိုင်မှု အခက်အခဲများ ရင်ဆိုင်နေရပါသည်။

WFOU : 28340980

WUU ıWU...♀ ıı ııı“ F : WıWıWıWı

[illegible]

YU, > UY/ F	W %U/ F	W !!, uU	W / YU U U	YU U U	W %U/ F
- E+ " ' !! U %U ... T M U %U! E U n / + T M / E (pH) - 25 A C	ISO 10523:2008	pH units	-	6.5 - 9.5	7.6
Γ < U U " " U %U + T M U U - 25 A C	ISO 7888:1985	> S/cm	10	< 2500	674
U / < T M U U	ISO 7027:1999	FNU	0.02	-	0.48
- e > U	Θ W - Θ W ISO 7887	mg/l Pt	1.5	-	<5
W U > "	W n + U U / < ... U U', (*)		-	-	W % / U U U
U U ...	W n + U U / < ... U U', (*)		-	-	W % / U U U
W U U %U > T M U U (KMnO4)	Θ W - Θ W ISO 8467	mg/l O2	0.16	< 5.0	<0.5
W n + < / (Al)	W Θ 072-93 (ICP-MS)	> g/l	0.20	< 200.0	7.4
W !! U U T M / (Sb)	W Θ 072-93 (ICP-MS)	> g/l	0.002	< 5.0	0.022
W n U U " T M (As)	W Θ 072-93 (ICP-MS)	> g/l	0.003	< 10.0	0.14
Y T M / (B)	W Θ 072-93 (ICP-MS)	> g/l	0.15	< 1000.0	162
W U > / (Cd)	W Θ 072-93 (ICP-MS)	> g/l	0.001	< 5.0	< 0.035
- e > / (Cr)	W Θ 072-93 (ICP-MS)	> g/l	0.01	< 50.0	0.064
- e > / Θ U U %U! F (Cr 6+)	W Θ 072-71 (UV)	> g/l	1	< 50.0	U U! W %U %U! U
- U k " T F (Cu)	W Θ 072-93 (ICP-MS)	> g/l	0.03	< 2000.0	5.5
- U ... n / F (Fe)	W Θ 072-93 (ICP-MS)	> g/l	0.06	< 200.0	7.4
W T W E + U / F (Pb)	W Θ 072-93 (ICP-MS)	> g/l	0.005	< 10.0	1.6
W U +, !! / (Mn)	W Θ 072-93 (ICP-MS)	> g/l	0.005	< 50.0	1.0
- U n, n + E n / F (Hg)	W Θ 072-93 (ICP-MS)	> g/l	0.01	< 1.0	U U! W %U %U! U
W " ' < / (Ni)	W Θ 072-93 (ICP-MS)	> g/l	0.01	< 20.0	247
- U " !! / (Se)	W Θ 072-93 (ICP-MS)	> g/l	0.035	< 10.0	< 0.25
W, U / (Na)	W Θ 072-93 (ICP-MS)	mg/l	0.0015	< 200.0	86
Y n %U " , (BrO3)	W Θ 072-85 (LC-MS/MS)	> g/l	0.06	< 10.0	U U! W %U %U! U
W E U !! / O P U (CN)	W Θ 072-69 (UV)	> g/l	3	< 50.0	U U! W %U %U! U
- e %U / O P U (Cl)	ISO 9297:1989	mg/l	1	< 250.0	140
U %U n / O P U (F)	W Θ 072-75 (UV)	mg/l	0.06	< 1.5	< 0.2
W U " , (NO3)	APHA 4500-NO3- B	mg/l	0.7	< 50.0	4.6
W U e U ... (NO2)	ISO 6777:1984	mg/l	0.01	< 0.5	U U! W %U %U! U
W > e !! / (NH4)	ISO 7150-1:1984	mg/l	0.01	< 0.5	U U! W %U %U! U
U U " , (SO4)	APHA 4500-SO4	mg/l	1.5	< 250	18
W k " T F W n + U " " T F S !! %U U U F (TOC)	APHA 5310 B	mg/l C	0.05	-	0.52

W - ♀ Ū%£!/? F

—...'''/ ΩΘη ±ÜÜU.η'' £

B

YŮΩ/ ₣ W..ú'Ů!!.. " ..₣

DVM, —.2 "™ MSc

- / ǂᵛ ᵐᵒᵗᵓ ᶑ'úú ᶑ/ ' .U''ᵐᵒᵗᵓ n Ũ .._iŨ U / !!''' £ ᶑ/ ‡n ũᵛ " Ů ŭŨ! > ᶑ/ n Ũ!! Ů Ů!! Ů ᶑᵛ ᵐᵒᵗᵓ PᵀPᵀF U.. ‡n Ů ᶑᵛ ' ‡' n' ũ... U E Ũ ‡Ů Ů n? £, ᶑᵛ ᵐᵒᵗᵓ , > Tᵐᵒᵗᵓ úŨ ᶑ<' n ...>/ n u'.

* ၂၀၂၁ ခုနှစ် ဇွန်လ ၁ ရက်နေ့ နံနက် ၈ နာရီခန့်တွင် ဖမ်းဆီးခံရသူများ၏ နာမည်များကို အောက်ပါအတိုင်း ဖော်ပြထားပါသည်။

- Ū "ūŭ1 ū♀ TM3

WU%y. yU. -/ y"UF 104 Qh%!!U 115 27

– 9/ " ǂǂ ǂǂ. ǂ: ǂ. ǂǂ!•' </ £ 127 ǂǂ. ǂǂ! ǂ 142 32

- Τηλ: +30 210 7470500-502 Φάξ: +30 210 7470501 Email: waternet@ergastiria.gr Website: www.ergastiria.gr

YÜ, > Ü/ F	W % Ü F	W !!, üÜ	л / н!! ршсü..F	YÜ Ü Ü "" - 's "	н / рсüü Ü
1,2 ü "Pis%ñ/ Ü%ü!!/ (EDC)	wӨ 072-88 (GC-MS)	> g/l	0.05	< 3.0	үÜ! н!!Pшсüü."Ü
ÿ'!!E</ Pis%ñ "Ü/ (CH2CHCl)	wӨ 072-88 (GC-MS)	> g/l	0.04	< 0.50	үÜ! н!!Pшсüü."Ü
w<'", - n'Ük/ ÷/ !/ > Ü%ü!!"Ü (THM's)	wӨ 072-88 (GC-MS)	> g/l	0.04	< 100.0	үÜ! н!!Pшсüü."Ü
—€%ñ/ ү™ > / (CHCl3)	wӨ 072-88 (GC-MS)	> g/l	0.04	-	үÜ! н!!Pшсüü."Ü
ÿ^n %ö/ ү™ > / (CHBr3)	wӨ 072-88 (GC-MS)	> g/l	0.05	-	үÜ! н!!Pшсüü."Ü
ÿ^n %ö/ ü "Pis%ñ/ > Ü%ü!!/ (CHBrCl2)	wӨ 072-88 (GC-MS)	> g/l	0.04	-	үÜ! н!!Pшсüü."Ü
ү't^n %ö/ Pis%ñ/ > Ü%ü!!/ (CHBr2Cl)	wӨ 072-88 (GC-MS)	> g/l	0.05	-	үÜ! н!!Pшсüü."Ü
- n' - & - ÜÜ Ü - Pis%ñ/ Ü%ü<' !!!/	wӨ 072-88 (GC-MS)	> g/l	0.03	< 10.0	үÜ! н!!Pшсüü."Ü
- n "Pis%ñ/ Ü%ü<' !!!/ (TCE)	wӨ 072-88 (GC-MS)	> g/l	0.05	-	үÜ! н!!Pшсüü."Ü
- ÜÜ Ü Pis%ñ/ Ü%ü<' !!!/ (PCE)	wӨ 072-88 (GC-MS)	> g/l	0.03	-	үÜ! н!!Pшсüü."Ü
ÿÜ!•/ (Ü) ÷E^n " !!!/	wӨ 072-80 (GC-MS/MS)	> g/l	0.0025	< 0.01	үÜ! н!!Pшсüü."Ü
Y/ < E" E" < "/ " ñ^n %ö ÜÜ"/ " —Ü^n/ ÷/ !!, !!%ü Ü F (PAH)	wӨ 072-80 (GC-MS/MS)	> g/l	0.0025	< 0.1	үÜ! н!!Pшсüü."Ü
ÿÜ!•/ (+)ү%ü^n Ü!!%ü!!/	wӨ 072-80 (GC-MS/MS)	> g/l	0.0025	-	үÜ! н!!Pшсüü."Ü
ÿÜ!•/ (")ү%ü^n Ü!!%ü!!/	wӨ 072-80 (GC-MS/MS)	> g/l	0.0025	-	үÜ! н!!Pшсüü."Ü
ÿÜ!•/ (g,h,i) ÷Ü E<' !!!/	wӨ 072-80 (GC-MS/MS)	> g/l	0.0025	-	үÜ! н!!Pшсüü."Ü
ñ!üÜ/ (1,2,3-c,d) ÷E^n " !!!/	wӨ 072-80 (GC-MS/MS)	> g/l	0.0025	-	үÜ! н!!Pшсüü."Ü
ÿÜ!•™/	wӨ 072-88 (GC-MS)	> g/l	0.03	< 1.0	үÜ! н!!Pшсüü."Ü
ñ^n E< Ü "Ü/ (C3H5NO)	wӨ 072-86 (LC-MS/MS)	> g/l	0.04	< 0.10	үÜ! н!!Pшсüü."Ü
Ө ÷Pis%ñ EÜ^n "!!...(C3H5ClO)	wӨ 072-87 (GC-MS)	> g/l	0.07	< 0.10	үÜ! н!!Pшсüü."Ü
- Q/ / < YÜ ÜÜ"Y "Y™%ü!!	wӨ 072-79 (GC-MS/MS)	> g/l	0.006-0.02	< 0.50	үÜ! Ü!!Pшсüü."Ü!!

Ẁ - ♀ Ū̄/£!!/ F
 —.λ '''/ ΩΘ†P̄U.η'Y £

12

YÜΩ / F W..Ü'Ü!! , " ..F
DVM, —.ä "'™ F MSc

-/ ♀ ũⁿ TM ♀'ũU ♀/'..U^m TM' n Ũ ..<ŨU/ !!''' £ ♀/ ‡n ũu " ũ ũŨ! > ♀/ n Ũ !! ũ ũ!! ũ ♀ ũ ũ PŨŨ PŨŨ F U. ‡n ũ ♀ ũ ' ‡' n' ũ... U £ Ũ ‡ ũ ũ n' £, ♀ ũ, > TM/ ũŨ ♀ < " n ... / n u".

[illegible]

- Ū "ūŮ2 Ů♀ TM3

wŭ%u. ǎ ŭŭ. -/ u"ŭF 104 Cŭ%ŭ!!ŭ 115 27

- 9/ " Ů ů ű Ų ų Ŵ Ŷ ŷ Ź ź Ż ż Ž ſ ŧ Ũ Ū ū Ŭ ŭ Ÿ Ź ź Ż ż Ž ſ ŧ Ũ Ū ū Ŭ ŭ Ÿ

- Τηλ: +30 210 7470500-502 Φάξ: +30 210 7470501 Email: waternet@ergastiria.gr Website: www.ergastiria.gr

Ýîýî- Ğ ù Ğ - Θġ-

[illegible][illegible]

3. - ပံ နံ ဖံ ဖံ'ဖံ "ဖံပံ နံ/ £ ပံပံ'နံ/ !!ဖံ ဖံ နံပံ e!! နံ'ဖံ နံ/ '..ဖံ™, ပံပံပံ ပံ:

Acetochlor, Acrinathrin (s %/ 'ú/ ð ð! 'ú/ ð e !!), Aldrin, Atrazine, Azinphos Ethyl, Azinphos Methyl, Benalaxyl, Benfluralin, Bifenox, Bifenthrin, Biphenyl, Bitertanol, Bromocyclen, Bromophos Ethyl, Bromophos Methyl, Bromopropylate, Bromuconazole (s %/ 'ú/ ð ð! 'ú/ ð e !!), Buprofezin, Butafenacil, Cadusafos, Captafol, Captan, Carbaryl, Carbophenothion, Carbosulfan, Chlordane alpha (cis), Chlordane gamma (trans), Chlorfenapyr, Chlorfenson, Chlorfenviphos (s %/ 'ú/ ð ð! 'ú/ ð e !!), Chlorobenzilate, Chloropropylate, Chlorothalonil, Chlorpyrifos Ethyl, Chlorpyrifos Methyl, Chlorthal dimethyl/DCPA, Chlorthion Methyl, Clodinafop-propargyl, Cloquintocet mexyl, Coumaphos, Cyfluthrin (s %/ 'ú/ ð ð! 'ú/ ð e !!), Cyhalothrin lambda, Cypermethrin (s %/ 'ú/ ð ð! 'ú/ ð e !!), 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, Difenconazole (s %/ 'ú/ ð ð! 'ú/ ð e !!), Diflufenican, Dimethenamid, Dimethoate, Diniconazol, Diphenamid, Endosulfan alpha, Endosulfan beta, Endosulfan lactone, Endosulfan sulfate, Endrin, Epoxiconazole, Esfenvalerate, Etaconazol (s %/ 'ú/ ð ð! 'ú/ ð e !!), Ethalfuralin, Ethion, Ethoprophos, Etridiazol, Etrinfos, Famphur, Fenamifos, Fenarimol, Fenazaquin, Fenbuconazol, Fenchlorphos, Fenitrothion, Fenoxycarb, Fenproparthrin, Fenpropidin, Fenpropimorph, Fenson, Fenvalerate (s %/ 'ú/ ð ð! 'ú/ ð e !!), Fluazifop-P-butyl, Fluchloralin, Flucythrinate (s %/ 'ú/ ð ð! 'ú/ ð e !!), Fludioxonil, Flufenoxuron, Fluquinconazole, Flusilazole, Fluvalinate-tau (s %/ 'ú/ ð ð! 'ú/ ð e !!), 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 (s %/ 'ú/ ð ð! 'ú/ ð e !!), Metolachlor, Metribuzin(#), Mirex, Myclobutanil, Nitrapyrin, Nitrofen, Nitrothal isopropyl, Nuarimol, o-phenylphenol, Oxadiazon, Oxylfluorfen, Paclobutrazol, Parathion Ethyl, Parathion Methyl, Penconazole, Pendimethalin, Pentachloroanisole, Permethrin (s %/ 'ú/ ð ð! 'ú/ ð e !!), Perthan, Phenothrin (s %/ 'ú/ ð ð! 'ú/ ð e !!), 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, Quinoxifen, Quintozene, Resmethrin (s %/ 'ú/ ð ð! 'ú/ ð e !!), S421, Simazine, Spirodiclofen, Tebuconazole, Tecnazene, Tefluthrin, Terbutylazine, Tetrachlorvinphos, Tetraconazole, Tetradifon, Tetramethrin (s %/ 'ú/ ð ð! 'ú/ ð e !!), Tetrasul, Thiobencarb, Tolclofos Methyl, Tolyfluanid, Transfluthrin, Triadimefon, Triazophos, Trichloronate, Trifluralin, Triticonazole, Uniconazole, Vinclozolin.

ပျံ့ပွားမှု σ^2 ၏ ပုံစံ $\sigma^2 = \frac{1}{n} \sum_{i=1}^n (x_i - \bar{x})^2$ ဖြစ်ပြီး၊ LOD: 0.006-0.022 $\times$ g/l & LOQ: 0.022-0.068 $\times$ g/l.

(#) Ө' У^{NE} ♀ Ы' £ ǎ' ǎ' ♀ " Ы' Ы' £ Ы' . £.

W - ♀ Ū%£!! F
 —.λ '''/ ΩΘη ‡ŪŪU.η % £

12

YÜΩ / F W..Ú'Ü!! , " ..F
DVM, —.ä "'™ F MSc

-/ q̣h TM! q̣'ũq̣ q̣/'..U' TM q̣'n Ũ ..xŨq̣/!!''' £ q̣/ ‡n Ũq̣ " Ũ ũŨ! > q̣/n Ũ!!PŨ!!P̄q̣h ŨP̄q̣h P̄q̣h F U. ‡n Ũq̣h ' ‡n ũ...U £ Ũ ‡ũq̣h n? £, q̣h, > TM/ ũŨ q̣<" n.../> n q̣.

[illegible]

- ٤ "٥٥ ٣ ٥٥ TM٣