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

# Ʉ Ł Ɇ ɇ Ƀ Ʉ Ƀ Ł ¢ ɇ Ł Ʈ Ƀ ȷ ʔ ȷ ȿ Ɉ Ɇ ¢ Ɇ

ȷ ɟ . ɄȿůŬȥ´ ɞȿɋŬůɞɞɞ : **16-0847-001-0515-02**
¢ ɛ/ɜɑŬ 1ɖɟɞ Ɔəŭɞůɖɟɞ : **27/05/2016**
¢ ɛ/ɜɑŬ Ɐ´ Ŭȥɣəŭɞůɖɟɞ : **27/5/2016**
ȷ ɟ . Ɔəŭɞůɖɟɞ : **2**

ɋ Ůȥ ű . ɑŬůů. Ɇɛűůŭɟ 104 Å ȷ ɑɛɜŬ 115 27
Ɉ´ ɞəŬŰȾůŬɟɛŬ: Ɐə. ɑŬȥɞɣəɞɞ 127 Å?. Łȥ ɜŬ 142 32
¢ɖə: +30 210 7470500-502 Åū Ŭȥ: +30 210 7470501 Åemail: waternet@ergastiria.gr Åwebsite: www.ergastiria.gr

ɋɞɞɞ ɟ ɞɞ : **ɞɞ¢ ɛ Ƀ Ɇ ɋ Ƀ Ʈ Λɖ ?, Ʉɋ ȷ ɇ Ɐ ɟ ɞɞ¢ ɛ ȷ Λȷ Ɐ Ł Ƀ Ɉ, 35200, ȷ ɇ ȷ ɋ ȷ ?ɇ¢**

Ɉ´ Ůȥ ɑɑɜɞɞɞ ŭŬůɞɞɛŬŰɞəɖɟɞ ŭŬ : Ʉ Ɐ ɋ ȷ ɇ¢ Ɇ
¢ ɛ/ɜɑŬ ŭŬůɞɞɛŬŰɞəɖɟɞ ŭŬ : 16/05/2016 — ¢ ɛ/ɜɑŬ ɣɜŬȥ ɜɖɟɞ ŬȥŬəȥ ůůȥ ɜ : 17/5/2016
¢ ɛ/ɜɑŬ´ Ůȥ ŬəŬůɞəɞ : 17/05/2016 — ¢ ɛ/ɜɑŬ´ Ůȥ ŸŰȥ ůɖɟɞ ŬȥŬəȥ ůůȥ ɜ : 24/5/2016

Ʈȥ ŭɞəůɟɞ ŭŬůɞɞɛŬŰɞɞ : **26200515** — Ʈ ŮŰȥ ůŰŰůɖ´ Ůȥ ŬəŬůəɞɞ : Ʈȥ ȷ ?Ƀ ?Ł Ʈ¢
ɇŬɡŰȥůɖŰŰ ŭŬůɞɞɛŬŰɞɞ : **?ɇ Λ Ɐ Ƀ ȷ Ʉ Ƀ ɉ ɖɟ Ł ¢ ȷ Ɉ Ƀ Ɉ ɖɟ Λ Ɉ Ɇ ¢ Ɇ - ȿŁɖȷ ?ȷ ɇ Ɐ Ɇ**

| Ʉŭȥ ŸɛůŰȥ ɞɞ | ɛ ɣɖůŭɞɞ | ɛ ɞɜŸŭŬ | ȳ ȥ ɞɞ ȷ ɜɑɞɜŬȥůɖůɖɟɞ | Ʉŭȥ ŬɛůŰȥ ɜəɞ ɇ ɞɞ | ȷ´ ɞŰȥəůůɛŬ |
|---|---|---|---|---|---|
| Ɇɡɔəɣɜȥ ɣ ůɖ ɞȿȥŰȥ ɜ gŭȥ ɞɔȿȥɜɞg (pH) - 25Å°C | ISO 10523:2008 | pH units | - | 6.5 - 9.5 | 7.6 |
| ¢ əůəȥ ɞəɣ ȷ ɔɣ ɔɞȿȥŰȥůɖŰŰ - 25Å°C | ISO 7888:1985 | ɛS/cm | 10 | < 2500 | 689 |
| Ū ɞəȿȥŰȥůɖŰŰ | ISO 7027:1999 | FNU | 0.02 | - | 0.82 |
| ȷ ɟ ȷ ɩ ɛŬ | Å ȿ Ƀ ɇ Å? ISO 7887 | mg/l Pt | 1.5 | - | <5 |
| Ƀ ůɛɣ | Ƀ ȷ ɔŬȥ ɞəɖ´ Ŭȥ ɞŸ (*) | | - | - | ȷ´ ɞŰůəŰȥ |
| ūŬ ůɖ | Ƀ ȷ ɔŬȥ ɞəɖ´ Ŭȥ ɞŸ (*) | | - | - | ȷ´ ɞŰůəŰȥ |
| Ƀ ȥůəŰȥ ɣ ůɛȿȥŰȥůɖŰŰ (KMnO4) | Å ȿ Ƀ ɇ Å? ISO 8467 | mg/l O2 | 0.16 | < 5.0 | <0.5 |
| ȷ ɟ ɔɖəɞ (Al) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.20 | < 200.0 | ɖůȥ ȷ ȥɞȥůŰ ɑɖəůŰ |
| ȷ ȥŰȥɛȿȥɞ (Sb) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.002 | < 5.0 | 0.039 |
| ȷ ɟ ůůȥɞəȿȥ (As) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.003 | < 10.0 | 9.4 |
| ɑȿȥ ɟ ɞ (B) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.15 | < 1000.0 | 23 |
| Ʈ Ÿŭɛɞ (Cd) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.001 | < 5.0 | < 0.035 |
| ȷ ɟ ȷ ɛɞ (Cr) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.01 | < 50.0 | 1.9 |
| ȷ Ŭəəȿȥ (Cu) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.03 | < 2000.0 | 2.5 |
| Ɇůɖȷ ɞɡ (Fe) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.06 | < 200.0 | 5.6 |
| ɋ ȿəɡbŭɞɡ (Pb) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.005 | < 10.0 | 0.21 |
| ɋ ŰɔŸȥɞ (Mn) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.005 | < 50.0 | < 0.05 |
| Ɉ ŭȥ Ÿȷ ɔɡȷ ɞɡ (Hg) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.01 | < 1.0 | ɖůȥ ȷ ȥɞȥůŰ ɑɖəůŰ |
| ?ɞəɣəɞ (Ni) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.01 | < 20.0 | 0.19 |
| Ɇůəɛȥɞ (Se) | Ƀ Å 072-93 (ICP-MS) | ɛg/l | 0.035 | < 10.0 | 0.35 |
| ?Ÿȥ ɞ (Na) | Ƀ Å 072-93 (ICP-MS) | mg/l | 0.0015 | < 200.0 | 17 |
| ɖȷ ɣ ɛɞəŸ (BrO3) | Ƀ Å 072-85 (LC-MS/MS) | ɛg/l | 0.06 | < 10.0 | ɖůȥ ȷ ȥɞȥůŰ ɑɖəůŰ |
| Ʈ ɡŰȥɞȥ ɞŰ (CN) | Ƀ Å 072-69 (UV) | ɛg/l | 3 | < 50.0 | ɖůȥ ȷ ȥɞȥůŰ ɑɖəůŰ |
| ȷ əɣȷ ɞȥ ɞŰ (Cl) | ISO 9297:1989 | mg/l | 1 | < 250.0 | 39.4 |
| ū ɑɡȷ ɞȥ ɞŰ (F) | Ƀ Å 072-75 (UV) | mg/l | 0.06 | < 1.5 | 0.29 |
| ?ȥŸȥ ɞŸ (NO3) | Ƀ Å 072-92 (UV) | mg/l | 0.7 | < 50.0 | 7.6 |
| ?ȥŸȥ ɩ ŭɖ (NO2) | ISO 6777:1984 | mg/l | 0.01 | < 0.5 | ɖůȥ ȷ ȥɞȥůŰ ɑɖəůŰ |
| ȷ ɛɛɩ ɜɞ (NH4) | ISO 7150-1:1984 | mg/l | 0.01 | < 0.5 | ɖůȥ ȷ ȥɞȥůŰ ɑɖəůŰ |
| ŪŰůɞŸ (SO4) | Ƀ Å 072-72 (UV) | mg/l | 1.5 | < 250 | 10 |
| Ƀ əɞəůɡ Ƀ ȷ ɔŬȥ ɞəůɡ ȯ ɜɑȷ Ŭəŭɡ (TOC) | APHA 5310 B | mg/l C | 0.05 | - | 0.35 |
| 1,2 ɖɞɞəɣ ȷ ɞŰɞŸȥɞ (EDC) | Ƀ Å 072-88 (GC-MS) | ɛg/l | 0.05 | < 3.0 | ɖůȥ ȷ ȥɞȥůŰ ɑɖəůŰ |

**Ƀ Ɉ´ Ůȥ ɑɑɜɞɞɞ**
**ȷ ɖɛȿəɞɞ Å ȷ ɔŬůŰɖȷ ɞɞɡ**

**Ʉŭȥ əɞɡ ?ɖůȥŰȥ Ÿəɖɡ**
**DVM, ȷ ɖɛȿəůɡ MSc**

¢ ɞ´ Ůȥ ůɜ ɜ´ ȿůŰȥ´ ɞȿɋŬůəůŰȥ ůȿȥ ȷ ɞɞɜ ɡ´ ɔȷ Ůűɛ əŬəŭůȥ ɜ´ ɞȷ ůɜŰ ŮȥŰ´ Ůȥ ŬɞůŰɞɛȥ ȷ ɡɖŰ Ůɖ ɔŰ´ Ůɛ ɣɔəȷ ȿůɖ Ůɞɡ Ůȥ ɔŰůŰɖȷ ɞɞɡ, ´ Ůȥ Ɣ ɛůɜɞ ůŰ´ əȿȥ ɖ ɛɞȷ űɛ.
¢ ɞ´ Ůȥ ůɜ ɜ´ ȿůŰȥ´ ɞȿɋŬůəůŰ ŭȥ ŭəŭůɖůŰ ůəůȥ ɜ´ ȷ ɖɖɔɞ ɛ Ůȥ Ůȥ ůŭůȥ ůŰůȥ ɜ Ůȥ Ůȥ ɞȥ´ ȷ ɟ ȷ ɟ . Ʉůȥ ůŰ´ ɞȿɋŬůəɞ .
¢ ůŰ´ ɞŰůŰɣůɛŰŰ Ůȥ ɜ Ůȥ ůəůȥ ůȥ ůŰȥ ɣȷ ɞɞɔɞ ůŰŰ ůŰůəůŰŰ´ ɞɡ Ůȥ ůŰȥŸůɖɖȷ əŰȥ. Ƀ əɖɛȿəɣɡ əŰȥɞəůəɜɞ ůɞəɞɞɣɡ ůɞəɞɣɡ ȷ ŰɔɛŰůȥ´ ɞȿɋŬůəůŰȥ ɣŭȥ Ů ůɜɡ ɡ´ ɞəŰŰůŰůɛŰůɡ.
* ɖɞɞəɛ ůəůŰɡ´ Ůɞɞɡ ůȥŰ´ ůŰůɡůɖɟ.

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# [illegible]

[illegible] : 16-0847-001-0515-02
[illegible] : 27/05/2016
[illegible] : 27/5/2016
[illegible] : 2

[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] | [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 | 0.30 |
| [illegible] (CHCl3) | [illegible] 072-88 (GC-MS) | εg/l | 0.04 | - | 0.30 |
| [illegible] (CHBr3) | [illegible] 072-88 (GC-MS) | εg/l | 0.05 | - | [illegible] |
| [illegible] (CHBrCl2) | [illegible] 072-88 (GC-MS) | εg/l | 0.04 | - | [illegible] |
| [illegible] (CHBr2Cl) | [illegible] 072-88 (GC-MS) | εg/l | 0.05 | - | [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]

DVM, [illegible] MSc

[illegible]

* [illegible]

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# [illegible]

[illegible] : **16-0847-001-0515-02**
[illegible] : **27/05/2016**
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[illegible] 102

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

**[illegible]**

1. [illegible]

2. [illegible] 26200515 [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 μg/l & LOQ: 0.022-0.068 μg/l.
(#) [illegible]

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

**[illegible]**
**DVM, [illegible] MSc**

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