

**DATOS GENERALES**

**INFORME Nº:** 686630

**ANÁLISIS Nº:** 841890

**MUESTRA REMITIDA POR:** AQUAGEST LEVANTE, S.A. (ALFAZ DEL PI)

**DOMICILIO:** AVDA.PAIS VALENCIA, 32 EDIF.ARAGON

**POBLACION:** 03580-L'ALFAS DEL PI

**DENOMINACIÓN MUESTRA:** Red Alfaz Pueblo

**DESCRIPCIÓN MUESTRA:** Envase de plástico de 500 mL(1), Envase de plástico estéril de 500 mL(1), Envase de vidrio topacio 250mL (Tiosulfato sodico)(1), Envase de vidrio topacio de 100 mL(1), Tubo estéril 50 ml (NaOH)(1), Tubo estéril de 50 mL(3), Vial de 50 mL (Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>)(2), conteniendo agua potable

**FECHA RECEPCIÓN:** 11/11/2009

**FECHA FINALIZACIÓN Y EMISIÓN:** 24/11/2009

| PARÁMETROS                        | MÉTODOS                                | RD 140/2003 | RESULTADOS  | UNIDADES             |
|-----------------------------------|----------------------------------------|-------------|-------------|----------------------|
| <b>Caracteres organolepticos</b>  |                                        |             |             |                      |
| Color                             | PE-A/0032 Sonda Multiparametrica       | 15          | < 1.0 ±19%  | mg/L Pt/Co           |
| *Olor                             | PE-A/0014 Dilución                     | 3 a 25°C    | 1           | Ind. de dil.         |
| *Sabor                            | PE-A/0015 Dilución                     | 3 a 25 °C   | 1           | Ind. de dil.         |
| Turbidez                          | PE-A/0032 Sonda Multiparametrica       | 5           | 2.73 ±14%   | UNF                  |
| <b>Caracteres Físico-Químicos</b> |                                        |             |             |                      |
| Amonio                            | PE-C/0012 Espectrofotometría absorción | 0.5         | < 0.10 ±12% | mg/L                 |
| Carbono orgánico total            | Combustión IR. PE-F/0001               |             | 0.9 ±15%    | mg/L                 |
| Cianuros totales                  | PE-F/0057. SFA                         | 50          | <5 ±18 %    | µg/L                 |
| Cloro residual combinado          | PE-C/0018 Espectrofotometría absorción | 2           | 0.06 ±17%   | mg/L                 |
| Cloro residual libre              | PE-C/0018 Espectrofotometría absorción | 1.0         | 1.25 ±17%   | mg/L                 |
| Indice de Langelier               | F/0044. Indice de Langelier            |             | 0.91        | --                   |
| Bicarbonatos                      | PE-A/0012 Volumetría                   |             | 189.7 ±12%  | mg/L                 |
| Calcio                            | PE-D/0026 Metales ICP-MS               |             | 67.6 ±12%   | mg/L                 |
| Carbonatos                        | PE-A/0012 Volumetría                   |             | < 5.0 ±12%  | mg/L                 |
| Conductividad a 20°C              | PE-A/0032 Sonda Multiparametrica       | 2500        | 393 ±13%    | µS/cm                |
| pH                                | PE-A/0032 Sonda Multiparametrica       | 6.5-9.5     | 8.3 ±0.1    | U. pH.               |
| *Temperatura                      | PE-A/0016 Termometría                  |             | 23.0        | °C                   |
| Nitritos                          | PE-C/0010 Espectrofotometría absorción | 0.5         | < 0.05 ±13% | mg/L                 |
| Oxidabilidad                      | PE-A/0008 Oxidabilidad Permanganato    | 5.0         | 0.4 ±15%    | mg O <sub>2</sub> /L |

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| <b>Cationes Mayoritarios</b>               |                                  |             |               |          |
| Sodio                                      | PE-D/0026 Metales<br>ICP-MS      | 200         | 12.1 ±12%     | mg/L     |
| <b>Aniones</b>                             |                                  |             |               |          |
| Cloruros                                   | PE-BV/0001<br>HPLC-Conductividad | 250         | 19.7 ±13.0%   | mg/L     |
| Fluoruros                                  | PE-BV/0001<br>HPLC-Conductividad | 1.5         | 0.190 ±12.9%  | mg/L     |
| Nitratos                                   | PE-BV/0001<br>HPLC-Conductividad | 50          | 4.0 ±13.1%    | mg/L     |
| Sulfatos                                   | PE-BV/0001<br>HPLC-Conductividad | 250         | 42.4 ±13.1%   | mg/L     |
| <b>Metales</b>                             |                                  |             |               |          |
| Aluminio                                   | PE-D/0026 Metales<br>ICP-MS      | 200         | 42 ±13%       | µg/L     |
| Antimonio                                  | PE-D/0026 Metales<br>ICP-MS      | 5           | < 2 ±13%      | µg/L     |
| Arsenico                                   | PE-D/0026 Metales<br>ICP-MS      | 10          | < 2 ±12%      | µg/L     |
| Boro                                       | PE-D/0026 Metales<br>ICP-MS      | 1           | 0.019 ±13%    | mg/L     |
| Cadmio                                     | PE-D/0026 Metales<br>ICP-MS      | 5.0         | < 1 ±12%      | µg/L     |
| Cobre                                      | PE-D/0026 Metales<br>ICP-MS      | 2.0         | < 0.002 ±12%  | mg/L     |
| Cromo                                      | PE-D/0026 Metales<br>ICP-MS      | 50          | < 2 ±12%      | µg/L     |
| Hierro                                     | PE-D/0026 Metales<br>ICP-MS      | 200         | 26 ±12%       | µg/L     |
| Manganeso                                  | PE-D/0026 Metales<br>ICP-MS      | 50          | < 2 ±12%      | µg/L     |
| Mercurio                                   | PE-D/0026 Metales<br>ICP-MS      | 1.0         | < 0.20 ±13%   | µg/L     |
| Niquel                                     | PE-D/0026 Metales<br>ICP-MS      | 20          | < 2 ±12%      | µg/L     |
| Plomo                                      | PE-D/0026 Metales<br>ICP-MS      | 25          | < 2 ±12%      | µg/L     |
| Selenio                                    | PE-D/0026 Metales<br>ICP-MS      | 10          | < 2 ±12%      | µg/L     |
| <b>Compuestos orgánicos volátiles</b>      |                                  |             |               |          |
| 1,2-Dicloroetano                           | PE-BV/0012 HRGC-MS               | 3           | < 0.2 ±27.1 % | µg/L     |
| Suma de Tricloroetano y<br>Tetracloroetano | PE-BV/0012 HRGC-MS               | 10          | < 0.4         | µg/L     |
| Tetracloroetano                            | PE-BV/0012 HRGC-MS               |             | < 0.2 ±27.3 % | µg/L     |
| Tricloroetano                              | PE-BV/0012 HRGC-MS               |             | < 0.2 ±27.8 % | µg/L     |

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| <b>Trihalometanos</b>                         |                          |             |               |          |
| Suma de Trihalometanos                        | PE-BV/0012 HRGC-MS       | 100         | 16.5          | µg/L     |
| Bromodichlorometano                           | PE-BV/0012 HRGC-MS       |             | 4.5 ±27.3 %   | µg/L     |
| Bromoformo                                    | PE-BV/0012 HRGC-MS       |             | 2.2 ±27.4 %   | µg/L     |
| Cloroformo                                    | PE-BV/0012 HRGC-MS       |             | 3.7 ±26.8 %   | µg/L     |
| Dibromoclorometano                            | PE-BV/0012 HRGC-MS       |             | 6.1 ±27.7 %   | µg/L     |
| <b>BTEX's</b>                                 |                          |             |               |          |
| Benceno                                       | PE-BV/0012 HRGC-MS       | 1           | < 0.2 ±27.2 % | µg/L     |
| <b>Hidrocarburos aromaticos policiclicos</b>  |                          |             |               |          |
| Benzo-a-pireno                                | PE-BS/0024<br>SBSE-GC-MS | 0.01        | < 0.01 ±32%   | µg/L     |
| Suma de Hidrocarburos Aromáticos Policiclicos | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.10        | µg/L     |
| Benzo-(g,h,i)-perileno                        | PE-BS/0024<br>SBSE-GC-MS |             | < 0.01 ±40%   | µg/L     |
| Benzo-b-fluoranteno                           | PE-BS/0024<br>SBSE-GC-MS |             | < 0.01 ±31%   | µg/L     |
| Benzo-k-fluoranteno                           | PE-BS/0024<br>SBSE-GC-MS |             | < 0.01 ±32%   | µg/L     |
| Indeno-(1,2,3-c,d)-pireno                     | PE-BS/0024<br>SBSE-GC-MS |             | < 0.01 ±37%   | µg/L     |
| <b>Plaguicidas</b>                            |                          |             |               |          |
| Suma de plaguicidas                           | PE-BS/0024<br>SBSE-GC-MS | 0.5         | < 0.50        | µg/L     |
| a-HCH                                         | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±32%   | µg/L     |
| Aldrin                                        | PE-BS/0024<br>SBSE-GC-MS | 0.03        | < 0.01 ±30%   | µg/L     |
| Ametrina                                      | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±30%   | µg/L     |
| Atrazina                                      | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.02 ±31%   | µg/L     |
| b-HCH                                         | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±33%   | µg/L     |
| d-HCH                                         | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.05 ±31%   | µg/L     |
| Diazinón                                      | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±29%   | µg/L     |
| Dieldrin                                      | PE-BS/0024<br>SBSE-GC-MS | 0.03        | < 0.005 ±30%  | µg/L     |
| Endosulfan I                                  | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.05 ±35%   | µg/L     |
| Endosulfan II                                 | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.02 ±31%   | µg/L     |

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| Endosulfan sulfato | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±30%  | µg/L     |
| Endrín             | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.005 ±31% | µg/L     |
| Endrín cetona      | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±32%  | µg/L     |
| Etión              | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±33%  | µg/L     |
| Heptaclor          | PE-BS/0024<br>SBSE-GC-MS | 0.03        | < 0.01 ±31%  | µg/L     |
| Heptaclor epóxido  | PE-BS/0024<br>SBSE-GC-MS | 0.03        | < 0.01 ±30%  | µg/L     |
| Lindano            | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±31%  | µg/L     |
| Metil-paratión     | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.02 ±31%  | µg/L     |
| Metoxiclor         | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±30%  | µg/L     |
| p,p'-DDD           | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±32%  | µg/L     |
| p,p'-DDE           | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±33%  | µg/L     |
| p,p'-DDT           | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±31%  | µg/L     |
| Paratión           | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±29%  | µg/L     |
| Prometrina         | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±30%  | µg/L     |
| Propazina          | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±32%  | µg/L     |
| Simazina           | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.05 ±30%  | µg/L     |
| Terbutilazina      | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.03 ±33%  | µg/L     |
| Terbutrina         | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±30%  | µg/L     |
| Trietazina         | PE-BS/0024<br>SBSE-GC-MS | 0.1         | < 0.01 ±32%  | µg/L     |

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| <b>Caracteres microbiológicos</b> |                                    |             |            |               |
| Bacterias coliformes              | PE-E/0061. Aislamiento en cultivo  | 0           | 0          | u.f.c./100 mL |
| <i>Clostridium perfringens</i>    | Filtr. Membrana. PE-E/0048         | 0           | 0          | u.f.c./100 mL |
| Enterococos                       | PE-E/0013. Aislamiento en cultivo  | 0           | 0          | u.f.c./100 mL |
| <i>Escherichia coli</i>           | PE-E/0061. Aislamiento en cultivo  | 0           | 0          | u.f.c./100 mL |
| Gérmenes totales a 22°C           | PE-E/0021. Aislamiento en cultivo. |             | 0          | u.f.c./mL     |

ALICANTE 24 de Noviembre de 2009



Carol Cortada Cortes  
Técnico Superior



David Apraiz Goyenaga  
Director Técnico

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