

Los ensayos y/o observaciones marcados con * no están amparados por la acreditación de ENAC

INFORME DE ENSAYO

Nº de Registro 24AP00846 **Rev. 1**

Pedido nº: EXP/147/2024

Datos de la muestra

Fecha Toma: 14/02/2024 12:30
Fecha Recepción: 15/02/2024
Tipo de muestra: Agua de consumo. Muestra simple.
Toma de muestra: Cliente*
Descripción: Envases con agua de consumo.
Identificación: COMPLETO ETAP BAJO IREGUA. 14/02/24

Datos del solicitante:

DEPURACIÓN DE AGUAS DEL MEDITERRÁNEO, S.L. (ETAP VIGUERA)
 CTRA. VIGUERA, CAMINO ACCESO (Izquierda Iberplaco)
 26121 VIGUERA
 La Rioja
 B96456553
 Att. Cristina Blanco

Fecha Inicio: 15/02/2024
Fecha Fin: 13/03/2024

| Parámetro | Resultado | Incert. (k=2) | Valor ref. | Ud. | Método |
|---|-----------|---------------|------------|------|----------------------------|
| Trihalometanos (suma mínima) | 28.3 | | 100 | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Dicloroetano, (1,2-) | <0.5 | | 3 | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Tetracloroetano (tetracloroetileno) | <0.5 | | | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Tricloroetano (tricloroetileno) | <0.5 | | | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Cloroformo (Triclorometano) | 23.6 | | | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Benceno | <0.25 | | 1 | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Bromodichlorometano | 4.15 | | | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Cloruro de vinilo | <0.1 | | 0.5 | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Dibromoclorometano | 0.512 | | | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Bromoformo (tribromometano) | <0.5 | | | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Tricloroetano + tetracloroetano (s. mínima) | <0.5 | | 10 | µg/l | PI-LTL-6.253 (P&T, CG-MSD) |
| Acrilamida | <0.025 | | 0.1 | µg/l | PI-LTL-6.197 (HPLC-MS) |
| Bisfenol A | <0.01 | | 2.5 | µg/l | PI-LTL-6.175 (SBSE, CG-MS) |
| Atrazina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Diuron | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Isoproturon | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Simazina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Terbutrina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Terbutilazina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Acetamiprid | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Ametrina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Azinfos etil | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Azinfos metil | <0.05 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Azoxistrobina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Bitertanol | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Bromacilo | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Cadusafos | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Carbendazima | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Carbofurano | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Cianazina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Ciproconazol | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Clortoluron | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Clotianidina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Coumafos | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Demeton | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Desetilatrazina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Desispropilatrastina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Dimetoato | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Dimetomorfo | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Epoxiconazol | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Famfur | <0.05 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |

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|--|-----------|---------------|------------|------|----------------------------|
| Fenamifos | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Fenhexamida | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Fensulfotión | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Fipronil | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Fludioxonilo | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Flusilazol | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Heptenofos | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Hexaconazol | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Imazalil | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Imazametabenzometil | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Imidacloprid | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Iprovalicarb | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Linuron | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Mepanipirim | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Metalaxilo | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Metazacloro | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Metidation | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Metramitron | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Metribuzina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Miclobutanilo | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Nitenpiram | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Ometoato | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Oxadixil | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Pirifenox | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Pirimetanil | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Pirimicarb | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Procloraz | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Prometon | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Prometrina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Propacloro | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Propanil | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Propazina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Propiconazol | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Propizamida | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Secbumeton | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Tebuconazol | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Terbumeton | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Terbumeton desetil | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Terbutilazina desetil | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Tetraconazol | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Tiabendazol | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Tiacloprid | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Tiametoxam | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Triadimefon | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Trietazina | <0.02 | | 0.1 | µg/l | PI-LTL-6.205 (HPLC-MS) |
| Suma plaguicidas (suma mínima)* | <0.05 | | 0.5 | µg/l | Cálculo (suma plaguicidas) |
| Alacloro | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Hydrocarburos Policíclicos Aromáticos (s.mín.) | <0.03 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Antraceno | <0.001 | | | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Clorfenvinfos | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Clorpirifós | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Aldrín | <0.001 | | 0.03 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Dieldrín | <0.001 | | 0.03 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Endrín | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Isodrín | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| DDD (2,4-) | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| DDD (4,4'-)+DDT (2,4'-) | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| DDE (2,4-) | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| DDE (4,4'-) | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| DDT (4,4'-) | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |

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|-------------------------------------|-----------|---------------|------------|------|----------------------------|
| Endosulfan (a+b+sulfato)(suma mín.) | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Endosulfán I | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Endosulfán II | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Endosulfán Sulfato | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fluoranteno | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Hexaclorobenceno | <0.0002 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| HCH (suma mín. isóm. a,b,d,g) | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| HCH, (a-) | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| HCH, (b-) | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| HCH, (d-) | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| HCH, (g-) (Lindano) | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Naftaleno | <0.03 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Pentaclorobenceno | <0.0002 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Benzo(a)pireno | <0.0001 | 0.01 | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Benzo(b)fluoranteno | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Benzo(ghi)perileno | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Benzo(k)fluoranteno | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Indeno(1,2,3-c,d)pireno | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Triclorobenceno (suma mín.) | <0.05 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Triclorobenceno (1,2,3-) | <0.05 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Triclorobenceno (1,2,4) | <0.05 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Triclorobenceno (1,3,5) | <0.05 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Trifluralina | <0.0002 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Dicofol | <0.0002 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Quinoxifen | <0.0002 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Aclonifeno | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Bifenox | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Cibutrina | <0.0002 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Cipermetrina | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Diclorvos | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Heptacloro epóxido | <0.001 | 0.03 | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Heptacloro | <0.001 | 0.03 | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Metolacloro | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Acrinatrina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Benalaxil | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Benfluralina | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Bifentrina | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Bromopropilato | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Buprofecina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Carbofenotio | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Ciflutrina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Clodinafop propagil | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Clordano cis | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Clordano trans | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Clorprofam | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Clortal dimetil | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| DDT (suma isómeros/metabolitos) | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Deltametrina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Diflufenican | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Endosulfan eter | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Esfenvalerato | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Etofenprox | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Etofumesato | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Etoprofós | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fempropatrina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fenarimol | <0.03 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fenazaquin | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fenitrotion | <0.03 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fenotrina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fention | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |

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|--|-----------|---------------|------------|------|----------------------------|
| Fenvalerato | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Flucitrinato | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Hexaclorobutadieno | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Isofenfos metil | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Kresoxim metil | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Lambda-cihalotrina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Mirex | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Nuarimol | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Ortofenilfenol | <0.03 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Oxadiazon | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Oxifluorfen | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Acenafteno | <0.01 | | | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Acenaftileno | <0.01 | | | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Benzo(a)antraceno | <0.0005 | | | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Criseno | <0.001 | | | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Dibenzo(a,h)antraceno | <0.0005 | | | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fenantreno | <0.01 | | | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fluoreno | <0.01 | | | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Pireno | <0.01 | | | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Pendimetalina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Permetrina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Piperonil butóxido | <0.03 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Pirazofos | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Piridaben | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Pirimifos etil | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Pirimifos metil | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Piriproxifen | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Diazinón | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Disulfotón | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Endrín Cetona | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Etión | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Fonofos | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Malatión | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Metil Clorpirifos | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Metil Paratión | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Metoxicloro | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Molinato | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Paratión | <0.0005 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Procimidona | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Protiofos | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Quizalofop etil | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Quinalfos | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Quinometionato | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Sulprofos | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Tebufenpirad | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Tetradifón | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Tetrametrina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Tolclofos metil | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Triallate | <0.001 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Tricloronato | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Vinclozolina | <0.01 | | 0.1 | µg/l | PI-LTL-6.192 (SBSE, CG-MS) |
| Epiclorhidrina* | <0.03 | | 0.1 | µg/l | PI-LTL-6.198 (CG-MS) |
| PFAS (suma) | <0.030 | | 0.1 | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorobutanoico (PFBA) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorobutano sulfónico (PFBS) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorodecanoico (PFDA) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorododecanoico (PFDoDA) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorodecano sulfónico (PFDS) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |

Los ensayos y/o observaciones marcados con * no están amparados por la acreditación de ENAC

INFORME DE ENSAYO

Nº de Registro 24AP00846 Rev. 1

Identificación: COMPLETO ETAP BAJO IREGUA. 14/02/24

| Parámetro | Resultado | Incert. (k=2) | Valor ref. | Ud. | Método |
|--|---|---------------|---------------|-----------|-------------------------------------|
| Ácido perfluoroheptanioco (PFHpA) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluoroheptano sulfónico (PFHpS) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorohexanoico (PFHxA) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorohexano sulfónico (PFHxS) | <0.030 | | 0.07 | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorononanoico (PFNA) | <0.030 | | 0.07 | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorooctanoico (PFOA) | <0.030 | | 0.07 | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorooctanosulfónico (PFOS) | <0.030 | | 0.07 | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluoropentanoico (PFPeA) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluorotridecanoico (PFTrDA) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido perfluoroundecanoico (PFUnDA) | <0.030 | | | µg/l | PI-LTL-6.268 (HPLC-MS) |
| Ácido bromoacético | <10 | | | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Ácido bromocloroacético | <5 | | | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Ácido bromodicloroacético | <5 | | | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Acido cloroacético | <10 | | | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Ácido clorodibromoacético | <5 | | | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Acido dibromoacético | <5 | | | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Acido dicloroacético | 14.9 | | | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Ácido tribromoacético | <10 | | | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Acido tricloroacético | 18.5 | | | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Ácidos haloacéticos (suma 5 AHA RD 3/2023) | 33.4 | 17 % | 60 | µg/l | PI-LTL-6.237 (HPLC-MS) |
| Amonio (NH4) | <0.02 | | 0.5 | mg/l | PI-LTL-6.005 (Abs. molecular) |
| Bromato | <2.5 | | 10 | µg/l | PI-LTL-6.201 (Cromatografía iónica) |
| Cloro residual combinado | 0.08 | | 2 | mg/l | PI-LTL-6.013 (Abs. molecular) |
| Cloro residual libre | 0.55 | 4 % | 1 | mg/l | PI-LTL-6.013 (Abs. molecular) |
| Cloro residual total | 0.63 | | 2 | mg/l | PI-LTL-6.013 (Abs. molecular) |
| Cloruros | 20.0 | | 250 | mg/l | PI-LTL-6.191 (Cromatografía iónica) |
| Color (real-filtrado) | <5 | | 15 | mg PtCo/l | PI-LTL-6.018 (fotometría) |
| Conductividad a 20°C | 358 | | 2500 | µS/cm | SM 2510-B Ed. 23 (Electrometría) |
| Fluoruros | 0.0882 | | 1.5 | mg/l | PI-LTL-6.191 (Cromatografía iónica) |
| Índice Langelier | 0.11 | | | | PI-LTL-6.003 (cálculo) |
| Clasificación Índice Langelier | Formación leve de incrustaciones y corrosiva. | | | | PI-LTL-6.003 (cálculo) |
| Nitratos (NO3) | 1.84 | | 50 | mg/l | PI-LTL-6.191 (Cromatografía iónica) |
| Olor* | 1 | | 3 | I.D. | PI-LTL-6.039 (Índice dilución) |
| pH | 7.8 | | > 6.5 y < 9.5 | u pH | SM 4500-H Ed. 23 (Electrometría) |
| Sabor* | 2 | 30 % | 3 | I.D. | PI-LTL-6.044 (Índice dilución) |
| Sulfatos | 49.3 | | 250 | mg/l | PI-LTL-6.191 (Cromatografía iónica) |
| Carbono orgánico total (NPOC) | 1.82 | | | mg/l | PI-LTL-6.137 (Comb., IR) |
| Turbidez | <0.3 | | 4 | UNF | PI-LTL-6.052 (Nefelometría) |
| Cianuro total | <5 | | 50 | µg/l | PI-LTL-6.215 (SFA) |
| Clorato | 0.111 | | 0.70 | mg/l | PI-LTL-6.260 (Cromatografía iónica) |
| Clorito | <0.05 | | 0.70 | mg/l | PI-LTL-6.260 (Cromatografía iónica) |
| Nitritos (NO2) | 0.0354 | | 0.5 | mg/l | PI-LTL-6.191 (Cromatografía iónica) |
| Aluminio disuelto | 41.9 | | 200 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Arsénico disuelto | 0.352 | | 10 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Boro disuelto | 0.00949 | | 1.5 | mg/l | PI-LTL-6.223 (ICP-MS) |
| Cadmio disuelto | <0.02 | | 5 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Cromo disuelto | <1 | | 25 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Cobre disuelto | <0.001 | | 2 | mg/l | PI-LTL-6.223 (ICP-MS) |
| Hierro disuelto | <5 | | 200 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Mercurio disuelto | <0.020 | | 1 | µg/l | PI-LTL-6.255 (AA) |
| Manganeso disuelto | <1 | | 50 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Sodio disuelto | 15.0 | | 200 | mg/l | PI-LTL-6.223 (ICP-MS) |
| Níquel disuelto | <1 | | 20 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Plomo disuelto | <0.1 | | 10 | µg/l | PI-LTL-6.223 (ICP-MS) |

Los ensayos y/o observaciones marcados con * no están amparados por la acreditación de ENAC

INFORME DE ENSAYO

Nº de Registro 24AP00846 Rev. 1

Identificación: COMPLETO ETAP BAJO IREGUA. 14/02/24

| Parámetro | Resultado | Incert. (k=2) | Valor ref. | Ud. | Método |
|---|----------------------|---------------|------------|------------|--|
| Antimonio disuelto | <0.1 | | 10 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Selenio disuelto | 0.130 | | 20 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Uranio disuelto | <1 | | 30 | µg/l | PI-LTL-6.223 (ICP-MS) |
| Clostridium perfringens (rcto, incl. esporas) | 0 | | 0 | ufc/100 ml | UNE-EN-ISO 14189:2017 |
| Coliformes totales (recuento) | 0 | | 0 | ufc/100 ml | UNE-EN-ISO 9308-1:2014/A1:2017 |
| Colifagos somáticos (recuento) | 0 (LD=5) | | 0 | ufp/100 ml | UNE-EN ISO 10705-2:2002 |
| Escherichia coli (recuento) | 0 | | 0 | ufc/100 ml | UNE-EN-ISO 9308-1:2014/A1:2017 |
| Enterococos intestinales (rcto.) | 0 | | 0 | ufc/100 ml | UNE-EN ISO 7899-2:2001 ERRATUM:2010 |
| Microorg. cultivables 22°C (rcto.) | No detectado (LD: 1) | | 100 | ufc/ ml | UNE-EN ISO 6222:1999 (profund., YEA, 64-72h) |

Microbiología: (p) recuentos en placa de 1-2 ufc sólo implican detección; (e) 3-9 ufc, son recuentos estimados.

Observaciones:

Documento firmado electrónicamente (verificable mediante el certificado raíz de la FNMT). Las impresiones en papel se consideran copias. Este informe afecta sólo a la muestra sometida a ensayo. El informe no debe reproducirse parcialmente sin la aprobación por escrito de Laboratorios Tecnológicos de Levante, SL. Las incertidumbres de las medidas están calculadas y a disposición del cliente.

Declinamos la responsabilidad por la información aportada por el cliente. En el caso de muestras tomadas por el cliente, este suministra estos datos (no cubiertos por el alcance de acreditación ENAC): fecha/hora de toma, tipo de muestra e identificación.

La presente revisión anula las anteriores. (anula el informe 24AP00846 rev. 0; corrección del resultado de suma de ácidos haloacéticos). *Datos facilitados por el cliente: Tª: 9.4°C, Ph: 7.54, Cloro: 0.92, Turbidez: 0.27.-

Los valores de referencia han sido establecidos según la siguiente normativa (los resultados marcados con # no cumplen los valores paramétricos indicados):

RD 3/2023, criterios técnico-sanitarios de la calidad del agua de consumo, su control y suministro (y modificaciones posteriores) -red de distribución-. Se deberán cumplir los valores paramétricos de los nuevos parámetros del anexo I, parte B: Bisfenol a, clorito y clorato, suma ácidos haloacéticos, suma PFAS y uranio, no más tarde del 2 de enero de 2025. La incertidumbre de medida no se aplica como tolerancia adicional respecto a los valores paramétricos.-



Fdo.: Eduardo Gimeno
Director Técnico Laboratorio

Paterna, a 10/04/2024

Empresa registrada por AENOR, certificado ISO 9001 ER-0185/1999.
Sistema de Gestión Medioambiental certificado por AENOR nº cert. ISO 14001 GA-2001/0207.
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