

Análisis de agua para consumo - CEPROCOR

POZO Nº 14

| FECHA                                    | may-10        | jun-08        | jun-07           |            |                    |           | LEGISLACION REFERENTE           |                                   |  |                     |
|--|---------------|---------------|------------------|------------|--------------------|-----------|---------------------------------|-----------------------------------|--|---------------------|
| PARAMETRO                                | R             | R             | R                | Unidades   | LIMITE             | Unidades  | LIMITE según Código Alimentario | LIMITE según Res. 608/93 ex Dipas | LIMITE según Res. 174/16 de S.R.H.YC. mg/l <sub>-1</sub> | Adecuación a 5 años |
| <b>Físico - químicos</b>                 |               |               |                  |            |                    |           |                                 |                                   |  |                     |
| Alcalinidad de bicarbonatos              | 104           | 96.7          | 96               | mg/l       |                    | mg/L      |                                 |                                   |  |                     |
| Alcalinidad de carbonatos                | n/d           | n/d           | n/d              | mg/l       |                    | mg/L      |                                 |                                   |  |                     |
| Alcalinidad Total                        | 104           | 96.7          | 96               | mg/l       |                    | mg/L      |                                 |                                   | N.E.   |                     |
| Amoníaco                                 | <0.2          |               | <0.1             | mg/l       | 0.20 mg/l          | mg/L      | 0.20 mg/l                       |                                   |  |                     |
| Cloro Libre                              | n/d           | n/d           | n/d              | mg/l       |                    | mg/L      |                                 |                                   |  |                     |
| Cloruros                                 | 16            | 16.7          | 14.4             | mg/l       | 350 mg/l           | mg/L      | 350 mg/l                        | 400 mg/l                          | 400  | 350                 |
| Color                                    | <5            | <5            | <5               | UC         | 5 UC               | UC        | 5 UC                            | 15 UC                             | 15   | 10                  |
| Conductividad                            | 320           | 346           | 341              | uS/cm      |                    | uS/cm     |                                 |                                   | N.E.   |                     |
| Cromo hexavalente                        | <0.054        | <0.54         | <0.054           | mg/l       | <0,05mg/l          | mg/L      |                                 | <0,05mg/l                         | 0.05   |                     |
| Detergentes aniónicos                    |               |               |                  |            |                    | mg/L      |                                 |                                   | 0.2  |                     |
| Dureza Total (en Co3Ca)                  | 150           | 92            | 105              | mg/l       | 400 mg/l           | mg/L      | 400 mg/l                        | 500 mg/l                          | 500  | 400                 |
| Fluoruros                                | 0.3           | 0.37          | 0.39             | mg/l       | 1.2 mg/l           | mg/L      | 1.2 mg/l                        | 1 mg/l                            | 1.7  | 1.5                 |
| Nitrato                                  | 6.1           | 6.2           | 0.39             | mg/l       | 45 mg/l            | mg/L      | 45 mg/l                         | <45 mg/l                          | 45   |                     |
| <b>Nitrato +Nitrito (NO3)</b>            |               |               |                  |            |                    |           |                                 |                                   | 45   |                     |
| Nitrito                                  | <0,08         | <0,08         | <0,08            | mg/l       | 0.10 mg/l          | mg/L      | 0.10 mg/l                       | <0.10 mg/l                        | 0.1  |                     |
| pH                                       | 7.8           | 7.5           | 7.7              |            | 6.5 - 8.5          |           | 6.5 - 8.5                       | 6.5 - 8.5                         | 6.5 - 8.5  |                     |
| Sólidos disueltos totales                | 225           | 248*          | 244*             | mg/l       | 1500 mg/l          | mg/L      | 1500 mg/l                       | 2000 mg/l                         | 2000   | 1500                |
| Sulfatos                                 | 40            | 52            | 47               | mg/l       | 400 mg/l           | mg/L      | 400 mg/l                        | 400 mg/l                          | 400  |                     |
| Turbiedad                                | 0.18          | 0.24          | <0.12            |            | 3 NTU              | NTU       | 3 UNT                           | 2 UNT                             | 2  |                     |
| <b>METALES</b>                           |               |               |                  |            |                    |           |                                 |                                   |  |                     |
| Amonio                                   |               |               |                  |            |                    |           |                                 |                                   |  |                     |
| Calcio                                   |               |               |                  |            |                    | mg/l      |                                 |                                   |  |                     |
| Litio                                    |               |               |                  |            |                    | mg/l      |                                 |                                   |  |                     |
| Magnesio                                 |               |               |                  |            |                    | mg/l      |                                 |                                   |  |                     |
| Potasio                                  |               |               |                  |            |                    | mg/l      |                                 |                                   |  |                     |
| Sodio                                    |               |               |                  |            |                    | mg/l      |                                 |                                   |  |                     |
| <b>METALES PESADOS</b>                   |               |               |                  |            |                    |           |                                 |                                   |  |                     |
| Arsénico                                 | No detectable | 0.026         | 0.0022           | mg/l       | 0.01 mg/l          | mg/L      | 0.01 mg/l                       | <0.10 mg/l                        | prov.0.05  |                     |
| Mercurio                                 | No detectable | no detectable | no detectable    | mg/l       | 0.001 mg/l         | mg/L      | 0.001 mg/l                      | <0.001 mg/l                       | 0.0001   |                     |
| Plomo                                    | 0.0005        | no detectable | no cuantificable | mg/l       | 0.05 mg/l          | mg/L      | 0.05 mg/l                       | <0.050 mg/l                       | 0.01   |                     |
| <b>Bacteriológico</b>                    |               |               |                  |            |                    |           |                                 |                                   |  |                     |
| Determinación de Pseudomonas aureaginosa | <1.8          | <1,8          | <1.8             | NMP/100 ml | Ausencia en 100 ml | NMP/100ML | Ausencia en 100 ml              | <2 NMP/100 ml                     | 0/100 ml   |                     |