

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: PAIÁGUA

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfectante residual                         | ---                         | mg Cl <sub>2</sub> /L  | 0,89   | 0,89   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercurio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodiclorometano                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromoclorometano                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D.\_Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA : CASAL SERRA

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfetante residual                          | ---                         | mg Cl2/L               | 0,74   | 0,74   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercúrio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodichlorometano                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromodichlorometano                          | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D. Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: INGARNAL

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfectante residual                         | ---                         | mg Cl2/L               | 0,98   | 0,98   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercúrio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodiodorometano                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromoclorometano                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D.\_Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: PISCO/S VICENTE BEIRA

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo           | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|------------------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0                | 0                              | 100                   | 3                      | 3                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0                | 0                              | 100                   | 3                      | 3                       | 100%                  |
| Desinfetante residual                          | ---                         | mg Cl2/L               | 0,70   | 1,19             | ---                            | ---                   | 3                      | 3                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | <1     | <1               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | <1     | <1               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| pH   | ≥6,5 e ≤9,5                 | E. Sorensen            | 7,3    | 7,3              | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Condutividade                                  | 2500                        | µS/cm, a 20 °C         | 178    | 178              | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Cor  | 20                          | mg PtCo/L              | <5     | <5               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Turvação                                       | 4                           | UNT                    | <0,20  | <0,20            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Enterococos fecais                             | 0                           | N/100ml                | 0      | 0                | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Número de colónias a 22 °C                     | s/ alter. anormal           | N/ml a 22°C            | N.D.   | N.D.             | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Número de colónias a 36 °C                     | s/ alter. anormal           | N/ml a 36°C            | N.D.   | N.D.             | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Clostridium perfringens                        | 0                           | N/100ml                | 0      | 0                | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Alumínio                                       | 200                         | µg Al/L                | 28     | 28               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio*                                     | 5,0                         | µg/l Sb                | ---    | <0,50            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Arsénio*                                       | 10                          | µg/l As                | ---    | 0,99             | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Benzeno*                                       | 1,0                         | µg/l                   | ---    | <0,30            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro*  | 1,0                         | mg/l B                 | ---    | <0,020           | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bromato*                                       | 10                          | µg/l BrO <sub>3</sub>  | ---    | <3,00            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Cádmio*  | 5,0                         | µg/l Cd                | ---    | <0,50            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos*                                      | 50                          | µg/l CN                | ---    | <5,00            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Cloreto*                                       | 250                         | mg/l Cl                | ---    | 19,0             | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano*                              | 3,0                         | µg/l                   | ---    | <0,10            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg Fe/L                | 36     | 36               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Fluoreto*                                      | 1,5                         | mg/l F                 | ---    | <0,1             | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg Mn/L                | <10    | <10              | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Nitrato*                                       | 50                          | mg/l NO <sub>3</sub>   | ---    | <1,00            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercúrio*                                      | 1,0                         | µg/l Hg                | ---    | <0,200           | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Níquel   | 20                          | µg/l Ni                | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg O2/L                | <1,0   | <1,0             | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Pesticidas Totais*                             | 0,50                        | µg/l                   | ---    | < maior dos L.Q. | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Clorpirifos*                                   | 0,10                        | µg/l                   | ---    | <0,030           | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desetilterbutilazina*                          | 0,10                        | µg/l                   | ---    | <0,030           | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Dimetoato*                                     | 0,10                        | µg/l                   | ---    | <0,030           | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Diurão*  | 0,10                        | µg/l                   | ---    | <0,030           | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Imidaclopride*                                 | 0,10                        | µg/l                   | ---    | <0,030           | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Ometoato*                                      | 0,10                        | µg/l                   | ---    | <0,030           | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Terbutilazina*                                 | 0,10                        | µg/l                   | ---    | <0,030           | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Selénio*                                       | 10                          | µg/l Se                | ---    | <2,00            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Sódio*   | 200                         | mg/l Na                | ---    | 8,7              | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Sulfato*                                       | 250                         | mg/l SO <sub>4</sub>   | ---    | <10,0            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Tetracloroetano e Tricloroetano:*              | 10                          | µg/l                   | ---    | <1,0             | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Tetracloroetano*                               | ---                         | µg/l                   | ---    | <0,10            | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Tricloroetano*                                 | ---                         | µg/l                   | ---    | <1,0             | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodichlorometano                            | ---                         | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromochlorometano                            | ---                         | µg/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total*                         | 0,10                        | mSv                    | ---    | <0,1             | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Alfa-total*                                    | 0,10 (Nível de verificação) | Bq/l                   | ---    | <0,025           | ---                            | ---                   | 1                      | 1                       | 100%                  |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---              | ---                            | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D. - Não Detectado

\* Parâmetros conservativos analisados pela Entidade Gestora em Alta

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: ROCHAS CIMA 1

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfetante residual                          | ---                         | mg Cl <sub>2</sub> /L  | 1,15   | 1,15   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercurio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodiclorometano                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromoclorometano                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D.\_Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: SANTA ÁGUEDA

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades          | Mínimo            | Máximo            | N.º Análises Superiores ao V.P. | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|-------------------|-------------------|-------------------|---------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml           | 0                 | 0                 | 0                               | 100                   | 34                     | 34                      | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml           | 0                 | 0                 | 0                               | 100                   | 34                     | 34                      | 100%                  |
| Desinfectante residual                         | ---                         | mg Cl2/L          | 0,30              | 1,77              | ---                             | ---                   | 34                     | 34                      | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição | <1                | <1                | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Sabor a 25 °C                                  | 3                           | Fator de diluição | <1                | <1                | 0                               | 100                   | 11                     | 11                      | 100%                  |
| pH   | ≥6,5 e ≤9,5                 | E. Sorensen       | 7,4               | 7,8               | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Condutividade                                  | 2500                        | µS/cm, a 20 °C    | 215               | 250               | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Cor  | 20                          | mg PtCo/L         | <5                | <5                | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Turvação                                       | 4                           | UNT               | <0,20             | 0,57              | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Enterococos fecais                             | 0                           | N/100ml           | 0                 | 0                 | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Número de colónias a 22 °C                     | s/ alter. anormal           | N/ml a 22°C       | N.D.              | N.D.              | ---                             | ---                   | 11                     | 11                      | 100%                  |
| Número de colónias a 36 °C                     | s/ alter. anormal           | N/ml a 36°C       | N.D.              | N.D.              | ---                             | ---                   | 11                     | 11                      | 100%                  |
| Clostridium perfringens                        | 0                           | N/100ml           | 0                 | 0                 | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Alumínio                                       | 200                         | µg Al/L           | 25                | 58                | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Amónio   | 0,50                        | mg NH4/L          | <0,050            | <0,050            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Antimónio*                                     | 5,0                         | µg/l Sb           | ---               | <0,50             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Arsénio*                                       | 10                          | µg/l As           | ---               | 0,85              | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Benzeno*                                       | 1,0                         | µg/l              | ---               | <0,30             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Benzo(a)pireno                                 | 0,010                       | µg/L              | <0,002            | <0,002            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Boro*  | 1,0                         | mg/l B            | ---               | <0,020            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Bromato*                                       | 10                          | µg/l BrO3         | ---               | <3,00             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Cádmio*  | 5,0                         | µg/l Cd           | ---               | <0,50             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Cálcio   | ---                         | mg Ca/L           | 37                | 37                | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Carbono Orgânico Total                         | s/ alter. anormal           | mg C/L            | 3,5               | 3,5               | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Cianetos*                                      | 50                          | µg/l CN           | ---               | <5,00             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Cloreto*                                       | 250                         | mg/l Cl           | ---               | 22,4              | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Clorito  | 0,7                         | mg/l ClO2         | ---               | ---               | ---                             | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO3         | ---               | ---               | ---                             | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg Pb/L           | <3,0              | <3,0              | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Cobre  | 2,0                         | mg Cu/L           | <0,010            | <0,010            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Crómio   | 50                          | µg Cr/L           | <5,0              | <5,0              | 0                               | 100                   | 1                      | 1                       | 100%                  |
| 1,2-Dicloroetano*                              | 3,0                         | µg/l              | ---               | <0,10             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Dureza Total                                   | ---                         | mg CaCO3/L        | 99                | 99                | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Ferro  | 200                         | µg Fe/L           | <10               | 37                | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Fluoreto*                                      | 1,5                         | mg/l F            | ---               | <0,100            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/L              | <0,005 (Maior LQ) | <0,005 (Maior LQ) | 0                               | 100                   | 1                      | 1                       | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/L              | <0,005            | <0,005            | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Benzo(k)fluoranteno                            | ---                         | µg/L              | <0,002            | <0,002            | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Benzo(ghi)perileno                             | ---                         | µg/L              | <0,004            | <0,004            | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/L              | <0,004            | <0,004            | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Magnésio                                       | ---                         | mg Mg/L           | 1,5               | 1,5               | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Manganês                                       | 50                          | µg Mn/L           | <10               | <10               | 0                               | 100                   | 11                     | 11                      | 100%                  |
| Nitrato*                                       | 50                          | mg/l NO3          | ---               | <1,00             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Nitrito  | 0,50                        | mg NO2/L          | <0,020            | <0,020            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Mercúrio*                                      | 1,0                         | µg/l Hg           | ---               | <0,200            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Níquel   | 20                          | µg Ni/L           | <5,0              | <5,0              | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Oxidabilidade                                  | 5,0                         | mg O2/L           | 1,0               | 1,4               | 0                               | 100                   | 10                     | 10                      | 100%                  |
| Pesticidas Totais*                             | 0,50                        | µg/l              | ---               | < maior dos L.Q.  | 0                               | 100                   | 2                      | 2                       | 100%                  |
| Clorpirifos*                                   | 0,10                        | µg/l              | ---               | <0,030            | 0                               | 100                   | 2                      | 2                       | 100%                  |
| Desetilterbutilazina*                          | 0,10                        | µg/l              | ---               | <0,030            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Dimetoato*                                     | 0,10                        | µg/l              | ---               | <0,030            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Durão*   | 0,10                        | µg/l              | ---               | <0,030            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Imidaclopride*                                 | 0,10                        | µg/l              | ---               | <0,030            | 0                               | 100                   | 2                      | 2                       | 100%                  |
| Ometoato*                                      | 0,10                        | µg/l              | ---               | <0,030            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Terbutilazina*                                 | 0,10                        | µg/l              | ---               | <0,030            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Selénio*                                       | 10                          | µg/l Se           | ---               | <2,00             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Sódio*   | 200                         | mg/l Na           | ---               | 9,0               | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Sulfato*                                       | 250                         | mg/l SO4          | ---               | <10,0             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Tetracloroetano e Tricloroetano*               | 10                          | µg/l              | ---               | <1,0              | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Tetracloroetano*                               | ---                         | µg/l              | ---               | <0,10             | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Tricloroetano*                                 | ---                         | µg/l              | ---               | <1,0              | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Trihalometanos - total (THM):                  | 100                         | µg/L              | 48                | 48                | 0                               | 100                   | 1                      | 1                       | ---                   |
| Clorofórmio                                    | ---                         | µg/L              | 43                | 43                | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Bromofórmio                                    | ---                         | µg/L              | <3                | <3                | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Bromodiorometano                               | ---                         | µg/L              | 5                 | 5                 | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Dibromoclorometano                             | ---                         | µg/L              | <3                | <3                | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Dose Indicativa Total*                         | 0,10                        | mSv               | ---               | <0,1              | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Alfa-total*                                    | 0,10 (Nível de verificação) | Bq/l              | ---               | <0,025            | ---                             | ---                   | 1                      | 1                       | 100%                  |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l              | ---               | ---               | ---                             | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l              | ---               | ---               | ---                             | ---                   | ---                    | ---                     | ---                   |

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

Notas:

L.Q. - Limite de Quantificação

N.D.\_Não Detectado

\* Parâmetros conservativos analisados pela Entidade Gestora em Alta

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: ALMACEDA

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfecante residual                          | ---                         | mg Cl <sub>2</sub> /L  | 0,96   | 0,96   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercúrio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodichlorometano                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromodichlorometano                          | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

Notas:

L.Q. - Limite de Quantificação

N.D. Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: LISGA

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades          | Mínimo            | Máximo            | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|-------------------|-------------------|-------------------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml           | 0                 | 0                 | 0                              | 100                   | 2                      | 2                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml           | 0                 | 0                 | 0                              | 100                   | 2                      | 2                       | 100%                  |
| Desinfetante residual                          | ---                         | mg Cl2/L          | 0,64              | 1,40              | ---                            | ---                   | 2                      | 2                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição | <1                | <1                | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Sabor a 25 °C                                  | 3                           | Fator de diluição | <1                | <1                | 0                              | 100                   | 1                      | 1                       | 100%                  |
| pH   | ≥6,5 e ≤9,5                 | E. Sorensen       | 6,9               | 6,9               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Condutividade                                  | 2500                        | µS/cm, a 20 °C    | 127               | 127               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Cor  | 20                          | mg PtCo/L         | <5                | <5                | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Turvação                                       | 4                           | UNT               | 0,21              | 0,21              | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Enterococos fecais                             | 0                           | N/100ml           | 0                 | 0                 | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Número de colónias a 22 °C                     | s/ alter. anormal           | N/ml a 22°C       | N.D.              | N.D.              | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Número de colónias a 36 °C                     | s/ alter. anormal           | N/ml a 36°C       | N.D.              | N.D.              | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Clostridium perfringens                        | 0                           | N/100ml           | 0                 | 0                 | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Alumínio                                       | 200                         | µg Al/L           | <20               | <20               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Amónio   | 0,50                        | mg NH4/L          | <0,050            | <0,050            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Antimónio                                      | 5,0                         | µg/l Sb           | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As           | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l              | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/L              | <0,002            | <0,002            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Boro   | 1,0                         | mg/l B            | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO3         | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd           | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg Ca/L           | 15                | 15                | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Carbono Orgânico Total                         | ---                         | mg/l C            | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN           | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl           | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO2         | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO3         | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg Pb/L           | <3                | <3                | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Cobre  | 2,0                         | mg Cu/L           | <0,010            | <0,010            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Crómio   | 50                          | µg Cr/L           | <5                | <5                | 0                              | 100                   | 1                      | 1                       | 100%                  |
| 1,2-Dicloroetano                               | 3,0                         | µg/l              | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg CaCO3/L        | 49                | 49                | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Ferro  | 200                         | µg Fe/L           | <10               | <10               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Fluoreto                                       | 1,5                         | mg/l F            | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/L              | <0,005 (Maior LQ) | <0,005 (Maior LQ) | 0                              | 100                   | 1                      | 1                       | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/L              | <0,005            | <0,005            | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Benzo(k)fluoranteno                            | ---                         | µg/L              | <0,002            | <0,002            | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Benzo(ghi)perileno                             | ---                         | µg/L              | <0,004            | <0,004            | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/L              | <0,004            | <0,004            | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Magnésio                                       | ---                         | mg Mg/L           | 2,6               | 2,6               | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Manganês                                       | 50                          | µg Mn/L           | <10               | <10               | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Nitrato  | 50                          | mg/l NO3          | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg NO2/L          | <0,020            | <0,020            | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Mercúrio                                       | 1,0                         | µg/l Hg           | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg Ni/L           | <5                | <5                | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Oxidabilidade                                  | 5,0                         | mg O2/L           | <1,0              | <1,0              | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Pesticidas Totais                              | 0,50                        | µg/l              | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se           | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na           | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO4          | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l              | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l              | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l              | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100                         | µg/L              | <3 (maior LQ)     | <3 (maior LQ)     | 0                              | 100                   | 1                      | 1                       | ---                   |
| Clorofórmio                                    | ---                         | µg/L              | <3                | <3                | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Bromofórmio                                    | ---                         | µg/L              | <3                | <3                | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Bromodiolclorometano                           | ---                         | µg/L              | <3                | <3                | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Dibromoclorometano                             | ---                         | µg/L              | <3                | <3                | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Dose Indicativa Total                          | 0,10                        | mSv               | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l              | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l              | ---               | ---               | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/L              | 13,9              | 13,9              | 0                              | 100                   | 1                      | 1                       | 100%                  |

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

Notas:

L.Q. - Limite de Quantificação

N.D.\_Não Detectado



Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: MARTIM BRANCO

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfecante residual                          | ---                         | mg Cl <sub>2</sub> /L  | 0,88   | 0,88   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercúrio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodiclorometano                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromodiclorometano                           | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D. \_ Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: MONFORTE DA BEIRA

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo           | N.º Análises Superiores ao V.P. | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|------------------|---------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0                | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0                | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Desinfetante residual                          | ---                         | mg Cl <sub>2</sub> /L  | 1,00   | 1,00             | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Antimónio*                                     | 5,0                         | µg/l Sb                | ---    | <0,50            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Arsénio*                                       | 10                          | µg/l As                | ---    | <0,50            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Benzeno*                                       | 1,0                         | µg/l                   | ---    | <0,30            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | -                | ---                             | ---                   | ---                    | ---                     | ---                   |
| Boro*  | 1,0                         | mg/l B                 | ---    | <0,020           | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Bromato*                                       | 10                          | µg/l BrO <sub>3</sub>  | ---    | <3,00            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Cádmio*  | 5,0                         | µg/l Cd                | ---    | <0,50            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Cianetos*                                      | 50                          | µg/l CN                | ---    | <5,00            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Cloreto*                                       | 250                         | mg/l Cl                | ---    | 11,3             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano*                              | 3,0                         | µg/l                   | ---    | <0,10            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Fluoreto*                                      | 1,5                         | mg/l F                 | ---    | <0,1             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Nitrato*                                       | 50                          | mg/l NO <sub>3</sub>   | ---    | 5,38             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Mercúrio*                                      | 1,0                         | µg/l Hg                | ---    | <0,200           | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Níquel   | 20                          | µg/l Ni                | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais*                             | 0,50                        | µg/l                   | ---    | < maior dos L.Q. | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Imidaclopride*                                 | 0,10                        | µg/l                   | ---    | <0,030           | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Selénio*                                       | 10                          | µg/l Se                | ---    | <2,00            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Sódio*   | 200                         | mg/l Na                | ---    | 48,5             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Sulfato*                                       | 250                         | mg/l SO <sub>4</sub>   | ---    | <10,0            | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Tetracloroetano e Tricloroetano:*              | 10                          | µg/l                   | ---    | <1,0             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Tetracloroetano*                               | ---                         | µg/l                   | ---    | <0,10            | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Tricloroetano*                                 | ---                         | µg/l                   | ---    | <1,0             | ---                             | ---                   | 1                      | 1                       | 100%                  |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Bromodiclorometano                             | ---                         | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Dibromoclorometano                             | ---                         | µg/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total*                         | 0,10                        | mSv                    | ---    | <0,1             | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Alfa-total*                                    | 0,10 (Nível de verificação) | Bq/l                   | ---    | 0,056            | ---                             | ---                   | 1                      | 1                       | 100%                  |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---              | ---                             | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D.\_Não Detectado

\* Parâmetros conservativos analisados pela Entidade Gestora em Alta

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: PARADANTA

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P. | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|---------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                               | 100                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Mercúrio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Bromodichlorometano                            | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Dibromodichlorometano                          | ---                         | µg/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                             | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D.\_Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: RIBEIRA EIRAS

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfecante residual                          | ---                         | mg Cl <sub>2</sub> /L  | 0,88   | 0,88   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercúrio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodiorometano                               | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromodiorometano                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D. Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: ROCHAS BAIXO

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfecante residual                          | ---                         | mg Cl <sub>2</sub> /L  | 0,75   | 0,75   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercúrio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodichlorometano                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromodichlorometano                          | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D. Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: VALBOM

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfetante residual                          | ---                         | mg Cl <sub>2</sub> /L  | 0,77   | 0,77   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercúrio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodichlorometano                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromodichlorometano                          | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D. Não Detectado

Resumo estatístico dos resultados analíticos dos parâmetros pesquisados na ZA: VALE DE FIGUEIRAS

2.º TRIMESTRE 2021  
01 de abril a 30 de junho

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de dezembro, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetro                                      | Valor Paramétrico (V.P.)    | Unidades               | Mínimo | Máximo | N.º Análises Superiores ao V.P | % Cumprimento do V.P. | N.º Análises Agendadas | N.º Análises Realizadas | % Análises Realizadas |
|--|-----------------------------|------------------------|--------|--------|--------------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| Escherichia Coli                               | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Bactérias Coliformes                           | 0                           | N/100ml                | 0      | 0      | 0                              | 100                   | 1                      | 1                       | 100%                  |
| Desinfetante residual                          | ---                         | mg Cl <sub>2</sub> /L  | 0,89   | 0,89   | ---                            | ---                   | 1                      | 1                       | 100%                  |
| Cheiro a 25 °C                                 | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sabor a 25 °C                                  | 3                           | Fator de diluição      | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| pH   | ≥6,5 e ≤9,5                 | Unidades pH            | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Condutividade                                  | 2500                        | µS/cm a 20 °C          | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cor  | 20                          | mg/l PtCo              | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Turvação                                       | 4                           | UNT                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Enterococos fecais                             | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 22 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Número de colónias a 36 °C                     | s/ alteração anormal        | N/ml                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clostridium perfringens                        | 0                           | N/100 ml               | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alumínio                                       | 200                         | µg/L Al                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Amónio   | 0,50                        | mg/l NH <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Antimónio                                      | 5,0                         | µg/l Sb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Arsénio  | 10                          | µg/l As                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzeno  | 1,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(a)pireno                                 | 0,010                       | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Boro   | 1,0                         | mg/l B                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromato  | 10                          | µg/l BrO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cádmio   | 5,0                         | µg/l Cd                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cálcio   | ---                         | mg/l Ca                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Carbono Orgânico Total                         | ---                         | mg/l C                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cianetos                                       | 50                          | µg/l CN                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cloreto  | 250                         | mg/l Cl                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorito  | 0,7                         | mg/l ClO <sub>2</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorato  | 0,7                         | mg/l ClO <sub>3</sub>  | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Chumbo   | 10                          | µg/l Pb                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Cobre  | 2,0                         | mg/l Cu                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Crómio   | 50                          | µg/l Cr                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| 1,2-Dicloroetano                               | 3,0                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dureza Total                                   | ---                         | mg/l CaCO <sub>3</sub> | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Ferro  | 200                         | µg/l Fe                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Fluoreto                                       | 1,5                         | mg/l F                 | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(b)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(k)fluoranteno                            | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Benzo(ghi)perileno                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Indeno(1,2,3-cd)pireno                         | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Magnésio                                       | ---                         | mg/l Mg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Manganês                                       | 50                          | µg/l Mn                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrato  | 50                          | mg/l NO <sub>3</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Nitrito  | 0,50                        | mg/l NO <sub>2</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Mercúrio                                       | 1,0                         | µg/l Hg                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Níquel   | 20                          | µg/l Ni                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Oxidabilidade                                  | 5,0                         | mg/l O <sub>2</sub>    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Pesticidas Totais                              | 0,50                        | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Selénio  | 10                          | µg/l Se                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sódio  | 200                         | mg/l Na                | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Sulfato  | 250                         | mg/l SO <sub>4</sub>   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano e Tricloroetano:               | 10                          | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tetracloroetano                                | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Tricloroetano                                  | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Trihalometanos - total (THM):                  | 100_80 (ponto de entrega)   | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Clorofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromofórmio                                    | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Bromodiclorometano                             | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dibromodiclorometano                           | ---                         | µg/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Dose Indicativa Total                          | 0,10                        | mSv                    | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Alfa-total                                     | 0,10 (Nível de verificação) | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| β-Total  | 1,0 (Nível de verificação)  | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |
| Radão  | 500                         | Bq/l                   | ---    | ---    | ---                            | ---                   | ---                    | ---                     | ---                   |

**Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):**

Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º306/2007 alterado pelo D.L. N.º 152/2007.

**Notas:**

L.Q. - Limite de Quantificação

N.D. \_ Não Detectado