

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água fornecida através de análises periódicas no Ponto de Entrega à CM de Arruda dos Vinhos, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetros (unidades)                                     | Valor Paramétrico (VP) fixado no DL 152/2017, de 7 de dezembro | Valores obtidos |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA) |            | % Análises Realizadas |
|-----------------------------------------------------------|----------------------------------------------------------------|-----------------|--------|----------------------------|---------------------|---------------------|------------|-----------------------|
|                                                           |                                                                | Mínimo          | Máximo |                            |                     | Agendadas           | Realizadas |                       |
| Escherichia coli (N/100 ml)                               | 0                                                              | 0               | 0      | 0                          | 100%                | 2                   | 2          | 100%                  |
| Bactérias coliformes (N/100 ml)                           | 0                                                              | 0               | 0      | 0                          | 100%                | 2                   | 2          | 100%                  |
| Desinfetante residual (mg/L)                              | ---                                                            | 0,5             | 0,7    | ---                        | ---                 | 2                   | 2          | 100%                  |
| Alumínio (µg/L Al)                                        | 200                                                            | < 50            | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Número de colónias a 22 °C (N/ml)                         | Sem alteração anormal                                          | 0               | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Número de colónias a 37 °C (N/ml)                         | Sem alteração anormal                                          | 0               | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Condutividade (µS/cm a 20°C)                              | 2500                                                           | 299             | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Clostridium perfringens (N/100 ml)                        | 0                                                              | 0               | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cor (mg/L PtCo)                                           | 20                                                             | < 5             | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| pH (unidades de pH)                                       | ≥6,5 e ≤9,5                                                    | 6,7             | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Ferro (µg/L Fe)                                           | 200                                                            | < 50            | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cheiro a 25°C (Factor de diluição)                        | 3                                                              | < 3             | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Sabor a 25°C (Factor de diluição)                         | 3                                                              | < 3             | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Enterococos (N/100 mL)                                    | 0                                                              | 0               | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Turbacão (UNT)                                            | 4                                                              | < 0,7           | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Antimónio <sup>2</sup> (µg/L Sb)                          | 5                                                              | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Amónio (mg/L NH <sub>4</sub> )                            | 0,50                                                           | < 0,05          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Arsénio <sup>2</sup> (µg/L As)                            | 10                                                             | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Benzeno <sup>2</sup> (µg/L)                               | 1,0                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Benzo(a)pireno (µg/L)                                     | 0,010                                                          | < 0,0050        | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Boro <sup>2</sup> (mg/L B)                                | 1,0                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )            | 10                                                             | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cádmio <sup>2</sup> (µg/L Cd)                             | 5,0                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cálcio (mg/L Ca)                                          | ---                                                            | 45              | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Chumbo (µg/L Pb)                                          | 10                                                             | < 2,0           | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cianetos <sup>2</sup> (µg/L Cn)                           | 50                                                             | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cobre (mg/L Cu)                                           | 2,0                                                            | < 0,010         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Crómio (µg/L Cr)                                          | 50                                                             | < 10            | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cloretos <sup>2</sup> (mg/L Cl)                           | 250                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| 1,2 - dicloroetano <sup>2</sup> (µg/L)                    | 3,0                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Dureza total (mg/L CaCO <sub>3</sub> )                    | ---                                                            | 140             | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Fluoretos <sup>2</sup> (mg/L F)                           | 1,5                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Magnésio (mg/L Mg)                                        | ---                                                            | 6               | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Manganês (µg/L Mn)                                        | 50                                                             | < 10            | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Mercurio <sup>2</sup> (µg/L Hg)                           | 1,0                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )             | 50                                                             | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Nitritos (mg/L NO <sub>2</sub> )                          | 0,5                                                            | < 0,02          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Níquel (µg/L Ni)                                          | 20                                                             | < 5,0           | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Oxidabilidade (mg/L O <sub>2</sub> )                      | 5                                                              | 0,5             | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Selénio <sup>2</sup> (µg/L Se)                            | 10                                                             | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Sódio (mg/L Na)                                           | 200                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )             | 250                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Carbono Orgânico Total (mg/L C)                           | Sem alteração anormal                                          | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Dose indicativa total <sup>2</sup> (mSv/ano)              | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Actividade alfa total <sup>2</sup> (referida a Am) (Bq/L) | 0,1                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Actividade beta total <sup>2</sup> (referida a K) (Bq/L)  | 1,0                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Radão(Bq/L)                                               | 500                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Soma Tetracloroetano e Tricloroetano <sup>2</sup> (µg/L): | 10                                                             | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Tetracloroetano <sup>2</sup> (µg/L)                       | ---                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Tricloroetano <sup>2</sup> (µg/L)                         | ---                                                            | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (µg/L):           | 0,10                                                           | < 0,020         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Benzo(b)fluoranteno (µg/L)                                | ---                                                            | < 0,020         | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Benzo(k)fluoranteno (µg/L)                                | ---                                                            | < 0,020         | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Benzo(ghi)perileno (µg/L)                                 | ---                                                            | < 0,020         | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Indeno(1,2,3-cd)pireno (µg/L)                             | ---                                                            | < 0,020         | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Trihalometanos - total (µg/L):                            | 100                                                            | 53,6            | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Clorofórmio (µg/L)                                        | ---                                                            | 18,5            | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Bromofórmio (µg/L)                                        | ---                                                            | 4,19            | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Bromodiorometano (µg/L)                                   | ---                                                            | 14,4            | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Dibromoclorometano (µg/L)                                 | ---                                                            | 16,5            | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Pesticidas - total <sup>2</sup> (µg/L)                    | 0,50                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Alacloro <sup>2</sup> (µg/L)                              | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Atrazina <sup>2</sup> (µg/L)                              | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Bentazona <sup>2</sup> (µg/L)                             | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Clornirifos <sup>2</sup> (µg/L)                           | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Desetilatrizona <sup>2</sup> (µg/L)                       | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Desetilsimazina <sup>2</sup> (µg/L)                       | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Desetilterbutilazina <sup>2</sup> (µg/L)                  | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Dimetoato <sup>2</sup> (µg/L)                             | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Diurão <sup>2</sup> (µg/L)                                | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Imidacloprida <sup>2</sup> (µg/L)                         | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Isoprotrurão <sup>2</sup> (µg/L)                          | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Linurão <sup>2</sup> (µg/L)                               | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| MCPA <sup>2</sup> (µg/L)                                  | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Metalaxil <sup>2</sup> (µg/L)                             | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Metolaclo <sup>2</sup> (µg/L)                             | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Ometoato <sup>2</sup> (µg/L)                              | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Oxamil <sup>2</sup> (µg/L)                                | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Simazina <sup>2</sup> (µg/L)                              | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Terbutilazina <sup>2</sup> (µg/L)                         | 0,10                                                           | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |

Nota 1: Ponto de Entrega controlado: PE1 - Ponto de Entrega de CM de Arruda dos Vinhos [PA11 - Zibreira de Fetais (Rua Principal)].

Nota 2: Parâmetros (conservativos) analisados pela entidade gestora "em Alta": EPAL.

Nota: Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Não foram registados incumprimentos neste trimestre.