



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO  
CONCELHO DA GUARDA

4º TRIMESTRE 2020

ZONA DE ABASTECIMENTO: Fontanário de Benavente

Edital N.º34

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 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 (VP) |                        | Valores obtidos |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA) |            | % Análises Realizadas |
|---|------------------------|------------------------|-----------------|--------|----------------------------|---------------------|---------------------|------------|-----------------------|
|   | VP                     | Unidade                | Mínimo          | Máximo |                            |                     | Previstas           | Realizadas |                       |
| <i>Escherichia coli (E. coli)</i>                     | 0                      | N/100 ml               | 0               | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Bactérias coliformes                                  | 0                      | N/100 ml               | 0               | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Desinfetante residual                                 | ---                    | mg/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cheiro a 25 °C  | 3                      | Fator de diluição      | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Sabor a 25 °C   | 3                      | Fator de diluição      | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| pH  | ≥6,5 e ≤9,5            | Unidades pH            | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Condutividade   | 2500                   | µS/cm a 20 °C          | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Cor   | 20                     | mg/l PtCo              | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Turvação  | 4                      | UNT                    | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Enterococos   | 0                      | N/100 ml               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Número de colónias a 22 °C                            | ---                    | N/ml                   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Número de colónias a 36 °C                            | ---                    | N/ml                   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| <i>Clostridium perfringens</i>                        | 0                      | N/100 ml               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Alumínio  | 200                    | µg/L Al                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Amónio  | 0,50                   | mg/l NH <sub>4</sub>   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| 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                 | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Bromatos  | 10                     | µg/l BrO <sub>3</sub>  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cádmio  | 5,0                    | µg/l Cd                | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cálcio  | ---                    | mg/l Ca                | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Carbono Orgânico Total (COT)                          | ---                    | mg/l C                 | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cianetos  | 50                     | µg/l CN                | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cloretos  | 250                    | mg/l Cl                | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cloritos  | 0,7                    | mg/l ClO <sub>2</sub>  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cloratos  | 0,7                    | mg/l ClO <sub>3</sub>  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Chumbo  | 10                     | µg/l Pb                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Cobre   | 2,0                    | mg/l Cu                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| 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                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Fluoretos   | 1,5                    | mg/l F                 | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| <b>Hidrocarbonetos Aromáticos Policíclicos (HAP):</b> | 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                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Nitratos  | 50                     | mg/l NO <sub>3</sub>   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Nitritos  | 0,50                   | mg/l NO <sub>2</sub>   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Mercúrio  | 1,0                    | µg/l Hg                | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Níquel  | 20                     | µg/l Ni                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Oxidabilidade   | 5,0                    | mg/l O <sub>2</sub>    | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| <b>Pesticidas - total</b>                             | 0,50                   | µg/l                   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Terbutilazina   | 0,10                   | µg/l                   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Desetilterbutilazina                                  | 0,10                   | µg/l                   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Selénio   | 10                     | µg/l Se                | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Sódio   | 200                    | mg/l Na                | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Sulfatos  | 250                    | mg/l SO <sub>4</sub>   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| <b>Tetracloroetano e Tricloroetano:</b>               | 10                     | µg/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Tetracloroetano                                       | ---                    | µg/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Tricloroetano   | ---                    | µg/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| <b>Trihalometanos - total (THM):</b>                  | 100                    | µg/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Clorofórmio   | ---                    | µg/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Bromofórmio   | ---                    | µg/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Bromodihalometano                                     | ---                    | µg/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Dibromodihalometano                                   | ---                    | µg/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Dose indicativa                                       | 0,10                   | mSv                    | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Radão   | 500                    | Bq/l                   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| α-total   | 0,1                    | Bq/l                   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| β-total   | 1,0                    | Bq/l                   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |

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

O Presidente da CMG:

  
(Carlos Alberto Chaves Monteiro)

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