



# Município de Alfândega da Fé — Câmara Municipal

DIVISÃO de AMBIENTE e SERVIÇOS URBANOS ( DASU )

## EDITAL — Resultado de Análises da Água para Consumo Humano

| ENTIDADE GESTORA EM BAIXA:<br>CM ALFÂNDEGA DA FÉ                                                                                                                                                                                                                                                  |                                             | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>NAS ZONAS DE ABASTECIMENTO / SUBSISTEMA DE SAMBADE/CAMBA |               |                            |                     |                     | EDITAL n.º 004 / 2023                            |                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------|----------------------------|---------------------|---------------------|--------------------------------------------------|-----------------------|--|
| Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, 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). |                                             |                                                                                                               |               |                            |                     |                     | 4º TRIMESTRE 2023<br>01 outubro a<br>31 dezembro |                       |  |
| Parâmetro (unidades)                                                                                                                                                                                                                                                                              | Valor Paramétrico (VP) fixado no DL 69/2023 | 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%                | 3                   | 3                                                | 100%                  |  |
| Bactérias coliformes (N/100 ml)                                                                                                                                                                                                                                                                   | 0                                           | 0                                                                                                             | 0             | 0                          | 100%                | 3                   | 3                                                | 100%                  |  |
| Desinfetante residual (mg/L)                                                                                                                                                                                                                                                                      | ---                                         | 0,20                                                                                                          | 0,60          | ---                        | ---                 | 3                   | 3                                                | 100%                  |  |
| Alumínio (µg/L Al)                                                                                                                                                                                                                                                                                | 200                                         | ---                                                                                                           | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Número de colónias a 22 °C (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                       | Não detetável                                                                                                 | Não detetável | ---                        | ---                 | 1                   | 1                                                | 100%                  |  |
| Número de colónias a 37 °C (N/ml)                                                                                                                                                                                                                                                                 | Sem alteração anormal                       | Não detetável                                                                                                 | Não detetável | ---                        | ---                 | 1                   | 1                                                | 100%                  |  |
| Condutividade (µS/cm a 20°C)                                                                                                                                                                                                                                                                      | 2500                                        | 121                                                                                                           | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Clostridium perfringens (N/100ml)                                                                                                                                                                                                                                                                 | 0                                           | 0                                                                                                             | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Cor (mg/L PtCo)                                                                                                                                                                                                                                                                                   | 20                                          | <5                                                                                                            | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| pH (Unidades pH)                                                                                                                                                                                                                                                                                  | ≥6,5 e ≤9                                   | 7,8                                                                                                           | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Manganês (µg/L Mn)                                                                                                                                                                                                                                                                                | 50                                          | ---                                                                                                           | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Cheiro a 25°C (Factor de diluição)                                                                                                                                                                                                                                                                | 3                                           | <1                                                                                                            | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Sabor a 25°C (Factor de diluição)                                                                                                                                                                                                                                                                 | 3                                           | <1                                                                                                            | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Turvação (NTU)                                                                                                                                                                                                                                                                                    | 4                                           | <0,50                                                                                                         | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Enterococos (N/100ml)                                                                                                                                                                                                                                                                             | 0                                           | 0                                                                                                             | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Ferro (µg/L Fe)                                                                                                                                                                                                                                                                                   | 200                                         | 160                                                                                                           | ---           | 0                          | 100%                | 1                   | 1                                                | 100%                  |  |
| Arsénio (µg/L As)*                                                                                                                                                                                                                                                                                | 10                                          | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Amónio (mg/L NH <sub>4</sub> )                                                                                                                                                                                                                                                                    | 0,50                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Antimónio (µg/L Sb)*                                                                                                                                                                                                                                                                              | 10,0                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Benzeno (µg/L)*                                                                                                                                                                                                                                                                                   | 1,0                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Benzo(a)pireno (µg/L)                                                                                                                                                                                                                                                                             | 0,010                                       | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Boro (mg/L B)*                                                                                                                                                                                                                                                                                    | 1,5                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Bromatos (µg/L BrO <sub>3</sub> )*                                                                                                                                                                                                                                                                | 10                                          | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Cádmio (µg/L)*                                                                                                                                                                                                                                                                                    | 5,0                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Cálcio (mg/L Ca)                                                                                                                                                                                                                                                                                  | ---                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Cianetos (µg/L Cn)*                                                                                                                                                                                                                                                                               | 50                                          | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Cloretos (mg/L Cl)*                                                                                                                                                                                                                                                                               | 250                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Cloritos (mg/L ClO <sub>2</sub> )                                                                                                                                                                                                                                                                 | 0,7                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Cloratos (mg/L ClO <sub>3</sub> )                                                                                                                                                                                                                                                                 | 0,7                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Chumbo (µg/L Pb)                                                                                                                                                                                                                                                                                  | 10                                          | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Cobre (µg/L Cu)                                                                                                                                                                                                                                                                                   | 2,0                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Crómio (µg/L Cr)                                                                                                                                                                                                                                                                                  | 50                                          | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| 1,2-dicloroetano (µg/L)*                                                                                                                                                                                                                                                                          | 3,0                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Dureza Total (mg/L CaCO <sub>3</sub> )                                                                                                                                                                                                                                                            | ---                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Fluoretos (mg/L F)*                                                                                                                                                                                                                                                                               | 1,5                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| HAP (µg/L)                                                                                                                                                                                                                                                                                        | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Benzo[b]fluoranteno                                                                                                                                                                                                                                                                               | µg/L                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Benzo[k]fluoranteno                                                                                                                                                                                                                                                                               |                                             | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Benzo[g,h,i]perileno                                                                                                                                                                                                                                                                              |                                             | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Indeno[1,2,3-cd]pireno                                                                                                                                                                                                                                                                            |                                             | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Magnésio (mg/L Mg)                                                                                                                                                                                                                                                                                | ---                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Nitratos (mg/L NO <sub>3</sub> )*                                                                                                                                                                                                                                                                 | 50                                          | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Nitritos (mg/L NO <sub>2</sub> )                                                                                                                                                                                                                                                                  | 0,5                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Mercúrio (µg/L Hg)*                                                                                                                                                                                                                                                                               | 1                                           | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Níquel (µg/L Ni)                                                                                                                                                                                                                                                                                  | 20                                          | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Oxidabilidade (mg/L O <sub>2</sub> )                                                                                                                                                                                                                                                              | 5                                           | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Selénio (µg/L Se)*                                                                                                                                                                                                                                                                                | 20                                          | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Sódio (mg/L Na)*                                                                                                                                                                                                                                                                                  | 200                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Sulfatos (mg/L SO <sub>4</sub> )*                                                                                                                                                                                                                                                                 | 250                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Tetracloroetano e Tricloroetano (µg/L)*                                                                                                                                                                                                                                                           | 10                                          | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Tetracloroetano (µg/L)*                                                                                                                                                                                                                                                                           | ---                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Tricloroetano (µg/L)*                                                                                                                                                                                                                                                                             | ---                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| THM (µg/L)                                                                                                                                                                                                                                                                                        | 100                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Clorofórmio                                                                                                                                                                                                                                                                                       | 100                                         | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Bromodiclorometano                                                                                                                                                                                                                                                                                |                                             | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Dibromoclorometano                                                                                                                                                                                                                                                                                |                                             | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Bromofórmio                                                                                                                                                                                                                                                                                       |                                             | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Pesticidas Totais (µg/L)*                                                                                                                                                                                                                                                                         | soma das concentrações                      | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Deseterbutilazina (µg/L)*                                                                                                                                                                                                                                                                         | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Dimetenamida-P                                                                                                                                                                                                                                                                                    | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Dimetoato (µg/L)*                                                                                                                                                                                                                                                                                 | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Glifosato                                                                                                                                                                                                                                                                                         | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| MCPA (µg/L)*                                                                                                                                                                                                                                                                                      | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Terbutilazina (µg/L)*                                                                                                                                                                                                                                                                             | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Metribuzina                                                                                                                                                                                                                                                                                       | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Ometoato (µg/L)*                                                                                                                                                                                                                                                                                  | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Imidaclopride (µg/L)*                                                                                                                                                                                                                                                                             | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Dose indicativa (mSv/ano)*                                                                                                                                                                                                                                                                        | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |
| Atividade Alfa - total (Bq/L)*                                                                                                                                                                                                                                                                    | 0,10                                        | ---                                                                                                           | ---           | ---                        | ---                 | 0                   | 0                                                | ---                   |  |

\* Parâmetro conservativo analisado pela EG em alta (AdN)

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

CAUSAS: ---

MEDIDAS CORRETIVAS: ---

Paços do Município de Alfândega da Fé, 19 de fevereiro de 2024.

O Vereador:

Rui Barral - Iguéredo

Login: nunojac