

Zona de abastecimento: Pinheiros

Pontos de amostragem: P7, P25, P47, P59, P99, 100

Período: 2º Trimestre de 2026

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).

| Parâmetro (unidades)                            | Valor Paramétrico (VP)<br>fixado no DL 306/2007 | Valores obtidos |                 | N.º Análises<br>superiores VP | % Cumprimento<br>do VP | N.º Análises (PCQA) |            | %<br>Análises<br>Realizadas |
|-------------------------------------------------|-------------------------------------------------|-----------------|-----------------|-------------------------------|------------------------|---------------------|------------|-----------------------------|
|                                                 |                                                 | Mínimo          | Máximo          |                               |                        | Agendadas           | Realizadas |                             |
| <i>Escherichia coli</i> (UFC/100 mL)            | 0                                               | 0               | 0               | 0                             | 100%                   | 6                   | 6          | 100%                        |
| Bactérias coliformes (UFC/100 mL)               | 0                                               | 0               | 0               | 0                             | 100%                   | 6                   | 6          | 100%                        |
| Desinfetante residual (mg/L)                    | ---                                             | 0,28            | 0,36            | ---                           | ---                    | 6                   | 6          | 100%                        |
| Enterococos (UFC/100 mL)                        | 0                                               | 0               | 0               | 0                             | 100%                   | 3                   | 3          | 100%                        |
| Número de colónias a 22 °C (UFC/ mL)            | Sem alteração                                   | 0               | 0               | ---                           | ---                    | 3                   | 3          | 100%                        |
| Condutividade (µS/cm a 20°C)                    | 2500                                            | 389             | 408             | 0                             | 100%                   | 3                   | 3          | 100%                        |
| Cor (mg/L PtCo)                                 | 20                                              | <6 (l.q.)       | <6 (l.q.)       | 0                             | 100%                   | 3                   | 3          | 100%                        |
| pH (Unidades pH)                                | ≥6,5 e ≤9                                       | 7,0             | 7,4             | 0                             | 100%                   | 3                   | 3          | 100%                        |
| Ferro (µg/L Fe)                                 | 200                                             | <40 (l.q.)      | <40 (l.q.)      | 0                             | 100%                   | 3                   | 3          | 100%                        |
| Cheiro a 25°C (Factor de diluição)              | 3                                               | <1              | <1              | 0                             | 100%                   | 3                   | 3          | 100%                        |
| Sabor a 25°C (Factor de diluição)               | 3                                               | <1              | <1              | 0                             | 100%                   | 3                   | 3          | 100%                        |
| Turvação (UNT)                                  | 4                                               | <0,8(l.q.)      | <0,8(l.q.)      | 0                             | 100%                   | 3                   | 3          | 100%                        |
| Amónio (mg/L NH4)                               | 0,50                                            | <0,1 (l.q.)     | <0,1 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Manganês (µg/L Mn)                              | 50                                              | <10 (l.q.)      | <10 (l.q.)      | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Nitratos (mg/L NO3)                             | 50                                              | 24              | 24              | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Oxidabilidade (mg/L O2)                         | 5                                               | <1,0(l.q.)      | <1,0 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Alumínio (µg/L Al)                              | 200                                             | 17              | 17              | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Clostridium perfringens (UFC/100 mL)            | 0                                               | 0               | 0               | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Nitritos (mg/L NO2)                             | 0,5                                             | <0,04 (l.q.)    | <0,04 (l.q.)    | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Antimónio (µg/L Sb)                             | 10,0                                            | <3,0(l.q.)      | <3,0(l.q.)      | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Arsénio (µg/L As)                               | 10,0                                            | <3,0(l.q.)      | <3,0(l.q.)      | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Benzeno (µg/L)                                  | 1,0                                             | <0,2(l.q.)      | <0,2(l.q.)      | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Benzo(a)pireno (µg/L)                           | 0,010                                           | <0,003(l.q.)    | <0,003(l.q.)    | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Bisfenol A (µg/L)                               | 2,5                                             | <0,030 (l.q.)   | <0,030 (l.q.)   | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Boro (mg/L B)                                   | 1,5                                             | 0,0567          | 0,0567          | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Bromatos (µg/L BrO3)                            | 10                                              | <3,0 (l.q.)     | <3,0 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Cádmio (µg/L Cd)                                | 5,0                                             | <1,5 (l.q.)     | <1,5 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Cálcio (mg/L Ca)                                | ---                                             | 15              | 15              | ---                           | ---                    | 1                   | 1          | 100%                        |
| Chumbo (µg/L Pb)                                | 10                                              | <3,0 (l.q.)     | <3,0 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Cianetos (µg/L CN)                              | 50                                              | <5 (l.q.)       | <5 (l.q.)       | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Cobre (mg/L Cu)                                 | 2,0                                             | <0,1 (l.q.)     | <0,1 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Crómio (µg/L Cr)                                | 50                                              | <6,0 (l.q.)     | <6,0 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| 1,2 – dicloroetano (µg/L)                       | 3,0                                             | <0,750 (l.q.)   | <0,750 (l.q.)   | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Dureza total (mg/L CaCO3)                       | ---                                             | 89              | 89              | ---                           | ---                    | 1                   | 1          | 100%                        |
| Fluoreto (mg/L F)                               | 1,5                                             | <0,30 (l.q.)    | <0,30 (l.q.)    | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Magnésio (mg/L Mg)                              | ---                                             | 15,0            | 15,0            | ---                           | ---                    | 1                   | 1          | 100%                        |
| Mercúrio (µg/L Hg)                              | 1                                               | <0,3 (l.q.)     | <0,3 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Níquel (µg/L Ni)                                | 20                                              | <6,0 (l.q.)     | <6,0 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Selénio (µg/L Se)                               | 20                                              | <1,0 (l.q.)     | <1,0 (l.q.)     | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Potássio (mg/l)                                 | ---                                             | 4,99            | 4,99            | ---                           | ---                    | 1                   | 1          | 100%                        |
| Cloretos (mg/L Cl)                              | 250                                             | 39              | 39              | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Cloritos (mg/L ClO2)                            | 0,7                                             | <0,0050 (l.q.)  | <0,0050 (l.q.)  | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Cloratos (mg/L ClO3)                            | 0,7                                             | 0,0956          | 0,0956          | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Sódio (mg/L Na)                                 | 200                                             | 36              | 36              | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Sulfatos (mg/L SO4)                             | 250                                             | 42              | 42              | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Alfa Total (Bq/l)                               | 0,1                                             | 0,265           | 0,265           | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Urânio 234 (Bq/l)                               | ---                                             | 0,0289          | 0,0289          | ---                           | ---                    | 1                   | 1          | 100%                        |
| Urânio 238 (Bq/l)                               | ---                                             | 0,024           | 0,024           | ---                           | ---                    | 1                   | 1          | 100%                        |
| Rádio 226 (Bq/l)                                | ---                                             | 0,192           | 0,192           | ---                           | ---                    | 1                   | 1          | 100%                        |
| Polónio 210 (Bq/l)                              | ---                                             | ≤0,01           | ≤0,01           | ---                           | ---                    | 1                   | 1          | 100%                        |
| Dose Indicativa Total(Bq/l)                     | 0,1                                             | <0,1            | <0,1            | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Tetracloroetano(µg/L) e Tricloroetano(µg/L)     | 10                                              | <0,20 (l.q.)    | <0,20 (l.q.)    | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Tetracloroetano(µg/L)                           | ---                                             | <0,2 (l.q.)     | <0,2 (l.q.)     | ---                           | ---                    | 1                   | 1          | 100%                        |
| Tricloroetano(µg/L)                             | ---                                             | <0,10 (l.q.)    | <0,10 (l.q.)    | ---                           | ---                    | 1                   | 1          | 100%                        |
| Hidrocarbonetos Aromáticos Policíclicos (µg/L): | 0,10                                            | <0,0200 (l.q.)  | <0,0200 (l.q.)  | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Benzo(b)fluoranteno (µg/L)                      | ---                                             | <0,0200 (l.q.)  | <0,0200 (l.q.)  | ---                           | ---                    | 1                   | 1          | 100%                        |
| Benzo(k)fluoranteno (µg/L)                      | ---                                             | <0,0200 (l.q.)  | <0,0200 (l.q.)  | ---                           | ---                    | 1                   | 1          | 100%                        |
| Benzo(ghi)perileno (µg/L)                       | ---                                             | <0,0200 (l.q.)  | <0,0200 (l.q.)  | ---                           | ---                    | 1                   | 1          | 100%                        |
| Indeno(1,2,3-cd)pireno(µg/L)                    | ---                                             | <0,0200 (l.q.)  | <0,0200 (l.q.)  | ---                           | ---                    | 1                   | 1          | 100%                        |
| Trihalometanos - total (µg/L):                  | 80                                              | 12,2            | 12,2            | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Clorofórmio(µg/L)                               | ---                                             | 0,15            | 0,15            | ---                           | ---                    | 1                   | 1          | 100%                        |
| Bromofórmio(µg/L)                               | ---                                             | 7,76            | 7,76            | ---                           | ---                    | 1                   | 1          | 100%                        |
| Bromodiclorometano(µg/L)                        | ---                                             | 0,73            | 0,73            | ---                           | ---                    | 1                   | 1          | 100%                        |
| Dibromoclorometano(µg/L)                        | ---                                             | 3,51            | 3,51            | ---                           | ---                    | 1                   | 1          | 100%                        |
| Ácidos haloacéticos (HAA) (µg/l)                | 60,00                                           | 2,7             | 2,7             | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Ácido monocloraacético (µg/l)                   | ---                                             | <1,0 (l.q.)     | <1,0 (l.q.)     | ---                           | ---                    | 1                   | 1          | 100%                        |
| Ácido dicloroacético (µg/l)                     | ---                                             | <0,50 (l.q.)    | <0,50 (l.q.)    | ---                           | ---                    | 1                   | 1          | 100%                        |
| Ácido monobromoacético (µg/l)                   | ---                                             | <1,0 (l.q.)     | <1,0 (l.q.)     | ---                           | ---                    | 1                   | 1          | 100%                        |
| Ácido dibromoacético (µg/l)                     | ---                                             | 2,72            | 2,72            | ---                           | ---                    | 1                   | 1          | 100%                        |
| Ácido tricloroacético (µg/l)                    | ---                                             | <0,50 (l.q.)    | <0,50 (l.q.)    | ---                           | ---                    | 1                   | 1          | 100%                        |
| Urânio (µg U/l)                                 | 30,00                                           | 1,6             | 1,6             | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Soma de PFAS (µg/l)                             | 0,10                                            | <0,00150 (l.q.) | <0,00150 (l.q.) | 0                             | 100%                   | 1                   | 1          | 100%                        |
| Ácido perfluorobutanóico (µg/l)                 | ---                                             | <0,00150 (l.q.) | <0,00150 (l.q.) | ---                           | ---                    | 1                   | 1          | 100%                        |
| Ácido perfluoropentanóico (µg/l)                | ---                                             | <0,00030 (l.q.) | <0,00030 (l.q.) | ---                           | ---                    | 1                   | 1          | 100%                        |
| Ácido perfluorohexanóico (µg/l)                 | ---                                             | <0,00030 (l.q.) | <0,00030 (l.q.) | ---                           | ---                    | 1                   | 1          | 100%                        |

[illegible]