

EDITAL Nº
36/2022

QUALIDADE DA ÁGUA

3º TRIMESTRE DE 2022

Manuel Jorge Séneca Luz Valamatos dos Reis, Presidente da Câmara Municipal, TORNA PÚBLICO os resultados obtidos no controlo de qualidade de água distribuída no concelho de Abrantes no 3º Trimestre de 2022, a seguir discriminados por zona de abastecimento, em cumprimento do disposto no n.º 1 do artigo 17.º do D.L. n.º 306/2007, de 27 de agosto, alterado pelo D.L. n.º 152/2017 de 7 de dezembro.

Os valores obtidos no controlo analítico são apurados a partir de amostras recolhidas nas torneiras dos consumidores.

- (a) - Sem Valor Paramétrico definido, pelo que não é efetuado o apuramento da % de cumprimento.
- (b) - Valores associados às características da água captada, que carecem de correção complementar.
- (c) - Situações associadas a alterações pontuais nas origens de água ou problemas pontuais na rede distribuição, que são objeto de intervenção corretiva pelos SMA.
- (d) - Em Análise.
- (e) - Valores em apuramento laboratorial.

As situações de incumprimento são comunicadas à Entidade Reguladora dos Serviços de Águas e Resíduos (ERSAR) e à Autoridade de Saúde que supervisionam a evolução das situações e das medidas corretivas adotadas.

As situações de incumprimento associadas a avarias, logo que identificadas, são objeto de medidas corretivas adequadas e posteriormente confirmada, por análise de verificação, a normalização da situação.

E para constar se publica o presente Edital e outros de igual teor, que vão ser afixados nos lugares mais públicos e do costume.

Paços do Concelho de Abrantes, 16 de novembro de 2022

O Presidente da Câmara Municipal



Manuel Jorge Séneca Luz Valamatos dos Reis

Zona de Abastecimento
Abrantes a partir C. Bode

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	12	12	100%	0	0	-	100%	
Desinfectante residual	---	mg/L Cl2	12	12	100%	0,21	0,55	-	-	a)
Escherichia coli	0	Número/100mL	12	12	100%	0	0	-	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	1	1	100%	0,06	0,06	0	100%	
Cheiro	3	Factor de diluição	4	4	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	4	4	100%	10	130	0	100%	
Cor	20	mg/L PtCo	4	4	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	1	1	100%	2,03	2,03	0	100%	
Nitratos	50	mg/L NO3	1	1	100%	<5	<5	0	100%	
Número de colónias a 22°C	Sem alteração	Número/mL	4	4	100%	0	23	-	-	a)
Número de colónias a 36°C	Sem alteração	Número/mL	4	4	100%	0	0	-	-	a)
Oxidabilidade	5,0	mg/L O2	4	4	100%	<1	<1	0	100%	
pH	6,5-9,5	escala de Sorense	4	4	100%	7,5	8,2	0	100%	
Sabor	3	Factor de diluição	4	4	100%	<1	<1	0	100%	
Turburção	4	UNT	4	4	100%	<0,4	0,6	0	100%	
CONTROLO DE INSPECÇÃO (CI)										
1,2-Dicloroetano	3	µg/L	1	1	100%	<0,75	<0,75	0	100%	
Alumínio	200	µg/L Al	4	4	100%	213	87	0	100%	
Antimónio	5,0	µg/L Sb	1	1	100%	<1	<1	0	100%	
Arsénio	10	µg/L As	1	1	100%	1	1	0	100%	
Benzeno	10	µg/L	1	1	100%	<0,2	<0,2	0	100%	
Benzo(a)pireno	0,010	µg/L	1	1	100%	<0,003	<0,003	0	100%	
Boro	10	mg/L B	1	1	100%	<0,01	<0,01	0	100%	
Bromato	10	µg/L BrO3	1	1	100%	<3	<3	0	100%	
Cádmio	5,0	µg/L Cd	1	1	100%	<0,4	<0,4	0	100%	
Cálcio	---	mg/L Ca	1	1	100%	14,3	14,3	-	-	a)
Chumbo	10	µg/L Pb	1	1	100%	<1	<1	0	100%	
Cianetos	50	µg/L CN	1	1	100%	<5	<5	0	100%	
Cloretos	250	mg/L Cl	1	1	100%	9,64	9,64	0	100%	
Clostridium perfringens	0	Número/100mL	4	4	100%	0	0	0	100%	
Cobre	2,0	mg/L Cu	1	1	100%	0,0097	0,0097	0	100%	
Crómio	50	µg/L Cr	1	1	100%	<1	<1	0	100%	
Dureza total	---	mg/L CaCO3	1	1	100%	45	45	-	-	a)
Enterococos	0	Número/100mL	4	4	100%	0	0	0	100%	
Ferro	200	µg/L Fe	1	1	100%	13,2	13,2	0	100%	
Fluoretos	15	mg/L F	1	1	100%	<0,2	<0,2	0	100%	
Magnésio	---	mg/L Mg	1	1	100%	2,28	2,28	-	-	a)
Mercurio	1	µg/L Hg	1	1	100%	0,027	0,027	0	100%	
Níquel	20	µg/L Ni	1	1	100%	<2	<2	0	100%	
Nitritos	0,5	mg/L NO2	1	1	100%	<0,04	<0,04	0	100%	
Selénio	10	µg/L Se	1	1	100%	<1	<1	0	100%	
Sódio	200	mg/L Na	1	1	100%	6,79	6,79	0	100%	
Sulfatos	250	mg/L SO4	1	1	100%	9,85	9,85	0	100%	
α- total	0,1	Bq/l	1	1	100%	<0,04	<0,04	0	100%	
β- total	1	Bq/l	---	---	---	---	---	---	---	
Dose Indicativa Total	0,1	mSv/ano	1	1	100%	<0,1	<0,1	0	100%	
Radão	500	Bq/l	---	---	---	---	---	---	---	
PAH- Totais	0,10	µg/L	1	1	100%	<0,02	<0,02	0	100%	
Benzo(b)fluoranteno	---	µg/L	1	1	100%	<0,02	<0,02	---	---	
Benzo(ghi)perileno	---	µg/L	1	1	100%	<0,02	<0,02	---	---	
Benzo(k)fluoranteno	---	µg/L	1	1	100%	<0,02	<0,02	---	---	
Indeno(1,2,3-cd)pireno	---	µg/L	1	1	100%	<0,02	<0,02	---	---	
Pesticidas Totais	0,5	µg/L	1	1	100%	0	0	0	100%	
2,4 D	0,1	µg/L	---	---	---	---	---	---	---	
Alacloro	0,1	µg/L	---	---	---	---	---	---	---	
Atrazina	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Bentazona	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Desetilatraxina	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Desetilerbutilazina	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Diurão	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
S-Metalacloro	0,1	µg/L	---	---	---	---	---	---	---	
Terbutilazina	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Triclorpir	0,1	µg/L	---	---	---	---	---	---	---	
Cimoxanil	0,1	µg/L	---	---	---	---	---	---	---	
Dimetoato	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Ometoato	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Ditiocarbamatos	0,1	µg/L	---	---	---	---	---	---	---	
MCPA	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Tebuconazol	0,1	µg/L	---	---	---	---	---	---	---	
Oxamil	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Clorpirifos	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Imidaclopride	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Linurão	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Metalaxil (isómeros)	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Metolaclo (isómeros)	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Simazina	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Desetilsimazina	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Metribuzina	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Dimetenamida- P	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
M 656PH051	0,1	µg/L	1	1	100%	<0,03	<0,03	0	100%	
Tri-halometanos Totais	100	µg/L	1	1	100%	30,2	30,2	0	100%	
Bromodiclorometano	---	µg/L	1	1	100%	8,88	8,88	0	100%	
Bromoformio	---	µg/L	1	1	100%	0,72	0,72	0	100%	
Clorofórmio	---	µg/L	1	1	100%	15,2	15,2	0	100%	
Dibromoclorometano	---	µg/L	1	1	100%	5,44	5,44	0	100%	
Tetracloreto e Tricloreto	10	µg/L	1	1	100%	<0,3	<0,3	0	100%	
Tetracloreto	---	µg/L	1	1	100%	<0,2	<0,2	---	---	
Tricloreto	---	µg/L	1	1	100%	<0,1	<0,1	---	---	

**Zona de Abastecimento
Alvega**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLE DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfetante residual	—	mg/L Cl2	3	3	100%	0,25	0,27	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLE DE ROTINA 2 (CR.2)										
Amônio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	320	320	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colônias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Número de colônias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Oxidabilidade	5,0	mg/L O2	—	—	—	—	—	—	—	
pH	6,5-9,5	scala de Sorense	1	1	100%	7,2	7,2	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turvação	4	UNT	1	1	100%	<0,3	<0,3	0	100%	
CONTROLE DE INSPECCAO (CI)										
1,2-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	1	1	100%	<20	<20	0	100%	
Antimônio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsênio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	—	—	—	—	—	—	—	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Crômio	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	1,5	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selênio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH - Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatraxina	0,1	µg/L	—	—	—	—	—	—	—	
Desetiltributiazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutiazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclopir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metalaxil (isômeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolacloro(isômeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodiclorometano	—	µg/L	—	—	—	—	—	—	—	
Bromofórmio	—	µg/L	—	—	—	—	—	—	—	
Clorofórmio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetracloreto e Tricloreto	10	µg/L	—	—	—	—	—	—	—	
Tetracloreto	—	µg/L	—	—	—	—	—	—	—	
Tricloreto	—	µg/L	—	—	—	—	—	—	—	

Zona de Abastecimento
Arreciadas

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		Análises superiores VP	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfectante residual	---	mg/L Cl2	3	3	100%	0,31	0,37	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	---	---	---	---	---	---	---	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	170	170	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	---	---	---	---	---	---	---	
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	-	-	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	-	-	a)
Oxidabilidade	5,0	mg/L O2	1	1	100%	<1	<1	0	100%	
pH	6,5-9,5	scala de Sorensen	1	1	100%	8,4	8,4	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turbacão	4	UNT	1	1	100%	<0,3	<0,3	0	100%	
CONTROLO DE INSPECÇÃO (C)										
1,2-Dicloroetano	3	µg/L	---	---	---	---	---	---	---	
Alumínio	200	µg/L Al	---	---	---	---	---	---	---	
Antimónio	5,0	µg/L Sb	---	---	---	---	---	---	---	
Arsénio	10	µg/L As	---	---	---	---	---	---	---	
Benzeno	10	µg/L	---	---	---	---	---	---	---	
Benzo(a)pireno	0,010	µg/L	---	---	---	---	---	---	---	
Boro	10	mg/L B	---	---	---	---	---	---	---	
Bromato	10	µg/L BrO3	---	---	---	---	---	---	---	
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---	
Cálcio	---	mg/L Ca	---	---	---	---	---	---	---	
Chumbo	10	µg/L Pb	---	---	---	---	---	---	---	
Cianetos	50	µg/L CN	---	---	---	---	---	---	---	
Cloretos	250	mg/L Cl	---	---	---	---	---	---	---	
Clostridium perfringens	0	Número/100mL	---	---	---	---	---	---	---	
Cobre	2,0	mg/L Cu	---	---	---	---	---	---	---	
Crómio	50	µg/L Cr	---	---	---	---	---	---	---	
Dureza total	---	mg/L CaCO3	---	---	---	---	---	---	---	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	---	---	---	---	---	---	---	
Fluoretos	15	mg/L F	---	---	---	---	---	---	---	
Magnésio	---	mg/L Mg	---	---	---	---	---	---	---	
Mercurio	1	µg/L Hg	---	---	---	---	---	---	---	
Níquel	20	µg/L Ni	---	---	---	---	---	---	---	
Nitritos	0,5	mg/L NO2	---	---	---	---	---	---	---	
Selénio	10	µg/L Se	---	---	---	---	---	---	---	
Sódio	200	mg/L Na	---	---	---	---	---	---	---	
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---	
α- total	0,1	Bq/l	---	---	---	---	---	---	---	
β- total	1	Bq/l	---	---	---	---	---	---	---	
Dose Indicativa Total	0,1	mSv/ano	---	---	---	---	---	---	---	
Radão	500	Bq/l	---	---	---	---	---	---	---	
PAH - Totais	0,10	µg/L	---	---	---	---	---	---	---	
Benzo(b)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Benzo(ghi)perileno	---	µg/L	---	---	---	---	---	---	---	
Benzo(k)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Indeno(1,2,3-cd)pireno	---	µg/L	---	---	---	---	---	---	---	
Pesticidas Totais	0,5	µg/L	---	---	---	---	---	---	---	
2,4 D	0,1	µg/L	---	---	---	---	---	---	---	
Alacloro	0,1	µg/L	---	---	---	---	---	---	---	
Atrazina	0,1	µg/L	---	---	---	---	---	---	---	
Bentazona	0,1	µg/L	---	---	---	---	---	---	---	
Desetilatraxina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilterbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Diurão	0,1	µg/L	---	---	---	---	---	---	---	
S-Metalacloro	0,1	µg/L	---	---	---	---	---	---	---	
Terbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Triclopir	0,1	µg/L	---	---	---	---	---	---	---	
Cimoxanil	0,1	µg/L	---	---	---	---	---	---	---	
Dimetoato	0,1	µg/L	---	---	---	---	---	---	---	
Ometoato	0,1	µg/L	---	---	---	---	---	---	---	
Ditiocarbamatos	0,1	µg/L	---	---	---	---	---	---	---	
MCPA	0,1	µg/L	---	---	---	---	---	---	---	
Tebuconazol	0,1	µg/L	---	---	---	---	---	---	---	
Oxamif	0,1	µg/L	---	---	---	---	---	---	---	
Clorpirifos	0,1	µg/L	---	---	---	---	---	---	---	
Imidaclopride	0,1	µg/L	---	---	---	---	---	---	---	
Linurão	0,1	µg/L	---	---	---	---	---	---	---	
Metalaxil (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Metolaclo (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Simazina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilisimazina	0,1	µg/L	---	---	---	---	---	---	---	
Tri-halometanos Totais	100	µg/L	---	---	---	---	---	---	---	
Bromodichlorometano	---	µg/L	---	---	---	---	---	---	---	
Bromofórmio	---	µg/L	---	---	---	---	---	---	---	
Clorofórmio	---	µg/L	---	---	---	---	---	---	---	
Dibromochlorometano	---	µg/L	---	---	---	---	---	---	---	
Tetrachloroeteno e Tricloroeteno	10	µg/L	---	---	---	---	---	---	---	
Tetrachloroeteno	---	µg/L	---	---	---	---	---	---	---	
Tricloroeteno	---	µg/L	---	---	---	---	---	---	---	

Zona de Abastecimento
Atalaia

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	1	1	100%	0	0	0	100%	
Desinfetante residual	—	mg/L Cl2	1	1	100%	0,52	0,52	-	-	a)
Escherichia coli	0	Número/100mL	1	1	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	—	—	—	—	—	—	—	
Conductividade	2500	µS/cm a 20°C	—	—	—	—	—	—	—	
Cor	20	mg/L PtCo	—	—	—	—	—	—	—	
Manganés	50	µg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colónias a 22°C	Sem alteração	Número/mL	—	—	—	—	—	—	—	
Número de colónias a 36°C	Sem alteração	Número/mL	—	—	—	—	—	—	—	
Oxidabilidade	5,0	mg/L O2	—	—	—	—	—	—	—	
pH	6,5-9,5	scala de Sorensen	—	—	—	—	—	—	—	
Sabor	3	Factor de diluição	—	—	—	—	—	—	—	
Turvação	4	UNT	—	—	—	—	—	—	—	
CONTROLO DE INSPECCÃO (CI)										
1,2-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	—	—	—	—	—	—	—	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	—	—	—	—	—	—	—	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Crómio	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	—	—	—	—	—	—	—	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	15	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH- Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatraxina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilterbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclopir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metalaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolaclo(ro)isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodichlorometano	—	µg/L	—	—	—	—	—	—	—	
Bromoformio	—	µg/L	—	—	—	—	—	—	—	
Clorofórmio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetracloreto e Tricloreto	10	µg/L	—	—	—	—	—	—	—	
Tetracloreto	—	µg/L	—	—	—	—	—	—	—	
Tricloreto	—	µg/L	—	—	—	—	—	—	—	

Zona de Abastecimento
Barrada

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores VP	% Cumprimento do VP	Obs.
	VP	Unidades	N.º Análises Realizadas	N.º Análises Realizadas	% Análises Realizadas	Valor Mín	Valor Máx			
CONTROLE DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	2	2	100%	0	0	0	100%	a)
Desinfetante residual	---	mg/L Cl2	2	2	100%	0,33	0,58	-	-	
Escherichia coli	0	Número/100mL	2	2	100%	0	0	0	100%	
CONTROLE DE ROTINA 2 (CR.2)										
Amônio	0,50	mg/L NH4	--	--	--	--	--	--	--	
Cheiro	3	Fator de diluição	--	--	--	--	--	--	--	
Condutividade	2500	µS/cm a 20°C	--	--	--	--	--	--	--	
Cor	20	mg/L PtCo	--	--	--	--	--	--	--	
Manganês	50	µg/L Mn	--	--	--	--	--	--	--	
Nitratos	50	mg/L NO3	--	--	--	--	--	--	--	
Numero de colônias a 22°C	Sem alteração	Número/mL	--	--	--	--	--	--	--	
Numero de colônias a 36°C	Sem alteração	Número/mL	--	--	--	--	--	--	--	
Oxidabilidade	5,0	mg/L O2	--	--	--	--	--	--	--	
pH	6,5-9,5	scala de Sorense	--	--	--	--	--	--	--	
Sabor	3	Fator de diluição	--	--	--	--	--	--	--	
Turbvação	4	UNT	--	--	--	--	--	--	--	
CONTROLE DE INSPECCAO (C1)										
1,2-Dicloroetano	3	µg/L	--	--	--	--	--	--	--	
Alumínio	200	µg/L Al	--	--	--	--	--	--	--	
Antimônio	5,0	µg/L Sb	--	--	--	--	--	--	--	
Arsênio	10	µg/L As	--	--	--	--	--	--	--	
Benzeno	10	µg/L	--	--	--	--	--	--	--	
Benzo(a)pireno	0,010	µg/L	--	--	--	--	--	--	--	
Boro	10	mg/L B	--	--	--	--	--	--	--	
Bromato	10	µg/L BrO3	--	--	--	--	--	--	--	
Cádmio	5,0	µg/L Cd	--	--	--	--	--	--	--	
Cálcio	---	mg/L Ca	--	--	--	--	--	--	--	
Chumbo	10	µg/L Pb	--	--	--	--	--	--	--	
Cianetos	50	µg/L CN	--	--	--	--	--	--	--	
Cloretos	250	mg/L Cl	--	--	--	--	--	--	--	
Clostridium perfringens	0	Número/100mL	--	--	--	--	--	--	--	
Cobre	2,0	mg/L Cu	--	--	--	--	--	--	--	
Crômio	50	µg/L Cr	--	--	--	--	--	--	--	
Dureza total	---	mg/L CaCO3	--	--	--	--	--	--	--	
Enterococos	0	Número/100mL	--	--	--	--	--	--	--	
Ferro	200	µg/L Fe	--	--	--	--	--	--	--	
Fluoretos	1,5	mg/L F	--	--	--	--	--	--	--	
Magnésio	---	mg/L Mg	--	--	--	--	--	--	--	
Mercurio	1	µg/L Hg	--	--	--	--	--	--	--	
Níquel	20	µg/L Ni	--	--	--	--	--	--	--	
Nitritos	0,5	mg/L NO2	--	--	--	--	--	--	--	
Selênio	10	µg/L Se	--	--	--	--	--	--	--	
Sódio	200	mg/L Na	--	--	--	--	--	--	--	
Sulfatos	250	mg/L SO4	--	--	--	--	--	--	--	
α- total	0,1	Bq/l	--	--	--	--	--	--	--	
β- total	1	Bq/l	--	--	--	--	--	--	--	
Dose Indicativa Total	0,1	mSv/ano	--	--	--	--	--	--	--	
Radão	500	Bq/l	--	--	--	--	--	--	--	
PAH - Totais	0,10	µg/L	--	--	--	--	--	--	--	
Benzo(b)fluoranteno	---	µg/L	--	--	--	--	--	--	--	
Benzo(ghi)perileno	---	µg/L	--	--	--	--	--	--	--	
Benzo(k)fluoranteno	---	µg/L	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pireno	---	µg/L	--	--	--	--	--	--	--	
Pesticidas Totais	0,5	µg/L	--	--	--	--	--	--	--	
2,4 D	0,1	µg/L	--	--	--	--	--	--	--	
Alacloro	0,1	µg/L	--	--	--	--	--	--	--	
Atrazina	0,1	µg/L	--	--	--	--	--	--	--	
Bentazona	0,1	µg/L	--	--	--	--	--	--	--	
Desetilatrazina	0,1	µg/L	--	--	--	--	--	--	--	
Desetilterbutilazina	0,1	µg/L	--	--	--	--	--	--	--	
Diurão	0,1	µg/L	--	--	--	--	--	--	--	
S-Metalacloro	0,1	µg/L	--	--	--	--	--	--	--	
Terbutilazina	0,1	µg/L	--	--	--	--	--	--	--	
Triclopir	0,1	µg/L	--	--	--	--	--	--	--	
Cimoxanil	0,1	µg/L	--	--	--	--	--	--	--	
Dimetoato	0,1	µg/L	--	--	--	--	--	--	--	
Ometoato	0,1	µg/L	--	--	--	--	--	--	--	
Ditiocarbamatos	0,1	µg/L	--	--	--	--	--	--	--	
MCPA	0,1	µg/L	--	--	--	--	--	--	--	
Tebuconazol	0,1	µg/L	--	--	--	--	--	--	--	
Oxamit	0,1	µg/L	--	--	--	--	--	--	--	
Clorpirifos	0,1	µg/L	--	--	--	--	--	--	--	
Imidaclopride	0,1	µg/L	--	--	--	--	--	--	--	
Linurão	0,1	µg/L	--	--	--	--	--	--	--	
Metalaxil (isómeros)	0,1	µg/L	--	--	--	--	--	--	--	
Metolaclo (isómeros)	0,1	µg/L	--	--	--	--	--	--	--	
Simazina	0,1	µg/L	--	--	--	--	--	--	--	
Desetilsimazina	0,1	µg/L	--	--	--	--	--	--	--	
Tri-halometanos Totais	100	µg/L	--	--	--	--	--	--	--	
Bromodiclorometano	---	µg/L	--	--	--	--	--	--	--	
Bromofórmio	---	µg/L	--	--	--	--	--	--	--	
Clorofórmio	---	µg/L	--	--	--	--	--	--	--	
Dibromoclorometano	---	µg/L	--	--	--	--	--	--	--	
Tetracloreto e Tricloreto	10	µg/L	--	--	--	--	--	--	--	
Tetracloreto	---	µg/L	--	--	--	--	--	--	--	
Tricloreto	---	µg/L	--	--	--	--	--	--	--	

**Zona de Abastecimento
Bemposta**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfectante residual	—	mg/L Cl2	3	3	100%	0,34	0,42	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	140	140	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Numero de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	-	-	a)
Numero de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	-	-	a)
Oxidabilidade	5,0	mg/L O2	1	1	100%	<1	<1	0	100%	
pH	6,5-9,5	scala de Sorense	1	1	100%	8	8	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turvação	4	UNT	1	1	100%	0,37	0,37	0	100%	
CONTROLO DE INSPECÇÃO (CI)										
1,2-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	1	1	100%	45	45	0	100%	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	—	—	—	—	—	—	—	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Crómio	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	1,5	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH - Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatrazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilterbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclopir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolacloro(isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodiclorometano	—	µg/L	—	—	—	—	—	—	—	
Bromoformio	—	µg/L	—	—	—	—	—	—	—	
Cloroformio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetracloreto e Tricloreto	10	µg/L	—	—	—	—	—	—	—	
Tetracloreto	—	µg/L	—	—	—	—	—	—	—	
Tricloreto	—	µg/L	—	—	—	—	—	—	—	

**Zona de Abastecimento
Bicas e Vale de Açor**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfetante residual	—	mg/L Cl2	3	3	100%	0,3	0,34	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Conductividade	2500	µS/cm a 20°C	1	1	100%	200	200	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Oxidabilidade	5,0	mg/L O2	—	—	—	—	—	—	—	
pH	6,5-9,5	scala de Sorense	1	1	100%	7,2	7,2	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turvação	4	UNT	1	1	100%	<0,3	<0,3	0	100%	
CONTROLO DE INSPECÇÃO (CI)										
12-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	1	1	100%	<20	<20	0	100%	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloratos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	—	—	—	—	—	—	—	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Cromo	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	15	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH - Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(12,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatraxina	0,1	µg/L	—	—	—	—	—	—	—	
Desetiltributiazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutiazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclorpir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metalaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolacloro(isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodiclorometano	—	µg/L	—	—	—	—	—	—	—	
Bromofórmio	—	µg/L	—	—	—	—	—	—	—	
Clorofórmio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetracloroeteno e Tricloroeteno	10	µg/L	—	—	—	—	—	—	—	
Tetracloroeteno	—	µg/L	—	—	—	—	—	—	—	
Tricloroeteno	—	µg/L	—	—	—	—	—	—	—	

**Zona de Abastecimento
Brunheirinho**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	2	2	100%	0	0	0	100%	
Desinfectante residual	—	mg/L Cl2	2	2	100%	0,36	0,37	-	-	a)
Escherichia coli	0	Número/100mL	2	2	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	—	—	—	—	—	—	—	
Condutividade	2500	µS/cm a 20°C	—	—	—	—	—	—	—	
Cor	20	mg/L PtCo	—	—	—	—	—	—	—	
Manganês	50	µg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colónias a 22°C	Sem alteração	Número/mL	—	—	—	—	—	—	—	
Número de colónias a 36°C	Sem alteração	Número/mL	—	—	—	—	—	—	—	
Oxidabilidade	5,0	mg/L O2	—	—	—	—	—	—	—	
pH	6,5-9,5	scala de Sorense	—	—	—	—	—	—	—	
Sabor	3	Factor de diluição	—	—	—	—	—	—	—	
Turbvação	4	UNT	—	—	—	—	—	—	—	
CONTROLO DE INSPECÇÃO (CI)										
12-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	—	—	—	—	—	—	—	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	—	—	—	—	—	—	—	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Cromo	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	—	—	—	—	—	—	—	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	15	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α-total	0,1	Bq/l	—	—	—	—	—	—	—	
β-total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH - Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(12,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatrazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilterbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclopir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolaclo (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halo metanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodichlorometano	—	µg/L	—	—	—	—	—	—	—	
Bromofórmio	—	µg/L	—	—	—	—	—	—	—	
Clorofórmio	—	µg/L	—	—	—	—	—	—	—	
Dibromochlorometano	—	µg/L	—	—	—	—	—	—	—	
Tetrachloroeteno e Tricloroeteno	10	µg/L	—	—	—	—	—	—	—	
Tetrachloroeteno	—	µg/L	—	—	—	—	—	—	—	
Tricloroeteno	—	µg/L	—	—	—	—	—	—	—	

Zona de Abastecimento
Chaminé

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLE DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	1	1	100%	0	0	0	100%	a)
Desinfetante residual	---	mg/L Cl2	1	1	100%	0,3	0,3	-	-	
Escherichia coli	0	Número/100mL	1	1	100%	0	0	0	100%	
CONTROLE DE ROTINA 2 (CR.2)										
Amônio	0,50	mg/L NH4	---	---	---	---	---	---	---	
Cheiro	3	Factor de diluição	---	---	---	---	---	---	---	
Condutividade	2500	µS/cm a 20°C	---	---	---	---	---	---	---	
Cor	20	mg/L PtCo	---	---	---	---	---	---	---	
Manganês	50	µg/L Mn	---	---	---	---	---	---	---	
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---	
Número de colônias a 22°C	Sem alteração	Número/mL	---	---	---	---	---	---	---	
Número de colônias a 36°C	Sem alteração	Número/mL	---	---	---	---	---	---	---	
Oxidabilidade	5,0	mg/L O2	---	---	---	---	---	---	---	
pH	6,5-9,5	scala de Sorensen	---	---	---	---	---	---	---	
Sabor	3	Factor de diluição	---	---	---	---	---	---	---	
Turvação	4	UNT	---	---	---	---	---	---	---	
CONTROLE DE INSPECCAO (CI)										
1,2-Dicloroetano	3	µg/L	---	---	---	---	---	---	---	
Alumínio	200	µg/L Al	---	---	---	---	---	---	---	
Antimônio	5,0	µg/L Sb	---	---	---	---	---	---	---	
Arsênio	10	µg/L As	---	---	---	---	---	---	---	
Benzeno	10	µg/L	---	---	---	---	---	---	---	
Benzo(a)pireno	0,010	µg/L	---	---	---	---	---	---	---	
Boro	10	mg/L B	---	---	---	---	---	---	---	
Bromato	10	µg/L BrO3	---	---	---	---	---	---	---	
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---	
Cálcio	---	mg/L Ca	---	---	---	---	---	---	---	
Chumbo	10	µg/L Pb	---	---	---	---	---	---	---	
Cianetos	50	µg/L CN	---	---	---	---	---	---	---	
Cloretos	250	mg/L Cl	---	---	---	---	---	---	---	
Clostridium perfringens	0	Número/100mL	---	---	---	---	---	---	---	
Cobre	2,0	mg/L Cu	---	---	---	---	---	---	---	
Crômio	50	µg/L Cr	---	---	---	---	---	---	---	
Dureza total	---	mg/L CaCO3	---	---	---	---	---	---	---	
Enterococos	0	Número/100mL	---	---	---	---	---	---	---	
Ferro	200	µg/L Fe	---	---	---	---	---	---	---	
Fluoretos	15	mg/L F	---	---	---	---	---	---	---	
Magnésio	---	mg/L Mg	---	---	---	---	---	---	---	
Mercurio	1	µg/L Hg	---	---	---	---	---	---	---	
Níquel	20	µg/L Ni	---	---	---	---	---	---	---	
Nitritos	0,5	mg/L NO2	---	---	---	---	---	---	---	
Selênio	10	µg/L Se	---	---	---	---	---	---	---	
Sódio	200	mg/L Na	---	---	---	---	---	---	---	
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---	
α- total	0,1	Bq/l	---	---	---	---	---	---	---	
β- total	1	Bq/l	---	---	---	---	---	---	---	
Dose Indicativa Total	0,1	mSv/ano	---	---	---	---	---	---	---	
Radão	500	Bq/l	---	---	---	---	---	---	---	
PAH - Totais	0,10	µg/L	---	---	---	---	---	---	---	
Benzo(b)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Benzo(ghi)perileno	---	µg/L	---	---	---	---	---	---	---	
Benzo(k)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Indeno(1,2,3-cd)pireno	---	µg/L	---	---	---	---	---	---	---	
Pesticidas Totais	0,5	µg/L	---	---	---	---	---	---	---	
2,4 D	0,1	µg/L	---	---	---	---	---	---	---	
Alacloro	0,1	µg/L	---	---	---	---	---	---	---	
Atrazina	0,1	µg/L	---	---	---	---	---	---	---	
Bentazona	0,1	µg/L	---	---	---	---	---	---	---	
Desetilatrazina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilterbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Diurão	0,1	µg/L	---	---	---	---	---	---	---	
S-Metalacloro	0,1	µg/L	---	---	---	---	---	---	---	
Terbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Triclopir	0,1	µg/L	---	---	---	---	---	---	---	
Cimoxanil	0,1	µg/L	---	---	---	---	---	---	---	
Dimetoato	0,1	µg/L	---	---	---	---	---	---	---	
Ometoato	0,1	µg/L	---	---	---	---	---	---	---	
Ditlocarbamatos	0,1	µg/L	---	---	---	---	---	---	---	
MCPA	0,1	µg/L	---	---	---	---	---	---	---	
Tebuconazol	0,1	µg/L	---	---	---	---	---	---	---	
Oxamil	0,1	µg/L	---	---	---	---	---	---	---	
Clorpirifos	0,1	µg/L	---	---	---	---	---	---	---	
Imidaclopride	0,1	µg/L	---	---	---	---	---	---	---	
Linurão	0,1	µg/L	---	---	---	---	---	---	---	
Metaxil (isômeros)	0,1	µg/L	---	---	---	---	---	---	---	
Metolaclo (isômeros)	0,1	µg/L	---	---	---	---	---	---	---	
Simazina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilsimazina	0,1	µg/L	---	---	---	---	---	---	---	
Tri-halometanos Totais	100	µg/L	---	---	---	---	---	---	---	
Bromodiclorometano	---	µg/L	---	---	---	---	---	---	---	
Bromoformio	---	µg/L	---	---	---	---	---	---	---	
Cloroformio	---	µg/L	---	---	---	---	---	---	---	
Dibromoclorometano	---	µg/L	---	---	---	---	---	---	---	
Tetracloreto e Tricloreto	10	µg/L	---	---	---	---	---	---	---	
Tetracloreto	---	µg/L	---	---	---	---	---	---	---	
Tricloreto	---	µg/L	---	---	---	---	---	---	---	

**Zona de Abastecimento
Concavada**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfetante residual	—	mg/L Cl2	3	3	100%	0,22	0,43	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	300	300	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganés	50	µg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	
Oxidabilidade	5,0	mg/L O2	—	—	—	—	—	—	—	
pH	6,5-9,5	escala de Sorense	1	1	100%	6,9	6,9	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turvação	4	UNT	1	1	100%	<0,3	<0,3	0	100%	
CONTROLO DE INSPEÇÃO (CI)										
12-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	1	1	100%	<20	<20	0	100%	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	1	1	100%	0	0	0	100%	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Crómio	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	15	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH - Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatrazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetiltetrabutiazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclopir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolaclo (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodichlorometano	—	µg/L	—	—	—	—	—	—	—	
Bromofórmio	—	µg/L	—	—	—	—	—	—	—	
Clorofórmio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetracloreto e Tricloreto	10	µg/L	—	—	—	—	—	—	—	
Tetracloreto	—	µg/L	—	—	—	—	—	—	—	
Tricloreto	—	µg/L	—	—	—	—	—	—	—	

**Zona de Abastecimento
Foz e Água Travessa**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLE DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	1	1	100%	0	0	0	100%	
Desinfetante residual	---	mg/L Cl2	1	1	100%	0,5	0,5	-	-	a)
Escherichia coli	0	Número/100mL	1	1	100%	0	0	0	100%	
CONTROLE DE ROTINA 2 (CR.2)										
Amônio	0,50	mg/L NH4	--	--	--	--	--	--	--	
Cheiro	3	Factor de diluição	--	--	--	--	--	--	--	
Condutividade	2500	µS/cm a 20°C	--	--	--	--	--	--	--	
Cor	20	mg/L PtCo	--	--	--	--	--	--	--	
Manganês	50	µg/L Mn	--	--	--	--	--	--	--	
Nitratos	50	mg/L NO3	--	--	--	--	--	--	--	
Numero de colônias a 22°C	Sem alteração	Número/mL	--	--	--	--	--	--	--	
Numero de colônias a 36°C	Sem alteração	Número/mL	--	--	--	--	--	--	--	
Oxidabilidade	5,0	mg/L O2	--	--	--	--	--	--	--	
pH	6,5-9,5	scala de Sorensen	--	--	--	--	--	--	--	
Sabor	3	Factor de diluição	--	--	--	--	--	--	--	
Turvação	4	UNT	--	--	--	--	--	--	--	
CONTROLE DE INSPECÇÃO (CI)										
1,2-Dicloroetano	3	µg/L	--	--	--	--	--	--	--	
Alumínio	200	µg/L Al	--	--	--	--	--	--	--	
Antimônio	5,0	µg/L Sb	--	--	--	--	--	--	--	
Arsênio	10	µg/L As	--	--	--	--	--	--	--	
Benzeno	10	µg/L	--	--	--	--	--	--	--	
Benzo(a)pireno	0,010	µg/L	--	--	--	--	--	--	--	
Boro	10	mg/L B	--	--	--	--	--	--	--	
Bromato	10	µg/L BrO3	--	--	--	--	--	--	--	
Cádmio	5,0	µg/L Cd	--	--	--	--	--	--	--	
Cálcio	---	mg/L Ca	--	--	--	--	--	--	--	
Chumbo	10	µg/L Pb	--	--	--	--	--	--	--	
Cianetos	50	µg/L CN	--	--	--	--	--	--	--	
Cloretos	250	mg/L Cl	--	--	--	--	--	--	--	
Clostridium perfringens	0	Número/100mL	--	--	--	--	--	--	--	
Cobre	2,0	mg/L Cu	--	--	--	--	--	--	--	
Crômio	50	µg/L Cr	--	--	--	--	--	--	--	
Dureza total	---	mg/L CaCO3	--	--	--	--	--	--	--	
Enterococos	0	Número/100mL	--	--	--	--	--	--	--	
Ferro	200	µg/L Fe	--	--	--	--	--	--	--	
Fluoretos	1,5	mg/L F	--	--	--	--	--	--	--	
Magnésio	---	mg/L Mg	--	--	--	--	--	--	--	
Mercurio	1	µg/L Hg	--	--	--	--	--	--	--	
Níquel	20	µg/L Ni	--	--	--	--	--	--	--	
Nitratos	0,5	mg/L NO2	--	--	--	--	--	--	--	
Selênio	10	µg/L Se	--	--	--	--	--	--	--	
Sódio	200	mg/L Na	--	--	--	--	--	--	--	
Sulfatos	250	mg/L SO4	--	--	--	--	--	--	--	
α- total	0,1	Bq/l	--	--	--	--	--	--	--	
β- total	1	Bq/l	--	--	--	--	--	--	--	
Dose Indicativa Total	0,1	mSv/ano	--	--	--	--	--	--	--	
Radão	500	Bq/l	--	--	--	--	--	--	--	
PAH - Totais	0,10	µg/L	--	--	--	--	--	--	--	
Benzo(b)fluoranteno	---	µg/L	--	--	--	--	--	--	--	
Benzo(ghi)perileno	---	µg/L	--	--	--	--	--	--	--	
Benzo(k)fluoranteno	---	µg/L	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pireno	---	µg/L	--	--	--	--	--	--	--	
Pesticidas Totais	0,5	µg/L	--	--	--	--	--	--	--	
2,4 D	0,1	µg/L	--	--	--	--	--	--	--	
Alacloro	0,1	µg/L	--	--	--	--	--	--	--	
Atrazina	0,1	µg/L	--	--	--	--	--	--	--	
Bentazona	0,1	µg/L	--	--	--	--	--	--	--	
Desetilatrazina	0,1	µg/L	--	--	--	--	--	--	--	
Desetilterbutilazina	0,1	µg/L	--	--	--	--	--	--	--	
Diurão	0,1	µg/L	--	--	--	--	--	--	--	
S-Metalacloro	0,1	µg/L	--	--	--	--	--	--	--	
Terbutilazina	0,1	µg/L	--	--	--	--	--	--	--	
Triclopir	0,1	µg/L	--	--	--	--	--	--	--	
Cimoxanil	0,1	µg/L	--	--	--	--	--	--	--	
Dimetoato	0,1	µg/L	--	--	--	--	--	--	--	
Ometoato	0,1	µg/L	--	--	--	--	--	--	--	
Ditiocarbamatos	0,1	µg/L	--	--	--	--	--	--	--	
MCPA	0,1	µg/L	--	--	--	--	--	--	--	
Tebuconazol	0,1	µg/L	--	--	--	--	--	--	--	
Oxamil	0,1	µg/L	--	--	--	--	--	--	--	
Clorpirifos	0,1	µg/L	--	--	--	--	--	--	--	
Imidaclopride	0,1	µg/L	--	--	--	--	--	--	--	
Linurão	0,1	µg/L	--	--	--	--	--	--	--	
Metalaxil (isômeros)	0,1	µg/L	--	--	--	--	--	--	--	
Metolaclo (isômeros)	0,1	µg/L	--	--	--	--	--	--	--	
Simazina	0,1	µg/L	--	--	--	--	--	--	--	
Desetilisimazina	0,1	µg/L	--	--	--	--	--	--	--	
Tri-halometanos Totais	100	µg/L	--	--	--	--	--	--	--	
Bromodichlorometano	---	µg/L	--	--	--	--	--	--	--	
Bromoformio	---	µg/L	--	--	--	--	--	--	--	
Cloroformio	---	µg/L	--	--	--	--	--	--	--	
Dibromoclorometano	---	µg/L	--	--	--	--	--	--	--	
Tetracloreteno e Tricloreteno	10	µg/L	--	--	--	--	--	--	--	
Tetracloreteno	---	µg/L	--	--	--	--	--	--	--	
Tricloreteno	---	µg/L	--	--	--	--	--	--	--	

Zona de Abastecimento
Mouriscas

Parâmetro	Valor Paramétrico (VP)		N.º Análises (P CQA)			Valores Obtidos		N.º Análises superiores VP	% Cumprimento do VP	Obs.
	VP	Unidades	N.º Análises Realizadas	N.º Análises Realizadas	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfectante residual	---	mg/L Cl2	3	3	100%	0,23	0,41	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	---	---	---	---	---	---	---	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	96	96	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	---	---	---	---	---	---	---	
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	---	---	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	---	---	a)
Oxidabilidade	5,0	mg/L O2	---	---	---	---	---	---	---	
pH	6,5-9,5	scala de Sorense	1	1	100%	7	7	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turvação	4	UNT	1	1	100%	<0,3	<0,3	0	100%	
CONTROLO DE INSPECÇÃO (CI)										
1,2-Dicloroetano	3	µg/L	---	---	---	---	---	---	---	
Alumínio	200	µg/L Al	1	1	100%	<20	<20	0	100%	
Antimónio	5,0	µg/L Sb	---	---	---	---	---	---	---	
Arsénio	10	µg/L As	---	---	---	---	---	---	---	
Benzeno	10	µg/L	---	---	---	---	---	---	---	
Benzo(a)pireno	0,010	µg/L	---	---	---	---	---	---	---	
Boro	10	mg/L B	---	---	---	---	---	---	---	
Bromato	10	µg/L BrO3	---	---	---	---	---	---	---	
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---	
Calcio	---	mg/L Ca	---	---	---	---	---	---	---	
Chumbo	10	µg/L Pb	---	---	---	---	---	---	---	
Cianetos	50	µg/L CN	---	---	---	---	---	---	---	
Cloretos	250	mg/L Cl	---	---	---	---	---	---	---	
Clostridium perfringens	0	Número/100mL	1	1	100%	0	0	0	100%	
Cobre	2,0	mg/L Cu	---	---	---	---	---	---	---	
Crómio	50	µg/L Cr	---	---	---	---	---	---	---	
Dureza total	---	mg/L CaCO3	---	---	---	---	---	---	---	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	---	---	---	---	---	---	---	
Fluoretos	15	mg/L F	---	---	---	---	---	---	---	
Magnésio	---	mg/L Mg	---	---	---	---	---	---	---	
Mercurio	1	µg/L Hg	---	---	---	---	---	---	---	
Níquel	20	µg/L Ni	---	---	---	---	---	---	---	
Nitritos	0,5	mg/L NO2	---	---	---	---	---	---	---	
Selénio	10	µg/L Se	---	---	---	---	---	---	---	
Sódio	200	mg/L Na	---	---	---	---	---	---	---	
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---	
α- total	0,1	Bq/l	---	---	---	---	---	---	---	
β- total	1	Bq/l	---	---	---	---	---	---	---	
Dose Indicativa Total	0,1	mSv/ano	---	---	---	---	---	---	---	
Radão	500	Bq/l	---	---	---	---	---	---	---	
PAH- Totais	0,10	µg/L	---	---	---	---	---	---	---	
Benzo(b)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Benzo(ghi)perileno	---	µg/L	---	---	---	---	---	---	---	
Benzo(k)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Indeno(1,2,3-cd)pireno	---	µg/L	---	---	---	---	---	---	---	
Pesticidas Totais	0,5	µg/L	---	---	---	---	---	---	---	
2,4 D	0,1	µg/L	---	---	---	---	---	---	---	
Alacloro	0,1	µg/L	---	---	---	---	---	---	---	
Atrazina	0,1	µg/L	---	---	---	---	---	---	---	
Bentazona	0,1	µg/L	---	---	---	---	---	---	---	
Desetilatrazina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilterbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Diurão	0,1	µg/L	---	---	---	---	---	---	---	
S-Metalacloro	0,1	µg/L	---	---	---	---	---	---	---	
Terbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Triclopir	0,1	µg/L	---	---	---	---	---	---	---	
Cimoxanil	0,1	µg/L	---	---	---	---	---	---	---	
Dimetoato	0,1	µg/L	---	---	---	---	---	---	---	
Ometoato	0,1	µg/L	---	---	---	---	---	---	---	
Ditiocarbamatos	0,1	µg/L	---	---	---	---	---	---	---	
MCPA	0,1	µg/L	---	---	---	---	---	---	---	
Tebuconazol	0,1	µg/L	---	---	---	---	---	---	---	
Oxamit	0,1	µg/L	---	---	---	---	---	---	---	
Clorpirifos	0,1	µg/L	---	---	---	---	---	---	---	
Imidaclopride	0,1	µg/L	---	---	---	---	---	---	---	
Linurão	0,1	µg/L	---	---	---	---	---	---	---	
Metalaxil (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Metolaclo (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Simazina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilsimazina	0,1	µg/L	---	---	---	---	---	---	---	
Tri-halometanos Totais	100	µg/L	---	---	---	---	---	---	---	
Bromodichlorometano	---	µg/L	---	---	---	---	---	---	---	
Bromofórmio	---	µg/L	---	---	---	---	---	---	---	
Clorofórmio	---	µg/L	---	---	---	---	---	---	---	
Dibromoclorometano	---	µg/L	---	---	---	---	---	---	---	
Tetracloreto e Tricloreto	10	µg/L	---	---	---	---	---	---	---	
Tetracloreto	---	µg/L	---	---	---	---	---	---	---	
Tricloreto	---	µg/L	---	---	---	---	---	---	---	

Zona de Abastecimento
Pego

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfetante residual	—	mg/L Cl2	3	3	100%	0,24	0,48	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Conductividade	2500	µS/cm a 20°C	1	1	100%	270	270	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	mg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	-	-	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	-	-	a)
Oxidabilidade	5,0	mg/L O2	1	1	100%	<1	<1	0	100%	
pH	6,5-9,5	escala de Sorense	1	1	100%	7,9	7,9	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turvação	4	UNT	1	1	100%	<0,3	<0,3	0	100%	
CONTROLO DE INSPECCÃO (CI)										
12-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	—	—	—	—	—	—	—	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	—	—	—	—	—	—	—	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Crómio	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	15	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitrato	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH- Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatrazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilterbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclopir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metalaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolaclo(ro)isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodichlorometano	—	µg/L	—	—	—	—	—	—	—	
Bromofórmio	—	µg/L	—	—	—	—	—	—	—	
Clorofórmio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetraclo(ro)eteno e Tricloroeteno	10	µg/L	—	—	—	—	—	—	—	
Tetraclo(ro)eteno	—	µg/L	—	—	—	—	—	—	—	
Tricloroeteno	—	µg/L	—	—	—	—	—	—	—	

Zona de Abastecimento
Rio de Moinhos

Parâmetro	Valor Paramétrico (VP)		N.º Análises (P.CQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfetante residual	—	mg/L Cl2	3	3	100%	0,27	0,34	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	120	120	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganés	50	µg/L Mn	1	1	100%	2,3	2,3	0	100%	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Oxidabilidade	5,0	mg/L O2	1	1	100%	<1	<1	0	100%	
pH	6,5-9,5	scala de Sorensen	1	1	100%	7,1	7,1	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turbvação	4	UNT	1	1	100%	0,3	0,3	0	100%	
CONTROLO DE INSPECÇÃO (CI)										
1,2-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	1	1	100%	31	31	0	100%	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	1	1	100%	0	0	0	100%	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Crómio	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	15	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH- Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatrizona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilterbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclopir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metalaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolacloro (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodiclorometano	—	µg/L	—	—	—	—	—	—	—	
Bromofórmio	—	µg/L	—	—	—	—	—	—	—	
Clorofórmio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetracloreto e Tricloreto	10	µg/L	—	—	—	—	—	—	—	
Tetracloreto	—	µg/L	—	—	—	—	—	—	—	
Tricloreto	—	µg/L	—	—	—	—	—	—	—	

**Zona de Abastecimento
S Miguel do Rio Torto**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfectante residual	---	mg/L Cl2	3	3	100%	0,37	0,43	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	---	---	---	---	---	---	---	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	180	180	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	---	---	---	---	---	---	---	
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	---	---	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	---	---	a)
Oxidabilidade	5,0	mg/L O2	1	1	100%	<1	<1	0	100%	
pH	6,5-9,5	scala de Sorensen	1	1	100%	7,2	7,2	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turbacão	4	UNT	1	1	100%	<0,3	<0,3	0	100%	
CONTROLO DE INSPECCÃO (CI)										
1,2-Dicloroetano	3	µg/L	---	---	---	---	---	---	---	
Alumínio	200	µg/L Al	---	---	---	---	---	---	---	
Antimónio	5,0	µg/L Sb	---	---	---	---	---	---	---	
Arsénio	10	µg/L As	---	---	---	---	---	---	---	
Benzeno	10	µg/L	---	---	---	---	---	---	---	
Benzo(a)pireno	0,010	µg/L	---	---	---	---	---	---	---	
Boro	10	mg/L B	---	---	---	---	---	---	---	
Bromato	10	µg/L BrO3	---	---	---	---	---	---	---	
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---	
Cálcio	---	mg/L Ca	---	---	---	---	---	---	---	
Chumbo	10	µg/L Pb	---	---	---	---	---	---	---	
Cianetos	50	µg/L CN	---	---	---	---	---	---	---	
Cloretos	250	mg/L Cl	---	---	---	---	---	---	---	
Clostridium perfringens	0	Número/100mL	---	---	---	---	---	---	---	
Cobre	2,0	mg/L Cu	---	---	---	---	---	---	---	
Crómio	50	µg/L Cr	---	---	---	---	---	---	---	
Dureza total	---	mg/L CaCO3	---	---	---	---	---	---	---	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	---	---	---	---	---	---	---	
Fluoretos	1,5	mg/L F	---	---	---	---	---	---	---	
Magnésio	---	mg/L Mg	---	---	---	---	---	---	---	
Mercurio	1	µg/L Hg	---	---	---	---	---	---	---	
Níquel	20	µg/L Ni	---	---	---	---	---	---	---	
Nitritos	0,5	mg/L NO2	---	---	---	---	---	---	---	
Selénio	10	µg/L Se	---	---	---	---	---	---	---	
Sódio	200	mg/L Na	---	---	---	---	---	---	---	
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---	
α- total	0,1	Bq/l	---	---	---	---	---	---	---	
β- total	1	Bq/l	---	---	---	---	---	---	---	
Dose Indicativa Total	0,1	mSv/ano	---	---	---	---	---	---	---	
Radão	500	Bq/l	---	---	---	---	---	---	---	
PAH- Totais	0,10	µg/L	---	---	---	---	---	---	---	
Benzo(b)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Benzo(ghi)perileno	---	µg/L	---	---	---	---	---	---	---	
Benzo(k)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Indeno(1,2,3-cd)pireno	---	µg/L	---	---	---	---	---	---	---	
Pesticidas Totais	0,5	µg/L	---	---	---	---	---	---	---	
2,4 D	0,1	µg/L	---	---	---	---	---	---	---	
Alacloro	0,1	µg/L	---	---	---	---	---	---	---	
Atrazina	0,1	µg/L	---	---	---	---	---	---	---	
Bentazona	0,1	µg/L	---	---	---	---	---	---	---	
Desetilatraxina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilterbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Diurão	0,1	µg/L	---	---	---	---	---	---	---	
S-Metalacloro	0,1	µg/L	---	---	---	---	---	---	---	
Terbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Triclopir	0,1	µg/L	---	---	---	---	---	---	---	
Cimoxanil	0,1	µg/L	---	---	---	---	---	---	---	
Dimetoato	0,1	µg/L	---	---	---	---	---	---	---	
Ometoato	0,1	µg/L	---	---	---	---	---	---	---	
Ditiocarbamatos	0,1	µg/L	---	---	---	---	---	---	---	
MCPA	0,1	µg/L	---	---	---	---	---	---	---	
Tebuconazol	0,1	µg/L	---	---	---	---	---	---	---	
Oxamil	0,1	µg/L	---	---	---	---	---	---	---	
Clorpirifos	0,1	µg/L	---	---	---	---	---	---	---	
Imidaclopride	0,1	µg/L	---	---	---	---	---	---	---	
Linurão	0,1	µg/L	---	---	---	---	---	---	---	
Metalaxil (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Metolaclo (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Simazina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilsimazina	0,1	µg/L	---	---	---	---	---	---	---	
Tri-halometanos Totais	100	µg/L	---	---	---	---	---	---	---	
Bromodiclorometano	---	µg/L	---	---	---	---	---	---	---	
Bromofórmio	---	µg/L	---	---	---	---	---	---	---	
Clorofórmio	---	µg/L	---	---	---	---	---	---	---	
Dibromoclorometano	---	µg/L	---	---	---	---	---	---	---	
Tetracloreteno e Tricloreteno	10	µg/L	---	---	---	---	---	---	---	
Tetracloreteno	---	µg/L	---	---	---	---	---	---	---	
Tricloreteno	---	µg/L	---	---	---	---	---	---	---	

**Zona de Abastecimento
Rossio ao Sul do Tejo**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º	%	Obs.
	VP	Unidades	Análises Realizadas	Análises Realizadas	% Análises Realizadas	Valor Min	Valor Max	Análises superiores	Cumprimento do VP	
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfectante residual	---	mg/L Cl2	3	3	100%	0,32	0,52	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	---	---	---	---	---	---	---	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	190	190	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganés	50	µg/L Mn	---	---	---	---	---	---	---	
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	-	-	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	-	-	a)
Oxidabilidade	5,0	mg/L O2	1	1	100%	<1	<1	0	100%	
pH	6,5-9,5	scala de Sorense	1	1	100%	7,5	7,5	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turbvação	4	UNT	1	1	100%	<0,3	<0,3	0	100%	
CONTROLO DE INSPECCAO (CI)										
12-Dicloroetano	3	µg/L	---	---	---	---	---	---	---	
Alumínio	200	µg/L Al	---	---	---	---	---	---	---	
Antimónio	5,0	µg/L Sb	---	---	---	---	---	---	---	
Arsénio	10	µg/L As	---	---	---	---	---	---	---	
Benzeno	10	µg/L	---	---	---	---	---	---	---	
Benzo(a)pireno	0,010	µg/L	---	---	---	---	---	---	---	
Boro	10	mg/L B	---	---	---	---	---	---	---	
Bromato	10	µg/L BrO3	---	---	---	---	---	---	---	
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---	
Cálcio	---	mg/L Ca	---	---	---	---	---	---	---	
Chumbo	10	µg/L Pb	---	---	---	---	---	---	---	
Cianetos	50	µg/L CN	---	---	---	---	---	---	---	
Cloretos	250	mg/L Cl	---	---	---	---	---	---	---	
Clostridium perfringens	0	Número/100mL	---	---	---	---	---	---	---	
Cobre	2,0	mg/L Cu	---	---	---	---	---	---	---	
Crómio	50	µg/L Cr	---	---	---	---	---	---	---	
Dureza total	---	mg/L CaCO3	---	---	---	---	---	---	---	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	---	---	---	---	---	---	---	
Fluoretos	15	mg/L F	---	---	---	---	---	---	---	
Magnésio	---	mg/L Mg	---	---	---	---	---	---	---	
Mercurio	1	µg/L Hg	---	---	---	---	---	---	---	
Níquel	20	µg/L Ni	---	---	---	---	---	---	---	
Nitritos	0,5	mg/L NO2	---	---	---	---	---	---	---	
Selénio	10	µg/L Se	---	---	---	---	---	---	---	
Sódio	200	mg/L Na	---	---	---	---	---	---	---	
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---	
α-total	0,1	Bq/l	---	---	---	---	---	---	---	
β-total	1	Bq/l	---	---	---	---	---	---	---	
Dose Indicativa Total	0,1	mSv/ano	---	---	---	---	---	---	---	
Radão	500	Bq/l	---	---	---	---	---	---	---	
PAH - Totais	0,10	µg/L	---	---	---	---	---	---	---	
Benzo(b)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Benzo(ghi)perileno	---	µg/L	---	---	---	---	---	---	---	
Benzo(k)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Indeno(12,3-cd)pireno	---	µg/L	---	---	---	---	---	---	---	
Pesticidas Totais	0,5	µg/L	---	---	---	---	---	---	---	
2,4 D	0,1	µg/L	---	---	---	---	---	---	---	
Alacloro	0,1	µg/L	---	---	---	---	---	---	---	
Atrazina	0,1	µg/L	---	---	---	---	---	---	---	
Bentazona	0,1	µg/L	---	---	---	---	---	---	---	
Desetilatrazina	0,1	µg/L	---	---	---	---	---	---	---	
Desetiltetrabutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Diurão	0,1	µg/L	---	---	---	---	---	---	---	
S-Metalacloro	0,1	µg/L	---	---	---	---	---	---	---	
Terbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Triclopir	0,1	µg/L	---	---	---	---	---	---	---	
Cimoxanil	0,1	µg/L	---	---	---	---	---	---	---	
Dimetoato	0,1	µg/L	---	---	---	---	---	---	---	
Ometoato	0,1	µg/L	---	---	---	---	---	---	---	
Ditiocarbamatos	0,1	µg/L	---	---	---	---	---	---	---	
MCPA	0,1	µg/L	---	---	---	---	---	---	---	
Tebuconazol	0,1	µg/L	---	---	---	---	---	---	---	
Oxamit	0,1	µg/L	---	---	---	---	---	---	---	
Clorpirifos	0,1	µg/L	---	---	---	---	---	---	---	
Imidaclopride	0,1	µg/L	---	---	---	---	---	---	---	
Linurão	0,1	µg/L	---	---	---	---	---	---	---	
Metalaxil (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Metolaclo (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Simazina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilsimazina	0,1	µg/L	---	---	---	---	---	---	---	
Tri-halometanos Totais	100	µg/L	---	---	---	---	---	---	---	
Bromodiclorometano	---	µg/L	---	---	---	---	---	---	---	
Bromofórmio	---	µg/L	---	---	---	---	---	---	---	
Clorofórmio	---	µg/L	---	---	---	---	---	---	---	
Dibromoclorometano	---	µg/L	---	---	---	---	---	---	---	
Tetracloreto e Tricloreto	10	µg/L	---	---	---	---	---	---	---	
Tetracloreto	---	µg/L	---	---	---	---	---	---	---	
Tricloreto	---	µg/L	---	---	---	---	---	---	---	

Zona de Abastecimento
Fontes – Souto Norte

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	% Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfetante residual	—	mg/L Cl2	3	3	100%	0,27	0,34	-		a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	83	83	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Oxidabilidade	5,0	mg/L O2	—	—	—	—	—	—	—	
pH	6,5-9,5	scala de Sorense	1	1	100%	7,8	7,8	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turvação	4	UNT	1	1	100%	0,91	0,91	0	100%	
CONTROLO DE INSPECCÃO (CI)										
12-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	—	—	—	—	—	—	—	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	1	1	100%	0	0	0	100%	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Cromo	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	15	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH- Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatraxina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilerbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclorpir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metalaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolacloro (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodiclorometano	—	µg/L	—	—	—	—	—	—	—	
Bromofórmio	—	µg/L	—	—	—	—	—	—	—	
Clorofórmio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetracloreto e Tricloreto	10	µg/L	—	—	—	—	—	—	—	
Tetracloreto	—	µg/L	—	—	—	—	—	—	—	
Tricloreto	—	µg/L	—	—	—	—	—	—	—	

**Zona de Abastecimento
Tramagal**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º	%	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max	Análises superiores	Cumprimento do VP	
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfetante residual	—	mg/L Cl2	3	3	100%	0,45	0,48	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	170	170	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	—	—	a)
Oxidabilidade	5,0	mg/L O2	—	—	—	—	—	—	—	
pH	6,5-9,5	scala de Sorensen	1	1	100%	7,3	7,3	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turvação	4	UNT	1	1	100%	<0,4	<0,4	0	100%	
CONTROLO DE INSPECCAO (CI)										
1,2-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	—	—	—	—	—	—	—	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	1	1	100%	<2	<2	0	100%	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	—	—	—	—	—	—	—	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Crómio	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	15	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH - Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilatrazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilterbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclopír	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolaclo (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodiclorometano	—	µg/L	—	—	—	—	—	—	—	
Bromoformio	—	µg/L	—	—	—	—	—	—	—	
Cloroformio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetracloreto e Tricloreto	10	µg/L	—	—	—	—	—	—	—	
Tetracloreto	—	µg/L	—	—	—	—	—	—	—	
Tricloreto	—	µg/L	—	—	—	—	—	—	—	

**Zona de Abastecimento
Vale de Açor (Fontes)**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º	%	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max	Análises superiores	Cumprimento do VP	
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	--	--	--	--	--	--	--	--
Desinfectante residual	--	mg/L Cl2	--	--	--	--	--	--	--	--
Escherichia coli	0	Número/100mL	--	--	--	--	--	--	--	--
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	--	--	--	--	--	--	--	--
Cheiro	3	Factor de diluição	--	--	--	--	--	--	--	--
Condutividade	2500	µS/cm a 20°C	--	--	--	--	--	--	--	--
Cor	20	mg/L PtCo	--	--	--	--	--	--	--	--
Manganês	50	µg/L Mn	--	--	--	--	--	--	--	--
Nitratos	50	mg/L NO3	--	--	--	--	--	--	--	--
Número de colónias a 22°C	Sem alteração	Número/mL	--	--	--	--	--	--	--	--
Número de colónias a 36°C	Sem alteração	Número/mL	--	--	--	--	--	--	--	--
Oxidabilidade	5,0	mg/L O2	--	--	--	--	--	--	--	--
pH	6,5-9,5	scala de Sorense	--	--	--	--	--	--	--	--
Sabor	3	Factor de diluição	--	--	--	--	--	--	--	--
Turvação	4	UNT	--	--	--	--	--	--	--	--
CONTROLO DE INSPECÇÃO (CI)										
1,2-Dicloroetano	3	µg/L	--	--	--	--	--	--	--	--
Alumínio	200	µg/L Al	--	--	--	--	--	--	--	--
Antimónio	5,0	µg/L Sb	--	--	--	--	--	--	--	--
Arsénio	10	µg/L As	--	--	--	--	--	--	--	--
Benzeno	10	µg/L	--	--	--	--	--	--	--	--
Benzo(a)pireno	0,010	µg/L	--	--	--	--	--	--	--	--
Boro	10	mg/L B	--	--	--	--	--	--	--	--
Bromato	10	µg/L BrO3	--	--	--	--	--	--	--	--
Cádmio	5,0	µg/L Cd	--	--	--	--	--	--	--	--
Cálcio	--	mg/L Ca	--	--	--	--	--	--	--	--
Chumbo	10	µg/L Pb	--	--	--	--	--	--	--	--
Cianetos	50	µg/L CN	--	--	--	--	--	--	--	--
Cloretos	250	mg/L Cl	--	--	--	--	--	--	--	--
Clostridium perfringens	0	Número/100mL	--	--	--	--	--	--	--	--
Cobre	2,0	mg/L Cu	--	--	--	--	--	--	--	--
Crómio	50	µg/L Cr	--	--	--	--	--	--	--	--
Dureza total	--	mg/L CaCO3	--	--	--	--	--	--	--	--
Enterococos	0	Número/100mL	--	--	--	--	--	--	--	--
Ferro	200	µg/L Fe	--	--	--	--	--	--	--	--
Fluoretos	15	mg/L F	--	--	--	--	--	--	--	--
Magnésio	--	mg/L Mg	--	--	--	--	--	--	--	--
Mercurio	1	µg/L Hg	--	--	--	--	--	--	--	--
Níquel	20	µg/L Ni	--	--	--	--	--	--	--	--
Nitratos	0,5	mg/L NO2	--	--	--	--	--	--	--	--
Selénio	10	µg/L Se	--	--	--	--	--	--	--	--
Sódio	200	mg/L Na	--	--	--	--	--	--	--	--
Sulfatos	250	mg/L SO4	--	--	--	--	--	--	--	--
α- total	0,1	Bq/l	--	--	--	--	--	--	--	--
β- total	1	Bq/l	--	--	--	--	--	--	--	--
Dose Indicativa Total	0,1	mSv/ano	--	--	--	--	--	--	--	--
Radão	500	Bq/l	--	--	--	--	--	--	--	--
PAH - Totais	0,10	µg/L	--	--	--	--	--	--	--	--
Benzo(b)fluoranteno	--	µg/L	--	--	--	--	--	--	--	--
Benzo(ghi)perileno	--	µg/L	--	--	--	--	--	--	--	--
Benzo(k)fluoranteno	--	µg/L	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pireno	--	µg/L	--	--	--	--	--	--	--	--
Pesticidas Totais	0,5	µg/L	--	--	--	--	--	--	--	--
2,4 D	0,1	µg/L	--	--	--	--	--	--	--	--
Alacloro	0,1	µg/L	--	--	--	--	--	--	--	--
Atrazina	0,1	µg/L	--	--	--	--	--	--	--	--
Bentazona	0,1	µg/L	--	--	--	--	--	--	--	--
Desetilatrazina	0,1	µg/L	--	--	--	--	--	--	--	--
Desetilerbutilazina	0,1	µg/L	--	--	--	--	--	--	--	--
Diurão	0,1	µg/L	--	--	--	--	--	--	--	--
S-Metalacloro	0,1	µg/L	--	--	--	--	--	--	--	--
Terbutilazina	0,1	µg/L	--	--	--	--	--	--	--	--
Triclopir	0,1	µg/L	--	--	--	--	--	--	--	--
Cimoxanil	0,1	µg/L	--	--	--	--	--	--	--	--
Dimetoato	0,1	µg/L	--	--	--	--	--	--	--	--
Ometoato	0,1	µg/L	--	--	--	--	--	--	--	--
Ditiocarbamatos	0,1	µg/L	--	--	--	--	--	--	--	--
MCPA	0,1	µg/L	--	--	--	--	--	--	--	--
Tebuconazol	0,1	µg/L	--	--	--	--	--	--	--	--
Oxamil	0,1	µg/L	--	--	--	--	--	--	--	--
Clorpirifos	0,1	µg/L	--	--	--	--	--	--	--	--
Imidaclopride	0,1	µg/L	--	--	--	--	--	--	--	--
Linurão	0,1	µg/L	--	--	--	--	--	--	--	--
Metalaxil (isómeros)	0,1	µg/L	--	--	--	--	--	--	--	--
Metolacloro(isómeros)	0,1	µg/L	--	--	--	--	--	--	--	--
Simazina	0,1	µg/L	--	--	--	--	--	--	--	--
Desetilisimazina	0,1	µg/L	--	--	--	--	--	--	--	--
Tri-halometanos Totais	100	µg/L	--	--	--	--	--	--	--	--
Bromodiclorometano	--	µg/L	--	--	--	--	--	--	--	--
Bromofórmio	--	µg/L	--	--	--	--	--	--	--	--
Clorofórmio	--	µg/L	--	--	--	--	--	--	--	--
Dibromoclorometano	--	µg/L	--	--	--	--	--	--	--	--
Tetracloreteno e Tricloreteno	10	µg/L	--	--	--	--	--	--	--	--
Tetracloreteno	--	µg/L	--	--	--	--	--	--	--	--
Tricloreteno	--	µg/L	--	--	--	--	--	--	--	--

**Zona de Abastecimento
Vale de Cortiças**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	1	1	100%	0	0	0	100%	
Desinfetante residual	—	mg/L Cl2	1	1	100%	0,26	0,26	-	-	a)
Escherichia coli	0	Número/100mL	1	1	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—	
Cheiro	3	Factor de diluição	—	—	—	—	—	—	—	
Condutividade	2500	µS/cm a 20°C	—	—	—	—	—	—	—	
Cor	20	mg/L PtCo	—	—	—	—	—	—	—	
Manganês	50	µg/L Mn	—	—	—	—	—	—	—	
Nitratos	50	mg/L NO3	—	—	—	—	—	—	—	
Número de colónias a 22°C	Sem alteração	Número/mL	—	—	—	—	—	—	—	
Número de colónias a 36°C	Sem alteração	Número/mL	—	—	—	—	—	—	—	
Oxidabilidade	5,0	mg/L O2	—	—	—	—	—	—	—	
pH	6,5-9,5	escala de Sorensen	—	—	—	—	—	—	—	
Sabor	3	Factor de diluição	—	—	—	—	—	—	—	
Turbvação	4	UNT	—	—	—	—	—	—	—	
CONTROLO DE INSPECCAO (CI)										
1,2-Dicloroetano	3	µg/L	—	—	—	—	—	—	—	
Alumínio	200	µg/L Al	—	—	—	—	—	—	—	
Antimónio	5,0	µg/L Sb	—	—	—	—	—	—	—	
Arsénio	10	µg/L As	—	—	—	—	—	—	—	
Benzeno	10	µg/L	—	—	—	—	—	—	—	
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—	
Boro	10	mg/L B	—	—	—	—	—	—	—	
Bromato	10	µg/L BrO3	—	—	—	—	—	—	—	
Cádmio	5,0	µg/L Cd	—	—	—	—	—	—	—	
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—	
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—	
Cianetos	50	µg/L CN	—	—	—	—	—	—	—	
Cloretos	250	mg/L Cl	—	—	—	—	—	—	—	
Clostridium perfringens	0	Número/100mL	—	—	—	—	—	—	—	
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—	
Crómio	50	µg/L Cr	—	—	—	—	—	—	—	
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—	
Enterococos	0	Número/100mL	—	—	—	—	—	—	—	
Ferro	200	µg/L Fe	—	—	—	—	—	—	—	
Fluoretos	1,5	mg/L F	—	—	—	—	—	—	—	
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—	
Mercurio	1	µg/L Hg	—	—	—	—	—	—	—	
Níquel	20	µg/L Ni	—	—	—	—	—	—	—	
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—	
Selénio	10	µg/L Se	—	—	—	—	—	—	—	
Sódio	200	mg/L Na	—	—	—	—	—	—	—	
Sulfatos	250	mg/L SO4	—	—	—	—	—	—	—	
α- total	0,1	Bq/l	—	—	—	—	—	—	—	
β- total	1	Bq/l	—	—	—	—	—	—	—	
Dose Indicativa Total	0,1	mSv/ano	—	—	—	—	—	—	—	
Radão	500	Bq/l	—	—	—	—	—	—	—	
PAH - Totais	0,10	µg/L	—	—	—	—	—	—	—	
Benzo(b)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Benzo(ghi)perileno	—	µg/L	—	—	—	—	—	—	—	
Benzo(k)fluoranteno	—	µg/L	—	—	—	—	—	—	—	
Indeno(1,2,3-cd)pireno	—	µg/L	—	—	—	—	—	—	—	
Pesticidas Totais	0,5	µg/L	—	—	—	—	—	—	—	
2,4 D	0,1	µg/L	—	—	—	—	—	—	—	
Alacloro	0,1	µg/L	—	—	—	—	—	—	—	
Atrazina	0,1	µg/L	—	—	—	—	—	—	—	
Bentazona	0,1	µg/L	—	—	—	—	—	—	—	
Desetilazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilterbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Diurão	0,1	µg/L	—	—	—	—	—	—	—	
S-Metalacloro	0,1	µg/L	—	—	—	—	—	—	—	
Terbutilazina	0,1	µg/L	—	—	—	—	—	—	—	
Triclopir	0,1	µg/L	—	—	—	—	—	—	—	
Cimoxanil	0,1	µg/L	—	—	—	—	—	—	—	
Dimetoato	0,1	µg/L	—	—	—	—	—	—	—	
Ometoato	0,1	µg/L	—	—	—	—	—	—	—	
Ditiocarbamatos	0,1	µg/L	—	—	—	—	—	—	—	
MCPA	0,1	µg/L	—	—	—	—	—	—	—	
Tebuconazol	0,1	µg/L	—	—	—	—	—	—	—	
Oxamil	0,1	µg/L	—	—	—	—	—	—	—	
Clorpirifos	0,1	µg/L	—	—	—	—	—	—	—	
Imidaclopride	0,1	µg/L	—	—	—	—	—	—	—	
Linurão	0,1	µg/L	—	—	—	—	—	—	—	
Metalaxil (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Metolaclo (isómeros)	0,1	µg/L	—	—	—	—	—	—	—	
Simazina	0,1	µg/L	—	—	—	—	—	—	—	
Desetilsimazina	0,1	µg/L	—	—	—	—	—	—	—	
Tri-halometanos Totais	100	µg/L	—	—	—	—	—	—	—	
Bromodiclorometano	—	µg/L	—	—	—	—	—	—	—	
Bromofórmio	—	µg/L	—	—	—	—	—	—	—	
Clorofórmio	—	µg/L	—	—	—	—	—	—	—	
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—	
Tetracloroeteno e Tricloroeteno	10	µg/L	—	—	—	—	—	—	—	
Tetracloroeteno	—	µg/L	—	—	—	—	—	—	—	
Tricloroeteno	—	µg/L	—	—	—	—	—	—	—	

**Zona de Abastecimento
Vale das Mós**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º	%	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max	Análises superiores	Cumprimento do VP	
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	3	3	100%	0	0	0	100%	
Desinfectante residual	---	mg/L Cl2	3	3	100%	0,41	0,53	-	-	a)
Escherichia coli	0	Número/100mL	3	3	100%	0	0	0	100%	
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	---	---	---	---	---	---	---	
Cheiro	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Condutividade	2500	µS/cm a 20°C	1	1	100%	150	150	0	100%	
Cor	20	mg/L PtCo	1	1	100%	<2	<2	0	100%	
Manganês	50	µg/L Mn	---	---	---	---	---	---	---	
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---	
Número de colónias a 22°C	Sem alteração	Número/mL	1	1	100%	0	0	---	100%	a)
Número de colónias a 36°C	Sem alteração	Número/mL	1	1	100%	0	0	---	100%	a)
Oxidabilidade	5,0	mg/L O2	---	---	---	---	---	---	---	
pH	6,5-9,5	scala de Sorense	1	1	100%	7,4	7,4	0	100%	
Sabor	3	Factor de diluição	1	1	100%	<1	<1	0	100%	
Turvação	4	UNT	1	1	100%	<0,3	<0,3	0	100%	
CONTROLO DE INSPECCAO (CI)										
12-Dicloroetano	3	µg/L	---	---	---	---	---	---	---	
Alumínio	200	µg/L Al	---	---	---	---	---	---	---	
Antimónio	5,0	µg/L Sb	---	---	---	---	---	---	---	
Arsénio	10	µg/L As	---	---	---	---	---	---	---	
Benzeno	10	µg/L	---	---	---	---	---	---	---	
Benzo(a)pireno	0,010	µg/L	---	---	---	---	---	---	---	
Boro	10	mg/L B	---	---	---	---	---	---	---	
Bromato	10	µg/L BrO3	---	---	---	---	---	---	---	
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---	
Cálcio	---	mg/L Ca	---	---	---	---	---	---	---	
Chumbo	10	µg/L Pb	---	---	---	---	---	---	---	
Cianetos	50	µg/L CN	---	---	---	---	---	---	---	
Cloretos	250	mg/L Cl	---	---	---	---	---	---	---	
Clostridium perfringens	0	Número/100mL	---	---	---	---	---	---	---	
Cobre	2,0	mg/L Cu	---	---	---	---	---	---	---	
Crómio	50	µg/L Cr	---	---	---	---	---	---	---	
Dureza total	---	mg/L CaCO3	---	---	---	---	---	---	---	
Enterococos	0	Número/100mL	1	1	100%	0	0	0	100%	
Ferro	200	µg/L Fe	---	---	---	---	---	---	---	
Fluoretos	15	mg/L F	---	---	---	---	---	---	---	
Magnésio	---	mg/L Mg	---	---	---	---	---	---	---	
Mercurio	1	µg/L Hg	---	---	---	---	---	---	---	
Níquel	20	µg/L Ni	---	---	---	---	---	---	---	
Nitritos	0,5	mg/L NO2	---	---	---	---	---	---	---	
Selénio	10	µg/L Se	---	---	---	---	---	---	---	
Sódio	200	mg/L Na	---	---	---	---	---	---	---	
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---	
α- total	0,1	Bq/l	---	---	---	---	---	---	---	
β- total	1	Bq/l	---	---	---	---	---	---	---	
Dose Indicativa Total	0,1	mSv/ano	---	---	---	---	---	---	---	
Radão	500	Bq/l	---	---	---	---	---	---	---	
PAH - Totais	0,10	µg/L	---	---	---	---	---	---	---	
Benzo(b)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Benzo(ghi)perileno	---	µg/L	---	---	---	---	---	---	---	
Benzo(k)fluoranteno	---	µg/L	---	---	---	---	---	---	---	
Indeno(1,2,3-cd)pireno	---	µg/L	---	---	---	---	---	---	---	
Pesticidas Totais	0,5	µg/L	---	---	---	---	---	---	---	
2,4 D	0,1	µg/L	---	---	---	---	---	---	---	
Alacloro	0,1	µg/L	---	---	---	---	---	---	---	
Atrazina	0,1	µg/L	---	---	---	---	---	---	---	
Bentazona	0,1	µg/L	---	---	---	---	---	---	---	
Desetilatraxina	0,1	µg/L	---	---	---	---	---	---	---	
Desetiltributilazina	0,1	µg/L	---	---	---	---	---	---	---	
Diurão	0,1	µg/L	---	---	---	---	---	---	---	
S-Metalacloro	0,1	µg/L	---	---	---	---	---	---	---	
Terbutilazina	0,1	µg/L	---	---	---	---	---	---	---	
Triclopir	0,1	µg/L	---	---	---	---	---	---	---	
Cimoxanil	0,1	µg/L	---	---	---	---	---	---	---	
Dimetoato	0,1	µg/L	---	---	---	---	---	---	---	
Ometoato	0,1	µg/L	---	---	---	---	---	---	---	
Ditiocarbamatos	0,1	µg/L	---	---	---	---	---	---	---	
MCPA	0,1	µg/L	---	---	---	---	---	---	---	
Tebuconazol	0,1	µg/L	---	---	---	---	---	---	---	
Oxamil	0,1	µg/L	---	---	---	---	---	---	---	
Clorpirifos	0,1	µg/L	---	---	---	---	---	---	---	
Imidaclopride	0,1	µg/L	---	---	---	---	---	---	---	
Linurão	0,1	µg/L	---	---	---	---	---	---	---	
Metalaxil (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Metolacloro (isómeros)	0,1	µg/L	---	---	---	---	---	---	---	
Simazina	0,1	µg/L	---	---	---	---	---	---	---	
Desetilsimazina	0,1	µg/L	---	---	---	---	---	---	---	
Tri-halometanos Totais	100	µg/L	---	---	---	---	---	---	---	
Bromodichlorometano	---	µg/L	---	---	---	---	---	---	---	
Bromoformio	---	µg/L	---	---	---	---	---	---	---	
Cloroformio	---	µg/L	---	---	---	---	---	---	---	
Dibromoclorometano	---	µg/L	---	---	---	---	---	---	---	
Tetracloreto e Tricloreto	10	µg/L	---	---	---	---	---	---	---	
Tetracloreto	---	µg/L	---	---	---	---	---	---	---	
Tricloreto	---	µg/L	---	---	---	---	---	---	---	

**Zona de Abastecimento
Vale de Tábuas (Carvalhal)**

Parâmetro	Valor Paramétrico (VP)		N.º Análises (PCQA)			Valores Obtidos		N.º Análises superiores	Cumprimento do VP	Obs.
	VP	Unidades	Nr. Análises	Nr. Análises	% Análises Realizadas	Valor Min	Valor Max			
CONTROLO DE ROTINA 1 (CR.1)										
Bactérias coliformes (coliformes totais)	0	Número/100mL	--	--	--	--	--	--	--	--
Desinfetante residual	--	mg/L Cl2	--	--	--	--	--	--	--	--
Escherichia coli	0	Número/100mL	--	--	--	--	--	--	--	--
CONTROLO DE ROTINA 2 (CR.2)										
Amónio	0,50	mg/L NH4	--	--	--	--	--	--	--	--
Cheiro	3	Factor de diluição	--	--	--	--	--	--	--	--
Condutividade	2500	µS/cm a 20°C	--	--	--	--	--	--	--	--
Cor	20	mg/L PtCo	--	--	--	--	--	--	--	--
Manganês	50	µg/L Mn	--	--	--	--	--	--	--	--
Nitratos	50	mg/L NO3	--	--	--	--	--	--	--	--
Número de colónias a 22°C	Sem alteração	Número/mL	--	--	--	--	--	--	--	--
Número de colónias a 36°C	Sem alteração	Número/mL	--	--	--	--	--	--	--	--
Oxidabilidade	5,0	mg/L O2	--	--	--	--	--	--	--	--
pH	6,5-9,5	escala de Sorense	--	--	--	--	--	--	--	--
Sabor	3	Factor de diluição	--	--	--	--	--	--	--	--
Turvação	4	UNT	--	--	--	--	--	--	--	--
CONTROLO DE INSPECÇÃO (CI)										
1,2-Dicloroetano	3	µg/L	--	--	--	--	--	--	--	--
Alumínio	200	µg/L Al	--	--	--	--	--	--	--	--
Antimónio	5,0	µg/L Sb	--	--	--	--	--	--	--	--
Arsénio	10	µg/L As	--	--	--	--	--	--	--	--
Benzeno	10	µg/L	--	--	--	--	--	--	--	--
Benzo(a)pireno	0,010	µg/L	--	--	--	--	--	--	--	--
Boro	10	mg/L B	--	--	--	--	--	--	--	--
Bromato	10	µg/L BrO3	--	--	--	--	--	--	--	--
Cádmio	5,0	µg/L Cd	--	--	--	--	--	--	--	--
Cálcio	--	mg/L Ca	--	--	--	--	--	--	--	--
Chumbo	10	µg/L Pb	--	--	--	--	--	--	--	--
Cianetos	50	µg/L CN	--	--	--	--	--	--	--	--
Cloretos	250	mg/L Cl	--	--	--	--	--	--	--	--
Clostridium perfringens	0	Número/100mL	--	--	--	--	--	--	--	--
Cobre	2,0	mg/L Cu	--	--	--	--	--	--	--	--
Crómio	50	µg/L Cr	--	--	--	--	--	--	--	--
Dureza total	--	mg/L CaCO3	--	--	--	--	--	--	--	--
Enterococos	0	Número/100mL	--	--	--	--	--	--	--	--
Ferro	200	µg/L Fe	--	--	--	--	--	--	--	--
Fluoretos	15	mg/L F	--	--	--	--	--	--	--	--
Magnésio	--	mg/L Mg	--	--	--	--	--	--	--	--
Mercurio	1	µg/L Hg	--	--	--	--	--	--	--	--
Níquel	20	µg/L Ni	--	--	--	--	--	--	--	--
Nitritos	0,5	mg/L NO2	--	--	--	--	--	--	--	--
Selénio	10	µg/L Se	--	--	--	--	--	--	--	--
Sódio	200	mg/L Na	--	--	--	--	--	--	--	--
Sulfatos	250	mg/L SO4	--	--	--	--	--	--	--	--
α- total	0,1	Bq/l	--	--	--	--	--	--	--	--
β- total	1	Bq/l	--	--	--	--	--	--	--	--
Dose Indicativa Total	0,1	mSv/ano	--	--	--	--	--	--	--	--
Radão	500	Bq/l	--	--	--	--	--	--	--	--
PAH - Totais	0,10	µg/L	--	--	--	--	--	--	--	--
Benzo(b)fluoranteno	--	µg/L	--	--	--	--	--	--	--	--
Benzo(ghi)perileno	--	µg/L	--	--	--	--	--	--	--	--
Benzo(k)fluoranteno	--	µg/L	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pireno	--	µg/L	--	--	--	--	--	--	--	--
Pesticidas Totais	0,5	µg/L	--	--	--	--	--	--	--	--
2,4 D	0,1	µg/L	--	--	--	--	--	--	--	--
Alacloro	0,1	µg/L	--	--	--	--	--	--	--	--
Atrazina	0,1	µg/L	--	--	--	--	--	--	--	--
Bentazona	0,1	µg/L	--	--	--	--	--	--	--	--
Desetilatraxina	0,1	µg/L	--	--	--	--	--	--	--	--
Desetilterbutilazina	0,1	µg/L	--	--	--	--	--	--	--	--
Diurão	0,1	µg/L	--	--	--	--	--	--	--	--
S-Metalacloro	0,1	µg/L	--	--	--	--	--	--	--	--
Terbutilazina	0,1	µg/L	--	--	--	--	--	--	--	--
Triclopir	0,1	µg/L	--	--	--	--	--	--	--	--
Cimoxanil	0,1	µg/L	--	--	--	--	--	--	--	--
Dimetoato	0,1	µg/L	--	--	--	--	--	--	--	--
Ometoato	0,1	µg/L	--	--	--	--	--	--	--	--
Ditiocarbamatos	0,1	µg/L	--	--	--	--	--	--	--	--
MCPA	0,1	µg/L	--	--	--	--	--	--	--	--
Tebuconazol	0,1	µg/L	--	--	--	--	--	--	--	--
Oxamil	0,1	µg/L	--	--	--	--	--	--	--	--
Clorpirifos	0,1	µg/L	--	--	--	--	--	--	--	--
Imidaclopride	0,1	µg/L	--	--	--	--	--	--	--	--
Linurão	0,1	µg/L	--	--	--	--	--	--	--	--
Metalaxil (isómeros)	0,1	µg/L	--	--	--	--	--	--	--	--
Metolacloro(isómeros)	0,1	µg/L	--	--	--	--	--	--	--	--
Simazina	0,1	µg/L	--	--	--	--	--	--	--	--
Desetilisimazina	0,1	µg/L	--	--	--	--	--	--	--	--
Tri-halometanos Totais	100	µg/L	--	--	--	--	--	--	--	--
Bromodichlorometano	--	µg/L	--	--	--	--	--	--	--	--
Bromofórmio	--	µg/L	--	--	--	--	--	--	--	--
Clorofórmio	--	µg/L	--	--	--	--	--	--	--	--
Dibromochlorometano	--	µg/L	--	--	--	--	--	--	--	--
Tetracloroeteno e Tricloroeteno	10	µg/L	--	--	--	--	--	--	--	--
Tetracloroeteno	--	µg/L	--	--	--	--	--	--	--	--
Tricloroeteno	--	µg/L	--	--	--	--	--	--	--	--