

Em conformidade com o Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública do concelho de Alenquer, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 janeiro a  
31 março

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises >VP	% Cumprimento VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,50	0,56	---	---	2	2	100%
Alumínio (µg/L Al)	200	---	---	0	100%	0	0	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	0	100%	0	0	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	3	3	---	---	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0	---	---	1	1	100%
Condutividade (µS/cm a 20°C)	2500	280	280	0	100%	1	1	100%
<i>Clostridium perfringens</i> (N/100ml)	0	---	---	0	100%	0	0	100%
Cor (mg/L PtCo)	20	<6	<6	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	7,5	7,5	0	100%	1	1	100%
Ferro (µg/L Fe)	200	---	---	0	100%	0	0	100%
Manganês (µg/L Mn)	50	---	---	0	100%	0	0	100%
Nitratos (mg/L NO <sub>3</sub> )*	50	---	---	0	100%	0	0	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	---	---	0	100%	0	0	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	---	---	0	100%	0	0	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<0,80	<0,80	0	100%	1	1	100%
Antimónio (µg/L Sb)*	5	---	---	0	100%	0	0	100%
Arsénio (µg/L As)*	10	---	---	0	100%	0	0	100%
Benzeno (µg/L)*	1,0	---	---	0	100%	0	0	100%
Benzo(a)pireno (µg/L)	0,010	---	---	0	100%	0	0	100%
Boro (mg/L B)*	1,0	---	---	0	100%	0	0	100%
Bromatos (µg/L BrO <sub>3</sub> )*	10	---	---	0	100%	0	0	100%
Cádmio (µg/L Cd)*	5,0	---	---	0	100%	0	0	100%
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	100%
Chumbo (µg/L Pb)	10	---	---	0	100%	0	0	100%
Cianetos (µg/L CN)*	50	---	---	0	100%	0	0	100%
Cobre (mg/L Cu)	2,0	---	---	0	100%	0	0	100%
Crómio (µg/L Cr)*	50	---	---	0	100%	0	0	100%
1,2 – dicloroetano (µg/L)*	3,0	---	---	0	100%	0	0	100%
Dureza total (mg/L CaCO <sub>3</sub> )	---	---	---	---	---	0	0	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos (mg/L F)*	1,5	---	---	0	100%	0	0	100%
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	100%
Mercurio (µg/L Hg)*	1	---	---	0	100%	0	0	100%
Níquel (µg/L Ni)	20	---	---	0	100%	0	0	100%
Selénio (µg/L Se)*	10	---	---	0	100%	0	0	100%
Cloretos (mg/L Cl)*	250	---	---	0	100%	0	0	100%
Sódio (mg/L Na)*	200	---	---	0	100%	0	0	100%
Sulfatos (mg/L SO <sub>4</sub> )*	250	---	---	0	100%	0	0	100%
Tetracloroetano e Tricloroetano (µg/L):*	10	---	---	0	100%	0	0	100%
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	100%
Tricloroetano (µg/L)	---	---	---	---	---	0	0	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	0	100%	0	0	100%
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	0	100%
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	0	100%
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	0	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	0	0	100%
Trihalometanos - total (µg/L):	100	---	---	0	100%	0	0	100%
Clorofórmio (µg/L)	---	---	---	---	---	0	0	100%
Bromofórmio (µg/L)	---	---	---	---	---	0	0	100%
Bromodiclorometano (µg/L)	---	---	---	---	---	0	0	100%
Dibromoclorometano (µg/L)	---	---	---	---	---	0	0	100%
Radão (Bq/L)	500	---	---	0	100%	0	0	100%
Dose Indicativa Total (mSV/ano)*	0,1	---	---	0	100%	0	0	100%
Alfa Total (Bq/L)*	0,1	---	---	0	100%	0	0	100%
Beta Total (Bq/L)*	1,0	---	---	0	100%	0	0	100%
Pesticidas – total (µg/L)*	0,50	---	---	0	100%	0	0	100%
Bentazona (µg/L)	0,10	---	---	0	100%	0	0	100%
Desetilterbutilazina (µg/L)	0,10	---	---	0	100%	0	0	100%
Diurão (µg/L)	0,10	---	---	0	100%	0	0	100%
Oxamil (µg/L)	0,10	---	---	0	100%	0	0	100%
Terbutilazina (µg/L)	0,10	---	---	0	100%	0	0	100%

\* - Parâmetro conservativo também analisado pelas entidades gestoras em Alta (Águas do Vale do Tejo / EPAL --- Zona 4 - SAL7\_01 Abrigada)

Localidades da ZA\_Ada\_30 Torres Vedras \_ Venda: Localidades do Concelho de Torres Vedras, abastecidos em alta pela toma de água de Lapaduços (Águas de Alenquer)

Incumprimentos de VP: 0.

Em conformidade com o Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública do concelho de Alenquer, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 janeiro a  
31 março

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises >VP	% Cumprimento VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,66	0,72	---	---	2	2	100%
Alumínio (µg/L Al)	200	---	---	0	100%	0	0	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	0	100%	0	0	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0	---	---	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0	---	---	1	1	100%
Condutividade (µS/cm a 20°C)	2500	490	490	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	---	---	0	100%	0	0	100%
Cor (mg/L PtCo)	20	<6	<6	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	7,2	7,2	0	100%	1	1	100%
Ferro (µg/L Fe)	200	---	---	0	100%	0	0	100%
Manganês (µg/L Mn)	50	---	---	0	100%	0	0	100%
Nitratos (mg/L NO <sub>3</sub> )*	50	3,19	3,19	0	100%	1	1	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	---	---	0	100%	0	0	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	---	---	0	100%	0	0	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<0,80	<0,80	0	100%	1	1	100%
Antimónio (µg/L Sb)*	5	<0,500	<0,500	0	100%	1	1	100%
Arsénio (µg/L As)*	10	<0,500	<0,500	0	100%	1	1	100%
Benzeno (µg/L)*	1,0	<0,30	<0,30	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	---	---	0	100%	0	0	100%
Boro (mg/L B)*	1,0	<0,020	<0,020	0	100%	1	1	100%
Bromatos (µg/L BrO <sub>3</sub> )*	10	<10,0	<10,0	0	100%	1	1	100%
Cádmio (µg/L Cd)*	5,0	<0,500	<0,500	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	100%
Chumbo (µg/L Pb)	10	---	---	0	100%	0	0	100%
Cianetos (µg/L CN)*	50	<5,00	<5,00	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	---	---	0	100%	0	0	100%
Crómio (µg/L Cr)*	50	<1,00	<1,00	0	100%	1	1	100%
1,2 - dicloroetano (µg/L)*	3,0	<0,10	<0,10	0	100%	1	1	100%
Dureza total (mg/L CaCO <sub>3</sub> )	---	---	---	---	---	0	0	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos (mg/L F)*	1,5	<0,100	<0,100	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	100%
Mercurio (µg/L Hg)*	1	<0,200	<0,200	0	100%	1	1	100%
Níquel (µg/L Ni)	20	---	---	0	100%	0	0	100%
Selénio (µg/L Se)*	10	<2,00	<2,00	0	100%	1	1	100%
Cloreto (mg/L Cl)*	250	35,5	35,5	0	100%	1	1	100%
Sódio (mg/L Na)*	200	21,9	21,9	0	100%	1	1	100%
Sulfatos (mg/L SO <sub>4</sub> )*	250	24,0	24,0	0	100%	1	1	100%
Tetracloroetano e Tricloroetano (µg/L):*	10	<1,0	<1,0	0	100%	1	1	100%
Tetracloroetano (µg/L)	---	<0,10	<0,10	---	---	1	1	100%
Tricloroetano (µg/L)	---	<1,0	<1,0	---	---	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	0	100%	0	0	100%
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	0	100%
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	0	100%
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	0	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	0	0	100%
Trihalometanos - total (µg/L):	100	---	---	0	100%	0	0	100%
Clorofórmio (µg/L)	---	---	---	---	---	0	0	100%
Bromofórmio (µg/L)	---	---	---	---	---	0	0	100%
Bromodichlorometano (µg/L)	---	---	---	---	---	0	0	100%
Dibromoclorometano (µg/L)	---	---	---	---	---	0	0	100%
Radão (Bq/L)	500	---	---	0	100%	0	0	100%
Dose Indicativa Total (mSV/ano)*	0,1	<0,1	<0,1	0	100%	1	1	100%
Alfa Total (Bq/L)*	0,1	0,061	0,061	0	100%	1	1	100%
Beta Total (Bq/L)*	1,0	0,027	0,027	0	100%	1	1	100%
Pesticidas - total (µg/L)*	0,50	<0,070	<0,070	0	100%	1	1	100%
Alacloro (µg/L)	0,10	<0,070	<0,070	0	100%	1	1	100%
Bentazona (µg/L)	0,10	<0,050	<0,050	0	100%	1	1	100%
Clorpirifos (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Desetilsimazina (µg/L)	0,10	<0,07	<0,07	0	100%	1	1	100%
Desetilterbutilazina (µg/L)	0,10	<0,020	<0,020	0	100%	1	1	100%
Dimetoato (µg/L)	0,10	<0,025	<0,025	0	100%	1	1	100%
Diurão (µg/L)	0,10	<0,045	<0,045	0	100%	1	1	100%
Imidaclopride (µg/L)	0,10	<0,020	<0,020	0	100%	1	1	100%
Isoproturão (µg/L)	0,10	<0,045	<0,045	0	100%	1	1	100%
Linurão (µg/L)	0,10	<0,025	<0,025	0	100%	1	1	100%
MCPA (µg/L)	0,10	<0,050	<0,050	0	100%	1	1	100%
Metalaxil (µg/L)	0,10	<0,060	<0,060	0	100%	1	1	100%
Metolaclo (µg/L)	0,10	<0,070	<0,070	0	100%	1	1	100%
Omtoato (µg/L)	0,10	<0,050	<0,050	0	100%	1	1	100%
Oxamil (µg/L)	0,10	<0,05	<0,05	0	100%	1	1	100%
Simazina (µg/L)	0,10	<0,060	<0,060	0	100%	1	1	100%
Terbutilazina (µg/L)	0,10	<0,070	<0,070	0	100%	1	1	100%

\* - Parâmetro conservativo também analisado pelas entidades gestoras em Alta (Águas do Vale do Tejo / EPAL --- SADO10\_2 e SADO15\_2)

Localidades da ZA\_Ada\_31 Arruda \_ Venda: Localidades do Concelho de Arruda, abastecidas em alta pelas tomas de água de Moinho de Vento, Freiria e Serra (Águas de Alenquer)

Incumprimentos de VP: 0.

Em conformidade com o Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública do concelho de Alenquer, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 janeiro a  
31 março

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises >VP	% Cumprimento VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,34	0,42	---	---	2	2	100%
Alumínio (µg/L Al)	200	---	---	0	100%	0	0	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	0	100%	0	0	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0	---	---	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0	---	---	1	1	100%
Condutividade (µS/cm a 20°C)	2500	302	302	0	100%	1	1	100%
<i>Clostridium perfringens</i> (N/100ml)	0	---	---	0	100%	0	0	100%
Cor (mg/L PtCo)	20	<6	<6	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	7,1	7,1	0	100%	1	1	100%
Ferro (µg/L Fe)	200	---	---	0	100%	0	0	100%
Manganês (µg/L Mn)	50	---	---	0	100%	0	0	100%
Nitratos (mg/L NO <sub>3</sub> )*	50	---	---	0	100%	0	0	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	---	---	0	100%	0	0	100%
Oxidabilidade (mg/L O <sub>2</sub> )	5	---	---	0	100%	0	0	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<0,80	<0,80	0	100%	1	1	100%
Antimónio (µg/L Sb)*	5	---	---	0	100%	0	0	100%
Arsénio (µg/L As)*	10	---	---	0	100%	0	0	100%
Benzeno (µg/L)*	1,0	---	---	0	100%	0	0	100%
Benzo(a)pireno (µg/L)	0,010	---	---	0	100%	0	0	100%
Boro (mg/L B)*	1,0	---	---	0	100%	0	0	100%
Bromatos (µg/L BrO <sub>3</sub> )*	10	---	---	0	100%	0	0	100%
Cádmio (µg/L Cd)*	5,0	---	---	0	100%	0	0	100%
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	100%
Chumbo (µg/L Pb)	10	---	---	0	100%	0	0	100%
Cianetos (µg/L CN)*	50	---	---	0	100%	0	0	100%
Cobre (mg/L Cu)	2,0	---	---	0	100%	0	0	100%
Crómio (µg/L Cr)*	50	---	---	0	100%	0	0	100%
1,2 - dicloroetano (µg/L)*	3,0	---	---	0	100%	0	0	100%
Dureza total (mg/L CaCO <sub>3</sub> )	---	---	---	---	---	0	0	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos (mg/L F)*	1,5	---	---	0	100%	0	0	100%
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	100%
Mercurio (µg/L Hg)*	1	---	---	0	100%	0	0	100%
Níquel (µg/L Ni)	20	---	---	0	100%	0	0	100%
Selénio (µg/L Se)*	10	---	---	0	100%	0	0	100%
Cloreto (mg/L Cl)*	250	---	---	0	100%	0	0	100%
Sódio (mg/L Na)*	200	---	---	0	100%	0	0	100%
Sulfatos (mg/L SO <sub>4</sub> )*	250	---	---	0	100%	0	0	100%
Tetracloroetano e Tricloroetano (µg/L):*	10	---	---	0	100%	0	0	100%
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	100%
Tricloroetano (µg/L)	---	---	---	---	---	0	0	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	0	100%	0	0	100%
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	0	100%
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	0	100%
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	0	100%
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	0	0	100%
Trihalometanos - total (µg/L):	100	---	---	0	100%	0	0	100%
Clorofórmio (µg/L)	---	---	---	---	---	0	0	100%
Bromofórmio (µg/L)	---	---	---	---	---	0	0	100%
Bromodiclorometano (µg/L)	---	---	---	---	---	0	0	100%
Dibromoclorometano (µg/L)	---	---	---	---	---	0	0	100%
Radão (Bq/L)	500	---	---	0	100%	0	0	100%
Dose Indicativa Total (mSV/ano)*	0,1	---	---	0	100%	0	0	100%
Alfa Total (Bq/L)*	0,1	---	---	0	100%	0	0	100%
Beta Total (Bq/L)*	1,0	---	---	0	100%	0	0	100%
Pesticidas - total (µg/L)*	0,50	---	---	0	100%	0	0	100%
Bentazona (µg/L)	0,10	---	---	0	100%	0	0	100%
Desetilterbutilazina (µg/L)	0,10	---	---	0	100%	0	0	100%
Diurão (µg/L)	0,10	---	---	0	100%	0	0	100%
Oxamil (µg/L)	0,10	---	---	0	100%	0	0	100%
Terbutilazina (µg/L)	0,10	---	---	0	100%	0	0	100%

\* - Parâmetro conservativo também analisado pelas entidades gestoras em Alta (Águas do Vale do Tejo / EPAL --- Zona 4 - SAL7\_01 Abrigada)

Localidades da ZA\_Ada\_32 Cadaval \_ Venda: Localidades do Concelho de Cadaval, abastecidas em alta pela toma da Quinta da Abrigada (Águas de Alenquer)

Incumprimentos de VP: 0.