

Município de Condeixa-a-Nova	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO ¹ DO CONCELHO DE CONDEIXA-A-NOVA	EDITAL n.º
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Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

3º TRIMESTRE 2017
01 Julho a 30 Setembro

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	0	0	0	100%	15	15	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	15	15	100%
Desinfetante residual (mg/L)	---	0,2	0,8	---	---	15	15	---
Alumínio (g/L Al)	200	<30	<30	0	100%	1	1	100%
Amónio (mg/L NH ₄)	0,50	<0,02	<0,02	0	100%	4	4	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	10	---	---	4	4	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	14	---	---	4	4	100%
Condutividade (S/cm a 20°C)	2500	99	120	0	100%	4	4	100%
<i>Clostridium perfringens</i> (N/100ml)	0	0	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<2	<2	0	100%	4	4	100%
pH (Unidades pH)	≥6,5 e ≤9	7,2	8,5	0	100%	4	4	100%
Ferro (g/L Fe)	200	<50	<50	0	100%	1	1	100%
Manganês (g/L Mn)	50	<15	<15	0	100%	4	4	100%
Nitratos ²⁻ (mg/L NO ₃)	50	<10	<10	0	100%	4	4	100%
Nitritos (mg/L NO ₂)	0,5	<0,02	<0,02	0	100%	1	1	100%
Oxidabilidade (mg/L O ₂)	5	1,8	3,1	0	100%	4	4	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	4	4	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	4	4	100%
Turvação (NTU)	4	<0,5	0,6	0	100%	4	4	100%
Antimónio (g/L Sb)	5	<3,5	<3,5	0	100%	1	1	100%
Arsénio (g/L As)	10	<3	<3	0	100%	1	1	100%
Benzeno (g/L)	1,0	<0,26	<0,26	0	100%	1	1	100%
Benzo(a)pireno (g/L)	0,010	<0,005	<0,005	0	100%	1	1	100%
Boro (mg/L B)	1,0	<0,3	<0,3	0	100%	1	1	100%
Bromatos (g/L BrO ₃)	10	<5,0	<5,0	0	100%	1	1	100%
Cádmio (g/L Cd)	5,0	<1	<1	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	<5	<5	---	---	1	1	100%
Chumbo (g/L Pb)	25	<3	<3	0	100%	1	1	100%
Cianetos (g/L CN)	50	<15	<15	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	<0,01	<0,01	0	100%	1	1	100%
Crómio (g/L Cr)	50	<2	<2	0	100%	1	1	100%
1,2 – dicloroetano (g/L)	3,0	<0,5	<0,5	0	100%	1	1	100%
Dureza total (mg/L CaCO ₃)	---	17	17	---	---	1	1	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos (mg/L F)	1,5	<0,1	<0,1	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	2,1	2,1	---	---	1	1	100%
Mercurio (g/L Hg)	1	<0,20	<0,20	0	100%	1	1	100%
Níquel (g/L Ni)	20	<5	<5	0	100%	1	1	100%
Selénio (g/L Se)	10	<3	<3	0	100%	1	1	100%
Cloretos (mg/L Cl)	250	12	12	0	100%	1	1	100%
Sódio (mg/L Na)	200	8	8	0	100%	1	1	100%
Sulfatos (mg/L SO ₄)	250	51	51	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---
Radão (Bq/L)	500	<10	<10	0	100%	1	1	100%
Alpha total (Bq/L)	0,1	<0,04	<0,04	0	100%	1	1	100%
Beta Total (Bq/L)	1	0,1	0,1	0	100%	1	1	100%
Dose Indicativa Total (mSv/yr)	0,1	<0,1	<0,1	0	100%	1	1	100%
Tetracloroetano e Tricloroetano (g/L):	10	<3	<3	0	100%	1	1	100%
Tetracloroetano(g/L)	---	<3	<3	---	---	1	1	100%
Tricloroetano(g/L)	---	<0,5	<0,5	---	---	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (g/L):	0,10	<0,010	<0,010	0	100%	1	1	100%
Benzo(b)fluoranteno (g/L)	---	<0,010	<0,010	---	---	1	1	100%
Benzo(k)fluoranteno (g/L)	---	<0,010	<0,010	---	---	1	1	100%
Benzo(ghi)perileno (g/L)	---	<0,010	<0,010	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(g/L)	---	<0,010	<0,010	---	---	1	1	100%
Trihalometanos - total (g/L):	100	12	12	0	100%	1	1	100%
Clorofórmio(g/L)	---	4	4	---	---	1	1	100%
Bromofórmio(g/L)	---	<3	<3	---	---	1	1	100%
Bromodiclorometano(g/L)	---	4	4	---	---	1	1	100%
Dibromoclorometano(g/L)	---	4	4	---	---	1	1	100%
Pesticidas – total (g/L)	0,50	<0,025	<0,025	0	100%	1	1	100%
Alacloro (g/L)	0,10	<0,025	<0,025	0	100%	1	1	100%
MCPA (g/L)	0,10	<0,025	<0,025	0	100%	1	1	100%
Bentazona (g/L)	0,10	<0,025	<0,025	0	100%	1	1	100%
Terbulilazina(g/L)	0,10	<0,025	<0,025	0	100%	1	1	100%
Desetilterbutilazina (g/L)	0,10	<0,025	<0,025	0	100%	1	1	100%
Diurão (g/L)	0,10	<0,025	<0,025	0	100%	1	1	100%

NOTA 1: Zonas de abastecimento controladas: ZA Alcabideque e ZA Ega

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (identificar a EG)

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Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	0	0	0	100%	1	1	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
Desinfetante residual (mg/L)	---	0,2	0,2	---	---	1	1	---
Alumínio (g/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/L NH ₄)	0,50	0,03	0,03	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	113	113	---	---	1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	89	89	---	---	1	1	100%
Condutividade (S/cm a 20°C)	2500	99	99	0	100%	1	1	100%
<i>Clostridium perfringens</i> (N/100ml)	0	---	---	---	---	0	0	---
Cor (mg/L PtCo)	20	<2	<2	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	7,1	7,1	0	100%	1	1	100%
Ferro (g/L Fe)	200	---	---	---	---	0	0	---
Manganês (g/L Mn)	50	<15	<15	0	100%	1	1	100%
Nitratos ^c (mg/L NO ₃)	50	<10	<10	0	100%	1	1	100%
Nitritos (mg/L NO ₂)	0,5	---	---	---	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	1,2	1,2	0	100%	1	1	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	<0,5	<0,5	0	100%	1	1	100%
Antimónio (g/L Sb)	5	---	---	---	---	0	0	---
Arsénio (g/L As)	10	---	---	---	---	0	0	---
Benzeno (g/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (g/L)	0,010	---	---	---	---	0	0	---
Boro (mg/L B)	1,0	---	---	---	---	0	0	---
Bromatos (g/L BrO ₃)	10	---	---	---	---	0	0	---
Cádmio (g/L Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (g/L Pb)	25	---	---	---	---	0	0	---
Cianetos (g/L CN)	50	---	---	---	---	0	0	---
Cobre (mg/L Cu)	2,0	---	---	---	---	0	0	---
Crómio (g/L Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (g/L)	3,0	---	---	---	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	0	0	---
Enterococos (N/100 mL)	0	---	---	---	---	0	0	---
Fluoretos (mg/L F)	1,5	---	---	---	---	0	0	---
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercurio (g/L Hg)	1	---	---	---	---	0	0	---
Níquel (g/L Ni)	20	---	---	---	---	0	0	---
Selénio (g/L Se)	10	---	---	---	---	0	0	---
Cloretos (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio (mg/L Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/L SO ₄)	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---
Radão (Bq/L)	500	---	---	---	---	0	0	---
Alpha total (Bq/L)	0,1	---	---	---	---	0	0	---
Beta Total (Bq/L)	1	---	---	---	---	0	0	---
Dose Indicativa Total (mSv/yr)	0,1	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (g/L):	10	---	---	---	---	0	0	---
Tetracloroeteno(g/L)	---	---	---	---	---	0	0	---
Tricloroeteno(g/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (g/L):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (g/L)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (g/L)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (g/L)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(g/L)	---	---	---	---	---	0	0	---
Trihalometanos - total (g/L):	100	---	---	---	---	0	0	---
Clorofórmio(g/L)	---	---	---	---	---	0	0	---
Bromofórmio(g/L)	---	---	---	---	---	0	0	---
Bromodiclorometano(g/L)	---	---	---	---	---	0	0	---
Dibromoclorometano(g/L)	---	---	---	---	---	0	0	---
Pesticidas – total (g/L)	0,50	---	---	---	---	0	0	---
Alacloro (g/L)	0,10	---	---	---	---	0	0	---
MCPA (g/L)	0,10	---	---	---	---	0	0	---
Bentazona (g/L)	0,10	---	---	---	---	0	0	---
Terbulilazina(g/L)	0,10	---	---	---	---	0	0	---
Desetilterbutilazina (g/L)	0,10	---	---	---	---	0	0	---
Diurão (g/L)	0,10	---	---	---	---	0	0	---

NOTA 1: Zonas de abastecimento controladas: Alcabideque

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (Casal Carrito)