MUNICÍPIO DO SABUGAL
Câmara Municipal

EDITAL Nº 71 /2019

António dos Santos Robalo, Presidente do Município de Sabugal, em cumprimento do disposto no n.º 2 do artigo 17.º, do Decreto-Lei n.º 152/2017, de 7 de dezembro, torna públicos os resultados obtidos nas análises de demonstração de conformidade com as normas de qualidade da água destinada ao consumo humano, relativos ao 2.º trimestre de 2019.

O Município de Sabugal realiza um programa de controlo da qualidade da água, aprovado pela Entidade Reguladora dos Serviços de Águas e Resíduos (ERSAR), que incide sobre os sistemas de distribuição no concelho de Sabugal, com colheitas regulares nos pontos estratégicos dos sistemas de abastecimento de água. Todas as determinações são realizadas no cumprimento das disposições constantes na lei, nomeadamente no que se refere a parâmetros, frequência de amostragem e análise e métodos analíticos.

Em anexo apresentam-se os resultados das análises obtidas entre abril e junho de 2019 que serão afixados nos lugares próprios existentes para conhecimento dos consumidores e munícipes.

Para constar se lavrou o presente Edital (que integra no seu conjunto 11 folhas).

Sabugal, 30 de agosto de 2019

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Praça da República 6324-007 Sabugal **Tel.:** *271 751 040* **Fax:** *271 753 408*
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Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE ÁGUA DA FIGUEIRA DO CONCELHO DE SABUGAL	2 º TRIMESTRE

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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). — **2019**

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	88	1	50%	2	2	100%
Desinfetante residual (mg/l)	---	---	0,6	---	---	2	2	100%
Cheiro a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
Sabor a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
Condutividade (µS/cm a 20 ºC)	2500	---	---	---	---	0	0	---
Cor (mg/l PtCo)	20	---	---	---	---	0	0	---
Turvação (NTU)	4	---	---	---	---	0	0	---
Enterococos (N/100 ml)	0	---	---	---	---	0	0	---
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH_4)	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO_3)	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l $CaCO_3$)	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/l)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/l)	---	---	---	---	---	0	0	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	---	---	---	0	0	---
Nitratos (mg/l NO_3)	50	---	---	---	---	0	0	---
Nitritos (mg/l NO_2)	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O_2)	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO_4)	250	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/l)	---	---	---	---	---	0	0	---
Tricloroeteno(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	---	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): • **Parâmetro** - Bactérias coliformes; **Causas do incumprimento** - A averiguação das causas foi inconclusiva; **Medidas corretivas** - Não foram tomadas medidas porque as análises posteriores não confirmaram o incumprimento; **Duração do incumprimento** - 5 dias.

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE ALDEIA DO BISPO DO CONCELHO DE SABUGAL	2 º TRIMESTRE

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).

2019

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	1	1	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	1	1	100%
Desinfetante residual (mg/l)	---	---	0,3	---	---	1	1	100%
Cheiro a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
Sabor a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	---	6,5	0	100%	1	1	100%
Condutividade (µS/cm a 20 ºC)	2500	---	19	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,5	0	100%	1	1	100%
Enterococos (N/100 ml)	0	---	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	---	0	0	100%	1	1	100%
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH_4)	0,50	---	< 0,1	0	100%	1	1	100%
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO_3)	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l $CaCO_3$)	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/l)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/l)	---	---	---	---	---	0	0	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	< 10	0	100%	1	1	100%
Nitratos (mg/l NO_3)	50	---	< 4	0	100%	1	1	100%
Nitritos (mg/l NO_2)	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O_2)	5,0	---	< 1,9	0	100%	1	1	100%
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO_4)	250	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/l)	---	---	---	---	---	0	0	---
Tricloroeteno(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	< 0,10	0	100%	1	1	100%
Radão (Bq/l)	500,00	---	105	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	< 0,10	0	100%	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,050	0	100%	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,050	0	100%	1	1	100%

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE DIRÃO DA RUA DO CONCELHO DE SABUGAL	2 º TRIMESTRE
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).		2019

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	2	2	100%
Desinfetante residual (mg/l)	---	0,4	0,6	---	---	2	2	100%
Cheiro a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
Sabor a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
Condutividade (µS/cm a 20 ºC)	2500	---	---	---	---	0	0	---
Cor (mg/l PtCo)	20	---	---	---	---	0	0	---
Turvação (NTU)	4	---	---	---	---	0	0	---
Enterococos (N/100 ml)	0	---	---	---	---	0	0	---
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Clostridium perfringens (N/100ml)	0	---	---	---		0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH_4)	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO_3)	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l $CaCO_3$)	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/l)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/l)	---	---	---	---	---	0	0	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	---	---	---	0	0	---
Nitratos (mg/l NO_3)	50	---	---	---	---	0	0	---
Nitritos (mg/l NO_2)	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O_2)	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO_4)	250	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/l)	---	---	---	---	---	0	0	---
Tricloroeteno(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	---	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	---

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE FONTANÁRIO DE QUINTA DO MONTEIRO DO CONCELHO DE SABUGAL	2 º TRIMESTRE

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).

2019

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	2	2	100%
Desinfetante residual (mg/l)	---	---	---	---	---	0	0	---
Cheiro a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
Sabor a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
Condutividade (µS/cm a 20 ºC)	2500	---	---	---	---	0	0	---
Cor (mg/l PtCo)	20	---	---	---	---	0	0	---
Turvação (NTU)	4	---	---	---	---	0	0	---
Enterococos (N/100 ml)	0	---	---	---	---	0	0	---
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH_4)	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO_3)	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l $CaCO_3$)	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/l)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/l)	---	---	---	---	---	0	0	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	---	---	---	0	0	---
Nitratos (mg/l NO_3)	50	---	---	---	---	0	0	---
Nitritos (mg/l NO_2)	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O_2)	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO_4)	250	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/l)	---	---	---	---	---	0	0	---
Tricloroeteno(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	---	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	---

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE QUARTA-FEIRA DO CONCELHO DE SABUGAL	2 º TRIMESTRE
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).		2019

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	1	1	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	1	1	100%
Desinfetante residual (mg/l)	---	---	0,5	---	---	1	1	100%
Cheiro a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
Sabor a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	---	6,6	0	100%	1	1	100%
Condutividade (µS/cm a 20 ºC)	2500	---	42	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,5	0	100%	1	1	100%
Enterococos (N/100 ml)	0	---	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	---	0	0	100%	1	1	100%
Alumínio (µg/L Al)	200	---	11	0	100%	1	1	100%
Amónio (mg/l NH_4)	0,50	---	< 0,1	0	100%	1	1	100%
Antimónio (µg/l Sb)	5,0	---	< 1,0	0	100%	1	1	100%
Arsénio (µg/l As)	10	---	7,6	0	100%	1	1	100%
Benzeno (µg/l)	1,0	---	< 0,20	0	100%	1	1	100%
Benzo(a)pireno (µg/l)	0,010	---	< 0,0050	0	100%	1	1	100%
Boro (mg/l B)	1,0	---	< 0,010	0	100%	1	1	100%
Bromatos (µg/l BrO_3)	10	---	< 5,0	0	100%	1	1	100%
Cádmio (µg/l Cd)	5,0	---	< 0,40	0	100%	1	1	100%
Cálcio (mg/l Ca)	---	---	2,4	---	---	1	1	100%
Cianetos (µg/l CN)	50	---	< 5	0	100%	1	1	100%
Cloretos (mg/l Cl)	250	---	5,8	0	100%	1	1	100%
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	< 1,0	0	100%	1	1	100%
Cobre (mg/l Cu)	2,0	---	< 0,0010	0	100%	1	1	100%
Crómio (µg/l Cr)	50	---	< 1,0	0	100%	1	1	100%
1,2 – dicloroetano (µg/l)	3,0	---	< 0,750	0	100%	1	1	100%
Dureza total (mg/l $CaCO_3$)	---	---	13	---	---	1	1	100%
Ferro (µg/l Fe)	200	---	3,7	0	100%	1	1	100%
Fluoretos (mg/l F)	1,5	---	< 0,4	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	< 0,08	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	---	< 0,020	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	---	< 0,020	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)	---	---	< 0,020	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)	---	---	< 0,020	---	---	1	1	100%
Magnésio (mg/l Mg)	---	---	< 2,0	---	---	1	1	100%
Manganês (µg/l Mn)	50	---	< 0,50	0	100%	1	1	100%
Nitratos (mg/l NO_3)	50	---	< 4	0	100%	1	1	100%
Nitritos (mg/l NO_2)	0,50	---	< 0,04	0	100%	1	1	100%
Mercúrio (µg/l Hg)	1,0	---	< 0,010	0	100%	1	1	100%
Níquel (µg/l Ni)	20	---	< 2,0	0	100%	1	1	100%
Oxidabilidade (mg/l O_2)	5,0	---	< 1,9	0	100%	1	1	100%
Selénio (µg/l Se)	10	---	< 1,0	0	100%	1	1	100%
Sódio (mg/l Na)	200	---	6,89	0	100%	1	1	100%
Sulfatos (mg/l SO_4)	250	---	< 10	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	< 0,30	0	100%	1	1	100%
Tetracloroeteno(µg/l)	---	---	< 0,20	---	---	1	1	100%
Tricloroeteno(µg/l)	---	---	< 0,10	---	---	1	1	100%
Trihalometanos - total (µg/l):	100	---	1,07	0	100%	1	1	100%
Clorofórmio(µg/l)	---	---	0,48	---	---	1	1	100%
Bromofórmio(µg/l)	---	---	0,23	---	---	1	1	100%
Bromodiclorometano(µg/l)	---	---	0,48	---	---	1	1	100%
Dibromoclorometano(µg/l)	---	---	0,88	---	---	1	1	100%
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	< 0,10	0	100%	1	1	100%
Radão (Bq/l)	500,00	---	234	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	< 0,10	0	100%	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,050	0	100%	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,050	0	100%	1	1	100%

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE QUINTA DO ROCAMADOR DO CONCELHO DE SABUGAL	2 º TRIMESTRE
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).		2019

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	1	1	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	1	1	100%
Desinfetante residual (mg/l)	---	---	0,3	---	---	1	1	100%
Cheiro a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
Sabor a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
Condutividade (µS/cm a 20 ºC)	2500	---	---	---	---	0	0	---
Cor (mg/l PtCo)	20	---	---	---	---	0	0	---
Turvação (NTU)	4	---	---	---	---	0	0	---
Enterococos (N/100 ml)	0	---	---	---	---	0	0	---
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH_4)	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO_3)	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l $CaCO_3$)	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/l)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/l)	---	---	---	---	---	0	0	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	---	---	---	0	0	---
Nitratos (mg/l NO_3)	50	---	---	---	---	0	0	---
Nitritos (mg/l NO_2)	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O_2)	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO_4)	250	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/l)	---	---	---	---	---	0	0	---
Tricloroeteno(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	---	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	---

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE SABUGAL DO CONCELHO DE SABUGAL	2 º TRIMESTRE
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).		2019

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	8	8	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	8	8	100%
Desinfetante residual (mg/l)	---	0,6	0,9	---	---	8	8	100%
Cheiro a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	4	4	100%
Sabor a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	4	4	100%
pH (Unidades pH)	≥6,5 e ≤9,5	6,5	7,1	0	100%	4	4	100%
Condutividade (µS/cm a 20 ºC)	2500	113	170	0	100%	4	4	100%
Cor (mg/l PtCo)	20	< 5	20	0	100%	4	4	100%
Turvação (NTU)	4	< 0,5	4	0	100%	4	4	100%
Enterococos (N/100 ml)	0	---	0	0	100%	4	4	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	4	4	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	4	4	100%
Clostridium perfringens (N/100ml)	0	---	0	0	100%	4	4	100%
Alumínio (µg/L Al)	200	39	1600	1	75%	4	4	100%
Amónio (mg/l NH_4)	0,50	---	< 0,1	0	100%	1	1	100%
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	0 *	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	< 0,0050	0	100%	1	1	100%
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO_3)	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	23	---	---	1	1	100%
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	< 3,0	0	100%	1	1	100%
Cobre (mg/l Cu)	2,0	---	< 0,010	0	100%	1	1	100%
Crómio (µg/l Cr)	50	---	< 5,0	0	100%	1	1	100%
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l $CaCO_3$)	---	---	62	---	---	1	1	100%
Ferro (µg/l Fe)	200	---	94	0	100%	1	1	100%
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	< 0,08	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	---	< 0,020	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	---	< 0,020	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)	---	---	< 0,020	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)	---	---	< 0,020	---	---	1	1	100%
Magnésio (mg/l Mg)	---	---	< 2,0	---	---	1	1	100%
Manganês (µg/l Mn)	50	< 10	18,1	0	100%	4	4	100%
Nitratos (mg/l NO_3)	50	---	---	---	---	0	0	---
Nitritos (mg/l NO_2)	0,50	---	< 0,04	0	100%	1	1	100%
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	< 5	0	100%	1	1	100%
Oxidabilidade (mg/l O_2)	5,0	---	< 1,9	0	100%	4	4	100%
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO_4)	250	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/l)	---	---	---	---	---	0	0	---
Tricloroeteno(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	16,6	0	100%	1	1	100%
Clorofórmio(µg/l)	---	---	10,7	---	---	1	1	100%
Bromofórmio(µg/l)	---	---	0,43	---	---	1	1	100%
Bromodiclorometano(µg/l)	---	---	4,01	---	---	1	1	100%
Dibromoclorometano(µg/l)	---	---	1,45	---	---	1	1	100%
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	< 10,0	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	---	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	---

NOTA 1: * - Parâmetro (conservativo) analisado pela entidade gestora em alta (Água do Vale do Tejo)

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): • **Parâmetro** - Alumínio; **Causas do incumprimento** - Contaminação da rede predial devido a mistura com origem de água particular; **Medidas corretivas** - Comunicação ao responsável pela rede predial; **Duração do incumprimento** - 50 dias.

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE ALDEIA DE SANTO ANTÓNIO DO CONCELHO DE SABUGAL	2 º TRIMESTRE
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).		2019

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	2	2	100%
Desinfetante residual (mg/l)	---	0,2	0,8	---	---	2	2	100%
Cheiro a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
Sabor a 25 ºC (Factor de diluição)	3	---	---	---	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
Condutividade (µS/cm a 20 ºC)	2500	---	---	---	---	0	0	---
Cor (mg/l PtCo)	20	---	---	---	---	0	0	---
Turvação (NTU)	4	---	---	---	---	0	0	---
Enterococos (N/100 ml)	0	---	---	---	---	0	0	---
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH_4)	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO_3)	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l $CaCO_3$)	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/l)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/l)	---	---	---	---	---	0	0	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	---	---	---	0	0	---
Nitratos (mg/l NO_3)	50	---	---	---	---	0	0	---
Nitritos (mg/l NO_2)	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O_2)	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO_4)	250	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/l)	---	---	---	---	---	0	0	---
Tricloroeteno(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	---	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	---

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE FONTANÁRIO DE QUINTAS DE SANTO ANTÓNIO DO CONCELHO DE SABUGAL	2 º TRIMESTRE

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).

2019

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	2	2	100%
Desinfetante residual (mg/l)	---	0,2	0,4	---	---	2	2	100%
Cheiro a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
Sabor a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	---	7,4	0	100%	1	1	100%
Condutividade (µS/cm a 20 ºC)	2500	---	170	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,5	0	100%	1	1	100%
Enterococos (N/100 ml)	0	---	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	---	0	0	100%	1	1	100%
Alumínio (µg/L Al)	200	---	45,9	0	100%	1	1	100%
Amónio (mg/l NH_4)	0,50	---	< 0,1	0	100%	1	1	100%
Antimónio (µg/l Sb)	5,0	---	< 1,0	0	100%	1	1	100%
Arsénio (µg/l As)	10	---	< 1,0	0	100%	1	1	100%
Benzeno (µg/l)	1,0	---	< 0,20	0	100%	1	1	100%
Benzo(a)pireno (µg/l)	0,010	---	< 0,0050	0	100%	1	1	100%
Boro (mg/l B)	1,0	---	< 0,010	0	100%	1	1	100%
Bromatos (µg/l BrO_3)	10	---	< 5,0	0	100%	1	1	100%
Cádmio (µg/l Cd)	5,0	---	< 0,40	0	100%	1	1	100%
Cálcio (mg/l Ca)	---	---	32	---	---	1	1	100%
Cianetos (µg/l CN)	50	---	< 5	0	100%	1	1	100%
Cloretos (mg/l Cl)	250	---	9	0	100%	1	1	100%
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	< 1,0	0	100%	1	1	100%
Cobre (mg/l Cu)	2,0	---	0,0027	0	100%	1	1	100%
Crómio (µg/l Cr)	50	---	< 1,0	0	100%	1	1	100%
1,2 – dicloroetano (µg/l)	3,0	---	< 0,750	0	100%	1	1	100%
Dureza total (mg/l $CaCO_3$)	---	---	84	---	---	1	1	100%
Ferro (µg/l Fe)	200	---	3,4	0	100%	1	1	100%
Fluoretos (mg/l F)	1,5	---	< 0,4	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	< 0,08	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	---	< 0,020	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	---	< 0,020	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)	---	---	< 0,020	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)	---	---	< 0,020	---	---	1	1	100%
Magnésio (mg/l Mg)	---	---	< 2,0	---	---	1	1	100%
Manganês (µg/l Mn)	50	---	4,58	0	100%	1	1	100%
Nitratos (mg/l NO_3)	50	---	< 4	0	100%	1	1	100%
Nitritos (mg/l NO_2)	0,50	---	< 0,04	0	100%	1	1	100%
Mercúrio (µg/l Hg)	1,0	---	< 0,010	0	100%	1	1	100%
Níquel (µg/l Ni)	20	---	< 2,0	0	100%	1	1	100%
Oxidabilidade (mg/l O_2)	5,0	---	< 1,9	0	100%	1	1	100%
Selénio (µg/l Se)	10	---	< 1,0	0	100%	1	1	100%
Sódio (mg/l Na)	200	---	4,33	0	100%	1	1	100%
Sulfatos (mg/l SO_4)	250	---	< 10	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	< 0,30	0	100%	1	1	100%
Tetracloroeteno(µg/l)	---	---	< 0,20	---	---	1	1	100%
Tricloroeteno(µg/l)	---	---	< 0,10	---	---	1	1	100%
Trihalometanos - total (µg/l):	100	---	< 0,50	0	100%	1	1	100%
Clorofórmio(µg/l)	---	---	< 0,10	---	---	1	1	100%
Bromofórmio(µg/l)	---	---	< 0,20	---	---	1	1	100%
Bromodiclorometano(µg/l)	---	---	< 0,10	---	---	1	1	100%
Dibromoclorometano(µg/l)	---	---	< 0,10	---	---	1	1	100%
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	< 0,10	0	100%	1	1	100%
Radão (Bq/l)	500,00	---	< 10,0	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	< 0,10	0	100%	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,050	0	100%	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,050	0	100%	1	1	100%

O Presidente da Câmara Municipal,

(António dos Santos Robalo)

Câmara Municipal do Sabugal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE MALCATA DO CONCELHO DE SABUGAL	2 º TRIMESTRE

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, 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).

2019

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007, alterado pelo DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (N/100 ml)	0	---	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	---	0	0	100%	2	2	100%
Desinfetante residual (mg/l)	---	---	0,3	---	---	2	2	100%
Cheiro a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
Sabor a 25 ºC (Factor de diluição)	3	---	< 1	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	---	6,5	0	100%	1	1	100%
Condutividade (µS/cm a 20 ºC)	2500	---	30	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,5	0	100%	1	1	100%
Enterococos (N/100 ml)	0	---	0	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	0	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/l NH_4)	0,50	---	---	---	---	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	---
Arsénio (µg/l As)	10	---	---	---		0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/l BrO_3)	10	---	---	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	---
Cloritos (mg/l ClO_2)	0,7	---	---	---	---	0	0	---
Cloratos (mg/l ClO_3)	0,7	---	---	---	---	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Dureza total (mg/l $CaCO_3$)	---	---	---	---	---	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/l)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/l)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/l)	---	---	---	---	---	0	0	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	---
Manganês (µg/l Mn)	50	---	< 10	0	100%	1	1	100%
Nitratos (mg/l NO_3)	50	---	---	---	---	0	0	---
Nitritos (mg/l NO_2)	0,50	---	---	---	---	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	---
Oxidabilidade (mg/l O_2)	5,0	---	---	---	---	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/l SO_4)	250	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/l)	---	---	---	---	---	0	0	---
Tricloroeteno(µg/l)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	---	---	---	0	0	---
Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	---	---	---	0	0	---
Radão (Bq/l)	500,00	---	---	---	---	0	0	---
Pesticidas totais (µg/l)	0,50	---	---	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	---

O Presidente da Câmara Municipal,

(António dos Santos Robalo)