MUNICIPIO DE SABUGAL

Livro: Livro Editais
Registo n.º 23
Data: 04/03/2022
Registado por mariajoao.mendonca

MGD - GESTÃO DOCUMENTAL

EDITAL Nº 23 /2022

Vítor Manuel Dias Proença, 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 4.º trimestre de 2021.

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 outubro e dezembro de 2021 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 10 folhas).

O Presidente da Câmara Municipal,

Assinado por: **VÍTOR MANUEL DIAS PROENÇA**
Num. de Identificação: 08241951
Data: 2022.03.04 15:44:45+00'00'

(Vítor Manuel Dias Proença)

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SABUGAL
MUNICÍPIO

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO
NA ZONA DE ABASTECIMENTO DE ÁGUA DA FIGUEIRA DO CONCELHO DE SABUGAL

4 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).

2021

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	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	---	6,7	0	100%	1	1	100%
Condutividade (µS/cm a 20 ºC)	2500	---	28	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,50	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	---	13,3	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	---	6,9	0	100%	1	1	100%
Benzeno (µg/l)	1,0	---	< 0,20	0	100%	1	1	100%
Benzo(a)pireno (µg/l)	0,010	---	< 0,003	0	100%	1	1	100%
Boro (mg/l B)	1,0	---	< 0,010	0	100%	1	1	100%
Bromatos (µg/l BrO_3)	10	---	< 3,0	0	100%	1	1	100%
Cádmio (µg/l Cd)	5,0	---	< 0,40	0	100%	1	2	100%
Cálcio (mg/l Ca)	---	---	2,7	---	---	1	1	100%
Cianetos (µg/l CN)	50	---	< 5	0	100%	1	1	100%
Cloretos (mg/l Cl)	250	---	6,9	0	100%	1	1	100%
Chumbo (µg/l Pb)	10	---	< 1,0	0	100%	1	1	100%
Cobre (mg/l Cu)	2,0	---	0,0048	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 $CaCO_3$)	---	---	7,2	---	---	1	1	100%
Ferro (µg/l Fe)	200	---	< 2,0	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	---	< 0,012	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	---	< 0,006	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	---	< 0,003	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)	---	---	< 0,010	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)	---	---	<0,012	---	---	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	---	---	1	1	100%
Níquel (µg/l Ni)	20	---	< 2,0	0	100%	1	1	100%
Oxidabilidade (mg/l O_2)	5,0	---	1	0	100%	1	1	100%
Selénio (µg/l Se)	10	---	< 1,0	0	100%	1	1	100%
Sódio (mg/l Na)	200	---	3,78	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	---	87	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	< 0,10	0	100%	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%

O Presidente da Câmara Municipal,

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(Vítor Manuel Dias Proença)

SABUGAL
MUNICÍPIO

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO
NA ZONA DE ABASTECIMENTO DE ALDEIA DE SANTO ANTÓNIO DO CONCELHO DE SABUGAL

4 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).

2021

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	0,7	---	---	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	---	7,1	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	---	< 0,50	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	---	79	0	100%	1	1	100%
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	---
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	---

Assinado por: **VÍTOR MANUEL DIAS PROENÇA**
Num. de Identificação: 08241951
Data: 2022.03.07 09:52:58+00'00'

O Presidente da Câmara Municipal,

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(Vítor Manuel Dias Proença)

SABUGAL
MUNICÍPIO

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO
NA ZONA DE ABASTECIMENTO DE ALDEIA DO BISPO DO CONCELHO DE SABUGAL

4 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).

2021

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)	---	---	0,2	---	---	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	---
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	---

Assinado por: **VÍTOR MANUEL DIAS PROENÇA**
Num. de Identificação: 08241951
Data: 2022.03.07 09:52:29+00'00'

O Presidente da Câmara Municipal,

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(Vítor Manuel Dias Proença)

SABUGAL MUNICÍPIO

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE DIRÃO DA RUA DO CONCELHO DE SABUGAL

4 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).

2021

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	---	7,5	0	100%	1	1	100%
Condutividade (µS/cm a 20 ºC)	2500	---	150	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,50	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	---
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	---	< 0,10	0	100%	1	1	100%
Alfa total (Bq/l)	---	---	< 0,04	---	---	1	1	100%
Urânio -234 (Bq/l)	---	---	< 0,0040	---	---	1	1	100%
Urânio-238 (Bq/l)	---	---	< 0,0010	---	---	1	1	100%
Rádio-226 (Bq/l)	---	---	< 0,03	---	---	1	1	100%
Polónio-210 (Bq/l)	---	---	0,084	---	---	1	1	100%
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	---

Assinado por: **VITOR MANUEL DIAS PROENÇA**
Num. de Identificação: 08241951
Data: 2022.03.07 09:52:44+00'00'

O Presidente da Câmara Municipal,

(Vítor Manuel Dias Proença)

SABUGAL
MUNICÍPIO

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO
NA ZONA DE ABASTECIMENTO DE FONTANÁRIO DE QUINTA DO MONTEIRO
DO CONCELHO DE SABUGAL

4 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).

2021

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	---	< 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	---	6,7	0	100%	1	1	100%
Condutividade (µS/cm a 20 ºC)	2500	---	34	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	< 0,50	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	---	43	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	---	4,7	0	100%	1	1	100%
Benzeno (µg/l)	1,0	---	< 0,20	0	100%	1	1	100%
Benzo(a)pireno (µg/l)	0,010	---	< 0,003	0	100%	1	1	100%
Boro (mg/l B)	1,0	---	< 0,010	0	100%	1	1	100%
Bromatos (µg/l BrO_3)	10	---	< 3,0	0	100%	1	1	100%
Cádmio (µg/l Cd)	5,0	---	< 0,40	0	100%	1	1	100%
Cálcio (mg/l Ca)	---	---	2,6	---	---	1	1	100%
Cianetos (µg/l CN)	50	---	< 5	0	100%	1	1	100%
Cloretos (mg/l Cl)	250	---	7,1	0	100%	1	1	100%
Chumbo (µg/l Pb)	10	---	< 1,0	0	100%	1	1	100%
Cobre (mg/l Cu)	2,0	---	0,0043	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 $CaCO_3$)	---	---	8	---	---	1	1	100%
Ferro (µg/l Fe)	200	---	< 2,0	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	---	< 0,012	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	---	< 0,006	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	---	< 0,003	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)	---	---	< 0,010	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)	---	---	< 0,012	---	---	1	1	100%
Magnésio (mg/l Mg)	---	---	< 2,0	---	---	1	1	100%
Manganês (µg/l Mn)	50	---	3,95	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	0	100%	1	1	100%
Selénio (µg/l Se)	10	---	< 1,0	0	100%	1	1	100%
Sódio (mg/l Na)	200	---	4,24	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	---	263	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	< 0,10	0	100%	1	1	100%
Desetilterbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%
Terbutilazina (µg/l)	0,10	---	< 0,030	0	100%	1	1	100%

Assinado por: **VÍTOR MANUEL DIAS PROENÇA**
Num. de Identificação: 08241951
Data: 2022.03.07 09:50:41+00'00'

O Presidente da Câmara Municipal,

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(Vítor Manuel Dias Proença)

SABUGAL MUNICÍPIO

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE FONTANÁRIO DE QUINTAS DE SANTO ANTÓNIO DO CONCELHO DE SABUGAL

4 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).

2021

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	0,3	---	---	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	---
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)	0,10	---	---	---	---	0	0	---
Alfa total (Bq/l)	---	---	---	---	---	0	0	---
Urânio -234 (Bq/l)	---	---	---	---	---	0	0	---
Urânio-238 (Bq/l)	---	---	---	---	---	0	0	---
Rádio-226 (Bq/l)	---	---	---	---	---	0	0	---
Polónio-210 (Bq/l)	---	---	---	---	---	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	---

Assinado por: **VÍTOR MANUEL DIAS PROENÇA**
Num. de Identificação: 08241951
Data: 2022.03.07 09:50:27+00'00'

O Presidente da Câmara Municipal,

(Vítor Manuel Dias Proença)

SABUGAL
MUNICÍPIO

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO
NA ZONA DE ABASTECIMENTO DE MALCATA DO CONCELHO DE SABUGAL

4 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).

2021

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	---	6,9	0	100%	1	1	100%
Condutividade (µS/cm a 20 ºC)	2500	---	37	0	100%	1	1	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	1	1	100%
Turvação (NTU)	4	---	0,86	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	---
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	---

Assinado por: **VÍTOR MANUEL DIAS PROENÇA**
Num. de Identificação: 08241951
Data: 2022.03.07 09:50:11+00'00'

O Presidente da Câmara Municipal,

_____

(Vítor Manuel Dias Proença)

SABUGAL
MUNICÍPIO

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO
NA ZONA DE ABASTECIMENTO DE QUARTA-FEIRA DO CONCELHO DE SABUGAL

4 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).

2021

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)	---	---	0,4	---	---	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	---
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	---

Assinado por: **VÍTOR MANUEL DIAS PROENÇA**
Num. de Identificação: 08241951
Data: 2022.03.07 09:49:56+00'00'

O Presidente da Câmara Municipal,

_____

(Vítor Manuel Dias Proença)

SABUGAL MUNICÍPIO

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE SABUGAL DO CONCELHO DE SABUGAL

4 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).

2021

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)	---	0,4	0,8	---	---	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	6,6	7,3	0	100%	4	4	100%
Condutividade (µS/cm a 20 ºC)	2500	124	190	0	100%	4	4	100%
Cor (mg/l PtCo)	20	---	< 5	0	100%	4	4	100%
Turvação (NTU)	4	< 0,50	0,81	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	≤ 30	66	0	100%	4	4	100%
Amónio (mg/l NH_4)	0,50	---	< 0,1	0	100%	1	1	100%
Antimónio (µg/l Sb)	5,0	---	< 1,0*	---	---	0	0	---
Arsénio (µg/l As)	10	---	< 1,0*	---	---	0	0	---
Benzeno (µg/l)	1,0	---	< 0,20*	---	---	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	< 0,003	0	100%	1	1	100%
Boro (mg/l B)	1,0	---	< 0,010*	---	---	0	0	---
Bromatos (µg/l BrO_3)	10	---	< 3,0*	---	---	0	0	---
Cádmio (µg/l Cd)	5,0	---	< 0,40*	---	---	0	0	---
Cálcio (mg/l Ca)	---	---	29	---	---	1	1	100%
Cianetos (µg/l CN)	50	---	< 5*	---	---	0	0	---
Cloretos (mg/l Cl)	250	---	11*	---	---	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	---	< 0,750*	---	---	0	0	---
Dureza total (mg/l $CaCO_3$)	---	---	74	---	---	1	1	100%
Ferro (µg/l Fe)	200	< 40	48	0	100%	4	4	100%
Fluoretos (mg/l F)	1,5	---	< 0,4*	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/l):	0,10	---	< 0,012	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	---	< 0,006	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	---	< 0,003	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)	---	---	< 0,010	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)	---	---	< 0,012	---	---	1	1	100%
Magnésio (mg/l Mg)	---	---	< 2,0	---	---	1	1	100%
Manganês (µg/l Mn)	50	---	< 10	0	100%	4	4	100%
Nitratos (mg/l NO_3)	50	---	< 4*	---	---	0	0	---
Nitritos (mg/l NO_2)	0,50	---	< 0,04	0	100%	1	1	100%
Mercúrio (µg/l Hg)	1,0	---	< 0,010*	---	---	0	0	---
Níquel (µg/l Ni)	20	---	< 5	0	100%	1	1	100%
Oxidabilidade (mg/l O_2)	5,0	---	1	0	100%	1	1	100%
Selénio (µg/l Se)	10	---	< 1,0*	---	---	0	0	---
Sódio (mg/l Na)	200	---	3,96*	---	---	0	0	---
Sulfatos (mg/l SO_4)	250	---	< 10*	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/l):	10	---	< 0,30*	---	---	0	0	---
Tetracloroeteno(µg/l)	---	---	<0,10*	---	---	0	0	---
Tricloroeteno(µg/l)	---	---	< 0,20*	---	---	0	0	---
Trihalometanos - total (µg/l):	100	---	23,4	0	100%	1	1	100%
Clorofórmio(µg/l)	---	---	16,6	---	---	1	1	100%
Bromofórmio(µg/l)	---	---	< 0,20	---	---	1	1	100%
Bromodiclorometano(µg/l)	---	---	5,35	---	---	1	1	100%
Dibromoclorometano(µg/l)	---	---	1,42	---	---	1	1	100%
Dose indicativa (mSv) (α-total, β-total, radionuclídeos)	0,10	---	< 0,10*	---	---	0	0	---
Radão (Bq/l)	500,00	---	< 10	0	100%	1	1	100%
Pesticidas totais (µg/l)	0,50	---	< 0,10*	---	---	0	0	---
Desetilterbutilazina (µg/l)	0,10	---	< 0,030*	---	---	0	0	---
Terbutilazina (µg/l)	0,10	---	< 0,030*	---	---	0	0	---

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

Assinado por: **VÍTOR MANUEL DIAS PROENÇA**
Num. de Identificação: 08241951
Data: 2022.03.07 09:49:39+00'00'

O Presidente da Câmara Municipal,

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(Vítor Manuel Dias Proença)