



Compilação dos parâmetros pesquisados durante o 1º trimestre de 2018 no Município de Marvão.

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL N.º182/2017	Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
		Mínimo	Máximo			Agendas	Realizadas	
Escherichia Coli (N/100ml)	0	0	0	0	100%	5	5	100%
Bactérias Coliformes (N/100ml)	0	0	0	0	100%	5	5	100%
Desinfetante residual (mg Cl2/L)	---	0,31	1,1	---	---	5	5	100%
Alumínio (µg Al/L)	200	<20	<20	0	100%	2	2	100%
Amônio (mg NH4/L)	0,5	<0,050	<0,050	0	100%	2	2	100%
N.º Colônias 22°C (N/ml a 22°C)	Sem alter. anormal	N.D.	N.D.	---	---	2	2	100%
N.º Colônias 36°C (N/ml a 36°C)	Sem alter. anormal	N.D.	N.D.	---	---	2	2	100%
Condutividade (µS/cm, a 20 °C)	2500	198	212	0	100%	2	2	100%
Clostridium Perfringens (N/100ml)	0	0	0	0	100%	2	2	100%
Cor (mg PtCo/L)	20	<5	<5	0	100%	2	2	100%
pH (E. Sorensen)	6,5 - 9	7,5	7,6	0	100%	2	2	100%
Ferro (µg Fe/L)	200	-	-	-	-	0	0	N.A.
Manganês (µg Mn/L)	50	<10	<10	0	100%	2	2	100%
Nitrato (mg NO3/L)	50	-	-	-	-	0	0	N.A.
Nitrito (mg NO2/L)	0,5	-	-	-	-	0	0	N.A.
Oxidabilidade (mg O2/L)	5,0	<2,0	<2,0	0	100%	2	2	100%
Chloro, a 25°C (Fator de diluição)	3	<1	<1	0	100%	2	2	100%
Sabor, a 25 °C (Fator de diluição)	3	<1	<1	0	100%	2	2	100%
Turbidez (UNT)	4	<0,3	<0,3	0	100%	2	2	100%
Antimônio (µg Sb/L)	5,0	-	-	-	-	0	0	N.A.
Arsênio (µg As/L)	10	-	-	-	-	0	0	N.A.
Benzeno (µg/L)	1,0	-	-	-	-	0	0	N.A.
Benzo(a)pireno (µg/L)	0,010	-	-	-	-	0	0	N.A.
Boro (mg B/L)	1,0	-	-	-	-	0	0	N.A.
Bromato (µg BrO3/L)	10	-	-	-	-	0	0	N.A.
Cádmio (µg Cd/L)	5,0	-	-	-	-	0	0	N.A.
Cálcio (mg Ca/L)	---	-	-	-	-	0	0	N.A.
Chumbo (µg Pb/L)	10	-	-	-	-	0	0	N.A.
Cianeto (µg CN/L)	50	-	-	-	-	0	0	N.A.
Cobre (mg Cu/L)	2,0	-	-	-	-	0	0	N.A.
Crômio (µg Cr/L)	50	-	-	-	-	0	0	N.A.
1,2-Dicloroetano (µg/L)	3,0	-	-	-	-	0	0	N.A.
Dureza Total (mg CaCO3/L)	---	-	-	-	-	0	0	N.A.
Enterococos fecais (N/100ml)	0	-	-	-	-	0	0	N.A.
Fluorato (mg F/L)	1,5	-	-	-	-	0	0	N.A.
Magnésio (mg Mg/L)	---	-	-	-	-	0	0	N.A.
Mercurio (µg Hg/L)	1,0	-	-	-	-	0	0	N.A.
Níquel (µg Ni/L)	20	-	-	-	-	0	0	N.A.
Selênio (µg Se/L)	10	-	-	-	-	0	0	N.A.
Clorato (mg Cl/L)	250	-	-	-	-	0	0	N.A.
Sódio (mg Na/L)	200	-	-	-	-	0	0	N.A.
Sulfato (mg SO4/L)	250	-	-	-	-	0	0	N.A.
Carbono Orgânico Total (mg C/L)	Sem alteração anormal	-	-	-	-	0	0	N.A.
Tetracloroetano e Tricloroetano (µg/L)	10	-	-	-	-	0	0	N.A.
Tetracloroetano (µg/L)	---	-	-	-	-	0	0	N.A.
Tricloroetano (µg/L)	---	-	-	-	-	0	0	N.A.
Hidrocarbonetos Aromáticos Policíclicos (µg/L)	0,10	-	-	-	-	0	0	N.A.
Benzo(b)fluoranteno (µg/L)	---	-	-	-	-	0	0	N.A.
Benzo(k)fluoranteno (µg/L)	---	-	-	-	-	0	0	N.A.
Benzo(ghi)perileno (µg/L)	---	-	-	-	-	0	0	N.A.
Indeno(1,2,3-cd)pireno (µg/L)	---	-	-	-	-	0	0	N.A.
Trihalometanos - total (µg/L)	100	-	-	-	-	0	0	N.A.
Clorofórmio (µg/L)	---	-	-	-	-	0	0	N.A.
Bromofórmio (µg/L)	---	-	-	-	-	0	0	N.A.
Bromodiclorometano (µg/L)	---	-	-	-	-	0	0	N.A.
Dibromoclorometano (µg/L)	---	-	-	-	-	0	0	N.A.
Dose Indicativa (mSv/ano)	0,10	-	-	-	-	0	0	N.A.
Alfa-total (Bq/L)	0,10 (Nível Verificação)	-	-	-	-	0	0	N.A.
Beta-Total (Bq/L)	1,0 (Nível verificação)	-	-	-	-	0	0	N.A.
Radão (Bq/L)	500	-	-	-	-	0	0	N.A.
Pesticidas Totais (µg/L)	0,50	-	-	-	-	0	0	N.A.

Notas:

- N. D. - Não Detectado.
- N.A. - Não aplicável. Parâmetro não determinado durante este trimestre.
- L.Q. - Limite de Quantificação

Mun: Antonio Silveira

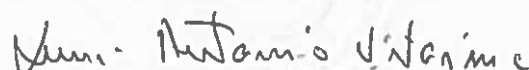
Resumo dos parâmetros pesquisados na zona de abastecimento: Pitaranha							1º TRIMESTRE 2018 1 janeiro a 31 março	
Parâmetro (unidades)	Valor Paramétrico (V.P.) fixado no DL n.º 152/17	Mínimo	Máximo	N.º Análises Superiores ao V.P.	% Cumprimento do V.P.	N.º Análises Agendadas	N.º Análises Realizadas	% Análises Realizadas
Escherichia Coli (N/100ml)	0	0	0	0	100%	1	1	100%
Bactérias Coliformes (N/100ml)	0	0	0	0	100%	1	1	100%
Desinfectante residual (mg Cl ₂ /L)	---	0,31	0,31	---	---	1	1	100%
Alumínio (µg Al/L)	200	---	---	---	---	0	0	---
Amônio (mg NH ₄ /L)	0,50	---	---	---	---	0	0	---
N.º Colónias 22°C (N/ml a 22°C)	Sem alteração anormal	---	---	---	---	0	0	---
N.º Colónias 36°C (N/ml a 36°C)	Sem alteração anormal	---	---	---	---	0	0	---
Condutividade (µS/cm, a 20 °C)	2500	---	---	---	---	0	0	---
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Cor (mg PtCo/L)	20	---	---	---	---	0	0	---
pH (E. Sorensen)	≥6,5 e ≤9	---	---	---	---	0	0	---
Ferro (µg Fe/L)	200	---	---	---	---	0	0	---
Manganês (µg Mn/L)	50	---	---	---	---	0	0	---
Nitrato (mg NO ₃ /L)	50	---	---	---	---	0	0	---
Nitrito (mg NO ₂ /L)	0,50	---	---	---	---	0	0	---
Oxidabilidade (mg O ₂ /L)	5,0	---	---	---	---	0	0	---
Cheiro, a 25°C (Fator de diluição)	3	---	---	---	---	0	0	---
Sabor, a 25°C (Fator de diluição)	3	---	---	---	---	0	0	---
Turvação (UNT)	4	---	---	---	---	0	0	---
Antimônio (µg Sb/L)	5,0	---	---	---	---	0	0	---
Arsênio (µg As/L)	10	---	---	---	---	0	0	---
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro (mg B/L)	1,0	---	---	---	---	0	0	---
Bromato (µg BrO ₃ /L)	10	---	---	---	---	0	0	---
Cádmio (µg Cd/L)	5,0	---	---	---	---	0	0	---
Cálcio (mg Ca/L)	---	---	---	---	---	0	0	---
Chumbo (µg Pb/L)	25	---	---	---	---	0	0	---
Cianeto (µg CN/L)	50	---	---	---	---	0	0	---
Cobre (mg Cu/L)	2,0	---	---	---	---	0	0	---
Crômio (µg Cr/L)	50	---	---	---	---	0	0	---
1,2-Dicloroetano (µg/L)	3,0	---	---	---	---	0	0	---
Dureza Total (mg CaCO ₃ /L)	---	---	---	---	---	0	0	---
Enterococos fecais (N/100ml)	0	---	---	---	---	0	0	---
Fluoreto (mg F/L)	1,5	---	---	---	---	0	0	---
Magnésio (mg Mg/L)	---	---	---	---	---	0	0	---
Merúrio (µg Hg/L)	1,0	---	---	---	---	0	0	---
Níquel (µg Ni/L)	20	---	---	---	---	0	0	---
Selênio (µg Se/L)	10	---	---	---	---	0	0	---
Cloreto (mg Cl/L)	250	---	---	---	---	0	0	---
Sódio (mg Na/L)	200	---	---	---	---	0	0	---
Sulfato (mg SO ₄ /L)	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg C/L)	Sem alteração anormal	---	---	---	---	0	0	---
Soma de Tetracloroetano e Tricloroetano (µg/L)	10	---	---	---	---	---	---	---
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	---
Tricloroetano (µg/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L)	0,10	---	---	---	---	---	---	---
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	---
Trihalometanos Totais (µg/L)	100	---	---	---	---	---	---	---
Clorofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromodiorometano (µg/L)	---	---	---	---	---	0	0	---
Dibromodiorometano (µg/L)	---	---	---	---	---	0	0	---
Dose Indicativa (mSv/ano)	0,10	---	---	---	---	0	0	---
Alfa-total (Bq/L)	0,10 (Nível verificação)	---	---	---	---	0	0	---
Beta-Total (Bq/L)	1,0 (Nível verificação)	---	---	---	---	0	0	---
Radão (Bq/L)	500	---	---	---	---	0	0	---
Pesticidas Totais (µg/L)	0,50	---	---	---	---	0	0	---

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Notas:

L.Q. - Limite de Quantificação

N.D. - Não Detectado



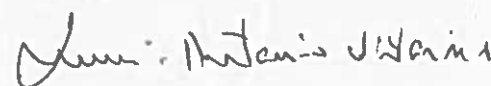
Resumo dos parâmetros pesquisados na zona de abastecimento: S. Salvador, Stª Maria, Stª Antª das Areias e B							1º TRIMESTRE 2018 1 janeiro a 31 março	
Parâmetro (unidades)	Valor Paramétrico (V.P.) fixado no DL n.º 152/17	Mínimo	Máximo	N.º Análises Superiores ao V.P.	% Cumprimento do V.P.	N.º Análises Agendadas	N.º Análises Realizadas	% Análises Realizadas
Escherichia Coli (N/100ml)	0	0	0	0	100%	3	3	100%
Bactérias Coliformes (N/100ml)	0	0	0	0	100%	3	3	100%
Desinfetante residual (mg Cl ₂ /L)	---	0,75	0,95	---	---	3	3	100%
Alumínio (µg Al/L)	200	<20	<20	0	100%	2	2	100%
Amónio (mg NH ₄ /L)	0,50	<0,050	<0,050	0	100%	2	2	100%
N.º Colónias 22°C (N/ml a 22°C)	s/ alter. anormal	N.D.	N.D.	---	---	2	2	100%
N.º Colónias 36°C (N/ml a 36°C)	s/ alter. anormal	N.D.	N.D.	---	---	2	2	100%
Condutividade (µS/cm. a 20 °C)	2500	198	212	0	100%	2	2	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	2	2	100%
Cor (mg PtCo/L)	20	<5	<5	0	100%	2	2	100%
pH (E. Sorensen)	≥6.5 e ≤9.5	7,5	7,6	0	100%	2	2	100%
Ferro (µg Fe/L)	200	---	---	---	---	0	0	---
Manganês (µg Mn/L)	50	<10	<10	0	100%	2	2	100%
Nitrato (mg NO ₃ /L)	50	---	---	---	---	0	0	---
Nitrito (mg NO ₂ /L)	0,50	---	---	---	---	0	0	---
Oxidabilidade (mg O ₂ /L)	5,0	<2,0	<2,0	0	100%	2	2	100%
Cheiro, a 25°C (Fator de diluição)	3	<1	<1	0	100%	2	2	100%
Sabor, a 25°C (Fator de diluição)	3	<1	<1	0	100%	2	2	100%
Turvação (UNT)	4	<0,3	<0,3	0	100%	2	2	100%
Antimónio (µg Sb/L)	5,0	---	---	---	---	0	0	---
Arsénio (µg As/L)	10	---	---	---	---	0	0	---
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro (mg B/L)	1,0	---	---	---	---	0	0	---
Bromato (µg BrO ₃ /L)	10	---	---	---	---	0	0	---
Cádmio (µg Cd/L)	5,0	---	---	---	---	0	0	---
Cálcio (mg Ca/L)	---	---	---	---	---	0	0	---
Chumbo (µg Pb/L)	25	---	---	---	---	0	0	---
Cianeto (µg CN/L)	50	---	---	---	---	0	0	---
Cobre (mg Cu/L)	2,0	---	---	---	---	0	0	---
Crómio (µg Cr/L)	50	---	---	---	---	0	0	---
1,2-Dicloroetano (µg/L)	3,0	---	---	---	---	0	0	---
Dureza Total (mg CaCO ₃ /L)	---	---	---	---	---	0	0	---
Enterococos fecais (N/100ml)	0	---	---	---	---	0	0	---
Fluoreto (mg F/L)	1,5	---	---	---	---	0	0	---
Magnésio (mg Mg/L)	---	---	---	---	---	0	0	---
Mercurio (µg Hg/L)	1,0	---	---	---	---	0	0	---
Níquel (µg Ni/L)	20	---	---	---	---	0	0	---
Selénio (µg Se/L)	10	---	---	---	---	0	0	---
Cloreto (mg Cl/L)	250	---	---	---	---	0	0	---
Sódio (mg Na/L)	200	---	---	---	---	0	0	---
Sulfato (mg SO ₄ /L)	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg C/L)	Sem alteração anormal	---	---	---	---	0	0	---
Soma de Tetracloreto e Tricloreto (µg/L)	10	---	---	---	---	---	---	---
Tetracloreto (µg/L)	---	---	---	---	---	0	0	---
Tricloreto (µg/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L)	0,10	---	---	---	---	---	---	---
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	---
Trihalometanos Totais (µg/L)	100	---	---	---	---	---	---	---
Clorofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromodiorometano (µg/L)	---	---	---	---	---	0	0	---
Dibromodiorometano (µg/L)	---	---	---	---	---	0	0	---
Dose Indicativa (mSv/ano)	0,10	---	---	---	---	0	0	---
Alfa-total (Bq/L)	0,10 (Nível verificação)	---	---	---	---	0	0	---
Beta-Total (Bq/L)	1,0 (Nível verificação)	---	---	---	---	0	0	---
Radão (Bq/L)	500	---	---	---	---	0	0	---
Pesticidas Totais (µg/L)	0,50	---	---	---	---	0	0	---

urea:

Notas:

L.Q. - Limite de Quantificação

N.D. Não Detectado



Resumo dos parâmetros pesquisados na zona de abastecimento: Porto Roque

1º TRIMESTRE 2018
1 janeiro a 31 março

Parâmetro (unidades)	Valor Paramétrico (V.P.) fixado no DL n.º 152/17	Mínimo	Máximo	N.º Análises Superiores ao V.P.	% Cumprimento do V.P.	N.º Análises Agendadas	N.º Análises Realizadas	% Análises Realizadas
Escherichia Coli (N/100ml)	0	0	0	0	100%	1	1	100%
Bactérias Coliformes (N/100ml)	0	0	0	0	100%	1	1	100%
Desinfectante residual (mg Cl ₂ /L)	---	1,1	1,1	---	---	1	1	100%
Alumínio (µg Al/L)	200	---	---	---	---	0	0	---
Amónio (mg NH ₄ /L)	0,50	---	---	---	---	0	0	---
N.º Colónias 22°C (N/ml a 22°C)	Sem alteração anormal	---	---	---	---	0	0	---
N.º Colónias 36°C (N/ml a 36°C)	Sem alteração anormal	---	---	---	---	0	0	---
Condutividade (µS/cm, a 20 °C)	2500	---	---	---	---	0	0	---
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Cor (mg PtCo/L)	20	---	---	---	---	0	0	---
pH (E. Sorensen)	≥6,5 e ≤9	---	---	---	---	0	0	---
Ferro (µg Fe/L)	200	---	---	---	---	0	0	---
Manganês (µg Mn/L)	50	---	---	---	---	0	0	---
Nitrato (mg NO ₃ /L)	50	---	---	---	---	0	0	---
Nitrito (mg NO ₂ /L)	0,50	---	---	---	---	0	0	---
Oxidabilidade (mg O ₂ /L)	5,0	---	---	---	---	0	0	---
Cheiro, a 25°C (Fator de diluição)	3	---	---	---	---	0	0	---
Sabor, a 25°C (Fator de diluição)	3	---	---	---	---	0	0	---
Turvação (UNT)	4	---	---	---	---	0	0	---
Antimónio (µg Sb/L)	5,0	---	---	---	---	0	0	---
Arsénio (µg As/L)	10	---	---	---	---	0	0	---
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---
Benzó(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro (mg B/L)	1,0	---	---	---	---	0	0	---
Bromato (µg BrO ₃ /L)	10	---	---	---	---	0	0	---
Cádmio (µg Cd/L)	5,0	---	---	---	---	0	0	---
Cálcio (mg Ca/L)	---	---	---	---	---	0	0	---
Chumbo (µg Pb/L)	25	---	---	---	---	0	0	---
Cianeto (µg CN/L)	50	---	---	---	---	0	0	---
Cobres (mg Cu/L)	2,0	---	---	---	---	0	0	---
Crómio (µg Cr/L)	50	---	---	---	---	0	0	---
1,2-Dicloroetano (µg/L)	3,0	---	---	---	---	0	0	---
Dureza Total (mg CaCO ₃ /L)	---	---	---	---	---	0	0	---
Enterococos fecais (N/100ml)	0	---	---	---	---	0	0	---
Fluoreto (mg F/L)	1,5	---	---	---	---	0	0	---
Magnésio (mg Mg/L)	---	---	---	---	---	0	0	---
Mercurio (µg Hg/L)	1,0	---	---	---	---	0	0	---
Níquel (µg Ni/L)	20	---	---	---	---	0	0	---
Selénio (µg Se/L)	10	---	---	---	---	0	0	---
Cloro (mg Cl/L)	250	---	---	---	---	0	0	---
Sódio (mg Na/L)	200	---	---	---	---	0	0	---
Sulfato (mg SO ₄ /L)	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg C/L)	Sem alteração anormal	---	---	---	---	0	0	---
Soma de Tetracloroetano e Tricloroetano (µg/L)	10	---	---	---	---	---	---	---
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	---
Tricloroetano (µg/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L)	0,10	---	---	---	---	---	---	---
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	---
Trihalometanos Totais (µg/L)	100	---	---	---	---	---	---	---
Clorofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromofórmio (µg/L)	---	---	---	---	---	0	0	---
Bromodichlorometano (µg/L)	---	---	---	---	---	0	0	---
Dibromodichlorometano (µg/L)	---	---	---	---	---	0	0	---
Dose Indicativa (mSv/ano)	0,10	---	---	---	---	0	0	---
Alfa-total (Bq/L)	0,10 (Nível verificação)	---	---	---	---	0	0	---
Beta-Total (Bq/L)	1,0 (Nível verificação)	---	---	---	---	0	0	---
Radão (Bq/L)	500	---	---	---	---	0	0	---
Pesticidas Totais (µg/L)	0,50	---	---	---	---	0	0	---

vea:

Notas:

L.Q. - Limite de Quantificação

N.D. Não Detectado

