

1º Trimestre

Zona Abastecimento:		ZAA2_TC_2020							
Grupo	Parâmetro	Nº Análises Previstas no PCQA	% de Análises Realizadas	Unidades	Valor Paramétrico	Valor Recomendado	Valores Máximos Obtidos	Valores Mínimos Obtidos	% de Análises que cumprem a legislação
CR1	Bacterias coliformes	9	100	UFC/100mL	0	---	0	0	100
	Cloro residual livre	9	100	mg/l Cl ₂	---	≥ 0.2 e ≤ 0.6	0.7	0.21	100
	<i>E. coli</i>	9	100	N/100 mL	0	---	0	0	100
	Alumínio	3	133.3(3)	µg/l Al	200	---	35.3	18.3	100
	Amónio	3	133.3(3)	mg/L NH ₄	0.5	---	<0.05	<0.05	100
	Cheiro	3	133.3(3)	Factor de diluição	3	---	<1	<1	100
	<i>Clostridium perfringens</i> (incluindo esporos)	3	133.3(3)	N/100mL	0	---	0	0	100
	Conductividade	3	133.3(3)	µS/cm a 20°C	2500	---	278	139	100
	Carbono orgânico total (COT)	3	100	mg/L PtCo	SAA	---	1.67	0.80	100
	Cor	3	133.3(3)	N/100 mL	0	---	<3	<3	100
CR2	Enterococos	3	133.3(3)	µg/l Fe	200	---	0	0	100
	Ferro	3	66.67	µg/l Mn	50	---	169	<60	100
	Manganes	3	133.3(3)	mg/l NO ₃	50	---	0.64	<0.50	100
	Nitratos	3	133.3(3)	mg/L NO ₂	0.1	---	12	4	100
	Nitritos	3	66.67	UFC/ mL	SAA	---	<0.10	<0.10	100
	Número total de Germes a 22°C	3	66.67	UFC/ mL	100	---	0	0	100
	Número total de Germes a 37°C	3	66.67	UFC/mL	SAA	---	0	0	100
	Oxidabilidade	3	133.33	mg/L O ₂	5	---	<1.0	<1.0	100
	pH	3	133.33	Unidades de pH	≥ 6,5 e ≤ 9,5	---	7.8	7.4	100
	Sabor	3	133.33	Factor de diluição	3	---	<1	<1	100
CI	Turvação	3	133.33	NTU	≤ 1	---	<1.0	<1.0	100
	Trihalometanos Total	3	100	µg/L	100	---	38.1	25.7	100
	Bromofórmio	3	100	µg/L	100	---	3.5	0.22	100
	Clorofórmio	3	100	µg/L	100	---	23.7	11.0	100
	Bromodichlorometano	3	100	µg/L	100	---	9.71	6.62	100
	Dibromodichlorometano	3	100	µg/L	100	---	7.44	2.22	100
	1,2-dicloroetano	0	---	µg/L	3	---	---	---	---
	Alfa total	0	---	µg/L	0.1 Bq/L	---	---	---	---
	Acetilamida	0	---	µg/L	0.1	---	---	---	---
	Antimónio	0	---	µg/L Sb	5	---	---	---	---
Arsénio	0	---	µg/L As	10	---	---	---	---	
Benzeno	0	---	µg/L	1	---	---	---	---	
Benzo(a)pireno	0	---	µg/l	0.01	---	---	---	---	
Beta total	0	---	Bq/L	1 Bq/L	---	---	---	---	
Boro	0	---	mg/L B	1	---	---	---	---	
Bromatos	0	---	µg/l BrO ₃	10	---	---	---	---	
Cádmio	0	---	µg/L Cd	5	---	---	---	---	
Cálcio	0	---	mg/L Ca	---	<100	---	---	---	
Chumbo	0	---	µg/L Pb	10	---	---	---	---	
Cianetos	0	---	µg/L CN	50	---	---	---	---	
Cloratos	0	---	mg/L ClO ₃	0.7	---	<0.08	<0.08	100	
Cloritos	0	---	mg/L ClO ₂	0.7	---	<0.02	<0.02	100	
Cobre	0	---	mg/L Cu	2.0	---	---	---	---	
Crómio	0	---	µg/L Cr	50	---	---	---	---	
Dose Indicativa total	0	---	mSv/ano	0.1 mSv/ano	---	---	---	---	
Dureza total	0	---	mg/L CaCO ₃	---	≥ 150 e ≤ 500	---	---	---	
Fluoretos	0	---	mg/L F	1.5	---	---	---	---	
Hydrocarbonetos Aromáticos Policíclicos (HAP)	0	---	µg/L	0.1	---	---	---	---	
Benzo(b)fluoranteno	0	---	µg/L	0.1	---	---	---	---	
Benzo(k)fluoranteno	0	---	µg/L	0.1	---	---	---	---	
Benzo(g,h,i)perileno	0	---	µg/L	0.1	---	---	---	---	
Indeno(1,2,3-cd)pireno	0	---	µg/L	0.1	---	---	---	---	
Magnésio	0	---	mg/L Mg	---	≤ 50	---	---	---	
Mercurio	0	---	µg/L Hg	1	---	---	---	---	
Níquel	0	---	µg/L Ni	20	---	---	---	---	
Radão	0	---	Bq/L	500 Bq/L	---	---	---	---	
Pesticidas totais	0	---	µg/L	0.5	---	---	---	---	
Alacloro	0	---	ng/L	---	---	---	---	---	
Benlazona	0	---	µg/L	---	---	---	---	---	
Clorpirifos	0	---	µg/L	---	---	---	---	---	
Dimetoato	0	---	µg/L	---	---	---	---	---	
Omeotoato	0	---	ug/L	---	---	---	---	---	
Diurão	0	---	µg/L	0.1	---	---	---	---	
Imidaclopride	0	---	µg/L	0.1	---	---	---	---	
Isoproturão	0	---	ng/L	---	---	---	---	---	
Linurão	0	---	µg/L	0.1	---	---	---	---	
MCPA	0	---	µg/L	0.1	---	---	---	---	
Metaxil / Metalixil-M	0	---	µg/L	0.1	---	---	---	---	
Metalacloro / S-Metalacloro	0	---	µg/L	0.1	---	---	---	---	
Oxamil	0	---	µg/L	0.1	---	---	---	---	
Simazina	0	---	ug/L	0.1	---	---	---	---	
Dimetilsimazina	0	---	µg/L	0.1	---	---	---	---	
Terbutilazina	0	---	µg/L	0.1	---	---	---	---	
Desetilterbutilazina	0	---	µg/L	0.1	---	---	---	---	
Selénio	0	---	µg/L Se	10	---	---	---	---	
Sódio	0	---	mg/L Na	200	---	---	---	---	
Sulfatos	0	---	mg/L SO ₄	250	---	---	---	---	
Tetracloretoeno	0	---	µg/L	10	---	---	---	---	
Tricloroetano	0	---	µg/L	10	---	---	---	---	
TOTAL		96							

Legenda

- > Valor superior ao Limite de Quantificação
- < Valor inferior ao Limite de Quantificação
- Abc Valor superior ao limite permitido por lei (valor paramétrico)
- Abc Valor superior / inferior ao recomendado por lei (parâmetros indicadores)

Metodologia de averiguação de causas relativas a incumprimentos:

Causas relativas a incumprimentos:

Medidas corretivas implementadas: