

4º Trimestre

Zona Abastecimento:		ZA4_TC_2019							
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	Bactérias coliformes	6	100	UFC/100mL	0	---	0	0	100
	Cloro residual livre	6	150	mg/L Cl ₂	≥ 0,2 e ≤ 0,6	---	0,6	0,28	100
	E. coli	6	100	UFC/100mL	0	---	0	0	100
CR2	Alumínio	3	100	µg/L Al	200	---	31,2	14,6	100
	Amónio	3	100	mg/L NH ₄ ⁺	0,50	---	<0,05	<0,05	100
	Cheiro	3	100	Factor diluição	3	---	<1	<1	100
	Clostridium perfringens (incluindo esporos)	3	100	UFC/100ml	0	---	0	0	100
	Condutividade	3	200	µS/cm a 20°C	2500	---	564	196	100
	Cor	3	100	mg/L PtCo	20	---	<3,0	<3,0	100
	Enterococos	3	100	UFC/100ml	0	---	0	0	100
	Ferro	3	100	µg/L Fe	200	---	<60	<60	100
	Manganês	3	100	µg/L Mn	50	---	1,12	<0,50	100
	Nitratos	3	100	mg/L NO ₃	50	---	5,3	2,5	100
	Nitritos	3	100	mg/L NO ₂	0,1	---	<0,10	<0,10	100
	Número total de Germes a 22°C	3	200	UFC/mL	SAA	100	54	0	100
	Número total de Germes a 37°C	3	200	UFC/mL	SAA	20	36	0	100
	Oxidabilidade	3	100	mg/L O ₂	5	---	2,3	<1,0	100
	pH	3	200	Unidades de pH	≥ 6,5 e ≤ 9,5	---	8,3	7,5	100
	Sabor	3	100	Factor diluição	3	---	<1	<1	100
	Turvação	3	200	NTU	≤ 1	---	<1,0	<0,20	100
CI	1,2-dicloroetano	0	---	µg/L	3	---	---	---	---
	Alfa total	0	---	Bq/L	0,1 Bq/L	---	---	---	---
	Acrilamida	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	---	---	---	---
	Cloretos	0	---	mg/L Cl	250	---	---	---	---
	Cloritos	0	---	mg/L ClO ₂	0,7	---	---	---	---
	Cobre	0	---	mg/L Cu	2,0	---	---	---	---
	Carbono orgânico total (COT)	0	---	mg/L	---	SAA	---	---	---
	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	---	---	---	---
	Hidrocarbonetos 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	---	---	---
	Mercúrio	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	---	---	---	---	---
	Bentazona	1	100	µg/L	0,1	---	<0,050	<0,050	100
	Clorpirifos	0	---	µg/L	---	---	---	---	---
	Dimetoato	0	---	ng/L	---	---	---	---	---
	Omeotoato	0	---	µg/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	---	---	---	---
	Metalaxil / Metalixil-M	0	---	µg/L	0,1	---	---	---	---
	Metalaclo / S-Metalaclo	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	---	---	---	---
	Tetracloreteno	0	---	µg/L	10	---	---	---	---
	Tricloroeteno	0	---	µg/L	10	---	---	---	---
	Trihalometanos Total	0	---	µg/L	100	---	---	---	---
	Bromofórmio	0	---	µg/L	100	---	---	---	---
	Clorofórmio	0	---	µg/L	100	---	---	---	---
	Bromodichlorometano	0	---	µg/L	100	---	---	---	---
	Dibromoclorometano	0	---	µg/L	100	---	---	---	---
TOTAL		70							

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:
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