

2º Trimestre 2019

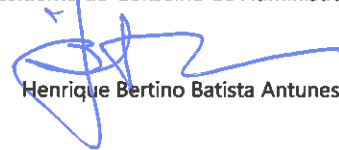
Zona de Abastecimento		ZA3_Ferrel								
Grupo	Parâmetro	Nº Análises Previstas no PCQA	% de Análises Realizadas	Unidades	Valor Paramétrico	Valor Recomendado	Valores Máximos Obtidos	Valores Mínimos Obtidos	% de Análises que cumprem a legislação	
CR1	Bacterias coliformes	3	100	UFC/100ml	0	---	0	0	100	
	<i>E. coli</i>	3	100	N/100 ml	0	---	0	0	100	
	Cloro residual livre	3	100	mg/l Cl2	---	≥ 0,2 e ≤ 0,6	0,4	0,26	100	
CR2	Alumínio	1	100	µg/l Al	200	---	32,2	32,2	100	
	Amónio	1	100	mg/l NH4	0,50	---	<0,05	<0,05	100	
	Cheiro	1	100	Factor de diluição	3	---	<1	<1	100	
	Clostridium perfringens (incluindo esporos)	1	100	N/100ml	0	---	0	0	100	
	Condutividade	1	100	µS/cm a 20°C	2500	---	158	158	100	
	Cor	1	100	mg/l PtCo	20	---	<3,0	<3,0	100	
	Enterococos	1	100	N/100 ml	0	---	0	0	100	
	Ferro	1	100	µg/l Fe	200	---	<60	<60	100	
	Manganês	1	100	µg/l Mn	50	---	0,64	0,64	100	
	Nitratos	1	100	mg/l NO3	50	---	10	10	100	
	Nitritos	1	100	mg/L NO2	0,1	---	<0,10	<0,10	100	
	Número total de Germes a 22°C	1	100	UFC/ mL	SAA	100	0	0	100	
	Número total de Germes a 37°C	1	100	UFC/mL	SAA	20	0	0	100	
	Oxidabilidade	1	100	mg/L O2	5	---	1,1	1,1	100	
	pH	1	100	Unidades de pH	≥ 6,5 e ≤ 9,5	---	7,6	7,6	100	
	Sabor	1	100	Factor de diluição	3	---	<1	<1	100	
	Turvação	1	100	NTU	≤ 1	---	<1,0	<1,0	100	
CI	1,2-dicloroetano	---	---	µg/L	3	---	---	---	---	
	Alfa total	---	---	Bq/ L	0,1	---	---	---	---	
	Acrilamida	---	---	µg/L	0,1	---	---	---	---	
	Antimónio	---	---	µg/L Sb	5	---	---	---	---	
	Arsénio	---	---	µg/L As	10	---	---	---	---	
	Benzeno	---	---	µg/L	1	---	---	---	---	
	Benzo(a)pireno	---	---	µg/L	0,01	---	---	---	---	
	Beta total	---	---	Bq/ L	1	---	---	---	---	
	Boro	---	---	mg/ L B	1	---	---	---	---	
	Bromatos	---	---	µg/L BrO3	10	---	---	---	---	
	Cádmio	---	---	µg/L Cd	5	---	---	---	---	
	Cálcio	---	---	mg/ L Ca	---	<100	---	---	---	
	Carbono orgânico total (COT)	---	---	mg/ L	---	SAA	---	---	---	
	Chumbo	---	---	µg/L Pb	10	---	---	---	---	
	Cianetos	---	---	µg/L CN	50	---	---	---	---	
	Cloratos	---	---	mg/ L	0,7	---	---	---	---	
	Cloretos	---	---	mg/ L	250	---	---	---	---	
	Cloritos	---	---	mg/ L	0,7	---	---	---	---	
	Cobre	---	---	mg/ L	2,0	---	---	---	---	
	Crómio	---	---	µg/L Cr	50	---	---	---	---	
	Dose Indicativa total	---	---	mSv/ ano	0,1	---	---	---	---	
	Dureza total	---	---	mg/ L CaCO3	---	---	---	---	---	
	Fluoretos	---	---	mg/ L F	1,5	---	---	---	---	
	Hidrocarbonetos Aromáticos Policíclicos (HAP)	---	---	µg/L	0,1	---	---	---	---	
	Benzo(b)fluoranteno	---	---	µg/L	---	---	---	---	---	
	Benzo(g,h,i)perileno	---	---	µg/L	---	---	---	---	---	
	Benzo(k)fluoranteno	---	---	µg/L	---	---	---	---	---	
	Indeno(1,2,3-cd)pireno	---	---	µg/L	---	---	---	---	---	
	Magnésio	---	---	mg/ L	---	50	---	---	---	
	Mercurio	---	---	µg/L Hg	1	---	---	---	---	
	Níquel	---	---	µg/L Ni	20	---	---	---	---	
	Radão	---	---	Bq/ L	500	---	---	---	---	
	Pesticidas totais	---	---	µg/L	0,5	---	---	---	---	
	Glifosato	---	---	µg/L	0,1	---	---	---	---	
	Diurão	---	---	µg/L	0,1	---	---	---	---	
	Linurão	---	---	µg/L	0,1	---	---	---	---	
	Terbutilazina	---	---	µg/L	0,1	---	---	---	---	
	Desetilterbutilazina	---	---	µg/L	0,1	---	---	---	---	
	Tebucozanol	---	---	µg/L	0,1	---	---	---	---	
	Alacloro	---	---	µg/L	0,1	---	---	---	---	
	Bentazona	---	---	µg/ L	0,1	---	---	---	---	
Clorpirifos	---	---	µg/ L	0,1	---	---	---	---		
Dimetoato	---	---	µg/L	0,1	---	---	---	---		
Ormeatoato	---	---	µg/L	0,1	---	---	---	---		
Imidaclopride	---	---	µg/ L	0,1	---	---	---	---		
Isoproturão	---	---	µg/L	0,1	---	---	---	---		
MCPA	---	---	µg/ L	0,1	---	---	---	---		
Metalaxil / Metalixil-M	---	---	µg/L	0,1	---	---	---	---		
Metalacloro / S-Metalacloro	---	---	µg/ L	0,1	---	---	---	---		
Oxamil	---	---	µg/L	0,1	---	---	---	---		
Simazina	---	---	µg/ L	0,1	---	---	---	---		
Dimetilsimazina	---	---	µg/L	0,1	---	---	---	---		
Selénio	---	---	µg/L Se	10	---	---	---	---		
Sódio	---	---	mg/ L Na	200	---	---	---	---		
Tetracloroetano	---	---	µg/L	10	---	---	---	---		
Tricloroetano	---	---	µg/L	---	---	---	---	---		
Sulfatos	---	---	mg/ L SO4	250	---	---	---	---		
Trihalometanos Total	---	---	µg/L	100	---	---	---	---		
Bromodiorometano	---	---	µg/ L	---	---	---	---	---		
Bromofórmio	---	---	µg/L	---	---	---	---	---		
Clorofórmio	---	---	µg/ L	---	---	---	---	---		
Dibromodiorometano	---	---	µg/L	---	---	---	---	---		
TOTAL		26								

Legenda

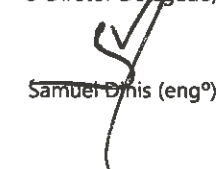
- > Valor superior ao Limite de Quantificação
- < Valor inferior ao Limite de Quantificação
- Abc Valor superior ao limite permitido por lei (valor paramétrico)
- Abc Valor superior / inferior ao recomendado por lei (parâmetros indicadores)

Metodologia de averiguação de causas relativas a incumprimentos:	Causas relativas a incumprimentos:	Medidas corretivas implementadas:
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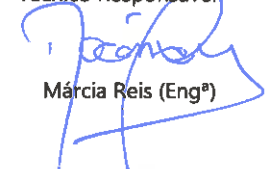
O Presidente do Conselho de Administração,


Henrique Bertino Batista Antunes

O Diretor Delegado,


Samuel Denis (engº)

Técnico Responsável


Márcia Reis (Engº)