

1º Trimestre

Zona Abastecimento:				ZA3_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	Bactérias coliformes	3	100	UFC/100mL	0	---	0	0	100
	Cloro residual livre	3	100	mg/l Cl ₂	---	≥ 0,2 e ≤ 0,6	0,4	<0,16	100
	E. coli	3	100	N/100 mL	0	---	0	0	100
	Alumínio	1	100	µg/l Al	200	---	9,0	9,0	100
	Amónio	1	100	mg/ L NH ₄	0,5	---	<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	---	513	513	100
	Carbono orgânico total (COT)	1	100	mg/L PtCo	20	SAA	0,51	0,51	100
	Cor	1	100	N/100 mL	0	---	<3,0	<3,0	100
CR2	Enterococos	1	100	µg/l Fe	200	---	0	0	100
	Ferro	1	100	µg/l Mn	50	---	<60	<60	100
	Manganês	1	100	mg/l NO ₃	50	---	0,88	0,88	100
	Nitratos	1	100	mg/L NO ₂	0,1	---	26,2	26,2	100
	Nitritos	1	100	UFC/ mL	SAA	---	<0,10	<0,10	100
	Número total de GERMES a 22°C	1	100	UFC/mL	SAA	100	38	38	100
	Número total de GERMES a 37°C	1	100	UFC/mL	SAA	20	10	10	100
	Oxidabilidade	1	100	mg/L O ₂	5	---	<1,0	<1,0	100
	pH	1	100	Unidades de pH	≥ 6,5 e ≤ 9,5	---	7,4	7,4	100
	Sabor	1	100	Factor de diluição	3	---	<1	<1	100
	Turvação	1	100	NTU	≤ 1	---	<1,0	<1,0	100
	Trihalometanos Total	1	100	µg/L	100	---	35,6	35,6	100
	Bromofórmio	1	100	µg/L	100	---	8,99	8,99	100
	Cloroformio	1	100	µg/L	100	---	11,4	11,4	100
	Bromodiclorometano	1	100	µg/L	100	---	6,4	6,4	100
	Dibromodlorometano	1	100	µg/L	100	---	8,81	8,81	100
	1,2-dicloroetano	0	0	µg/L	3	---	---	---	---
	Alfa total	0	0	µg/L	0,1 Bq/L	---	---	---	---
	Acetilamida	0	0	µg/L	0,1	---	---	---	---
	Antimónio	0	0	µg/L Sb	5	---	---	---	---
	Arsénio	0	0	µg/L As	10	---	---	---	---
	Benzeno	0	0	µg/L	1	---	---	---	---
	Benzo(a)pireno	0	0	µg/l	0,01	---	---	---	---
	Beta total	0	0	Bq/L	1 Bq/L	---	---	---	---
	Boro	0	0	mg/L B	1	---	---	---	---
	Bromatos	0	0	µg/l BrO ₃	10	---	---	---	---
	Cádmio	0	0	µg/L Cd	5	---	---	---	---
	Cálcio	0	0	mg/L Ca	---	<100	---	---	---
	Chumbo	0	0	µg/L Pb	10	---	---	---	---
	Cianetos	0	0	µg/L CN	50	---	---	---	---
CI	Cloratos	0	0	mg/L ClO ₃	0,7	---	---	---	---
	Cloretos	0	0	mg/L Cl	250	---	---	---	---
	Cloritos	0	0	mg/ L ClO ₂	0,7	---	---	---	---
	Cobre	0	0	mg/L Cu	2,0	---	---	---	---
	Crómio	0	0	mg/L Cr	50	---	---	---	---
	Dose Indicativa total	0	0	mSv/ano	0,1 mSv/ano	---	---	---	---
	Dureza total	0	0	mg/L CaCO ₃	---	≥ 150 e ≤ 500	---	---	---
	Fluoretos	0	0	mg/L F	1,5	---	---	---	---
	Hidrocarbonetos Aromáticos Policíclicos (HAP)	0	0	µg/L	0,1	---	---	---	---
	Benzo(b)fluoranteno	0	0	µg/L	0,1	---	---	---	---
	Benzo(k)fluoranteno	0	0	µg/L	0,1	---	---	---	---
	Benzo(g,h,i)perileno	0	0	µg/L	0,1	---	---	---	---
	Indeno(1,2,3-cd)pireno	0	0	µg/L	0,1	---	---	---	---
	Magnésio	0	0	mg/L Mg	---	≤ 50	---	---	---
	Mercurio	0	0	µg/L Hg	1	---	---	---	---
	Níquel	0	0	µg/L Ni	20	---	---	---	---
	Radão	0	0	Bq/L	500 Bq/L	---	---	---	---
	Pesticidas totais	0	0	µg/L	0,5	---	---	---	---
	Alacloro	0	0	ng/ L	---	---	---	---	---
	Bentazona	0	0	µg/ L	---	---	---	---	---
	Clorpirifos	0	0	µg/ L	---	---	---	---	---
	Dimetoato	0	0	ng/ L	---	---	---	---	---
	Omeotoato	0	0	ug/L	---	---	---	---	---
	Diurão	0	0	µg/L	0,1	---	---	---	---
	Imidaclopride	0	0	µg/L	0,1	---	---	---	---
	Isoproturão	0	0	ng/L	0,1	---	---	---	---
	Linurão	0	0	µg/L	---	---	---	---	---
	MCPA	0	0	µg/L	0,1	---	---	---	---
	Metalaxil / Metalixil-M	0	0	µg/ L	0,1	---	---	---	---
	Metaclopro / S-Metaclopro	0	0	µg/l	0,1	---	---	---	---
	Oxamil	0	0	µg/ L	0,1	---	---	---	---
	Simazina	0	0	ug/ L	0,1	---	---	---	---
	Dimetilsimazina	0	0	µg/l	0,1	---	---	---	---
	Terbutilazina	0	0	µg/L	0,1	---	---	---	---
	Desetilerbutilazina	0	0	µg/L	0,1	---	---	---	---
	Selénio	0	0	µg/L Se	10	---	---	---	---
	Sódio	0	0	mg/L Na	200	---	---	---	---
	Sulfatos	0	0	mg/L SO ₄	250	---	---	---	---
	Tetracloreteno	0	0	µg/L	10	---	---	---	---
	Tricloroeteno	0	0	µg/L	10	---	---	---	---
TOTAL		32							

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:

O Presidente do Conselho de Administração,

O Diretor Delegado,

Henrique Bertino Batista Antunes

Samuel Dinis (engº)

Técnico Responsável

Márcia Reis (engª)