

Analytical Results

Sub-Matrix: Water					Client sample ID	FRONT TAP RETAIL	BACK TAP RETAIL	BOTTLE FACTORY	TANK FACTORY	----
(Matrix: Water)										
Client sampling date / time					18-Feb-2022 08:45	18-Feb-2022 08:55	18-Feb-2022 09:15	18-Feb-2022 09:20	----	
Analyte	CAS Number	Method	LOR	Unit	EO2201082-001 Result	EO2201082-002 Result	EO2201082-003 Result	EO2201082-004 Result	-----	----
Physical Tests										
alkalinity, bicarbonate (as HCO ₃)	71-52-3	E290	1.0	mg/L	3.0 ^{RRV}	1.8 ^{RRV}	3.9 ^{RRV}	3.8 ^{RRV}	----	----
alkalinity, carbonate (as CO ₃)	3812-32-6	E290	1.0	mg/L	<1.0 ^{RRV}	<1.0 ^{RRV}	<1.0 ^{RRV}	<1.0 ^{RRV}	----	----
alkalinity, hydroxide (as OH)	14280-30-9	E290	1.0	mg/L	<1.0 ^{RRV}	<1.0 ^{RRV}	<1.0 ^{RRV}	<1.0 ^{RRV}	----	----
alkalinity, total (as CaCO ₃)	----	E290	1.0	mg/L	2.5 ^{RRV}	1.5 ^{RRV}	3.2 ^{RRV}	3.1 ^{RRV}	----	----
conductivity	----	E100	1.0	µS/cm	2.6 ^{RRV}	2.9 ^{RRV}	5.4 ^{RRV}	5.5 ^{RRV}	----	----
pH	----	E108	0.10	pH units	5.88 ^{RRV}	5.68 ^{RRV}	6.22 ^{RRV}	6.15 ^{RRV}	----	----
solids, total dissolved [TDS], calculated	----	EC103	1.0	mg/L	2.1	1.5	3.7	3.6	----	----
Anions and Nutrients										
chloride	16887-00-6	E235.Cl	0.50	mg/L	<0.50	<0.50	<0.50	<0.50	----	----
fluoride	16984-48-8	E235.F	0.020	mg/L	<0.020	<0.020	<0.020	<0.020	----	----
nitrate (as N)	14797-55-8	E235.NO3	0.020	mg/L	<0.020	<0.020	<0.020	<0.020	----	----
nitrate + nitrite (as N)	----	EC235.N+N	0.0032	mg/L	<0.0224	<0.0224	<0.0224	<0.0224	----	----
nitrite (as N)	14797-65-0	E235.NO2	0.010	mg/L	<0.010	<0.010	<0.010	<0.010	----	----
sulfate (as SO ₄)	14808-79-8	E235.SO4	0.30	mg/L	<0.30	<0.30	<0.30	<0.30	----	----
Microbiological Tests										
coliforms, thermotolerant [fecal]	----	E012.FC	1	CFU/100mL	<1	<1	<1	<1	----	----
coliforms, total	----	E010	1	MPN/100mL	<1	<1	<1	<1	----	----
coliforms, Escherichia coli [E. coli]	----	E010	1	MPN/100mL	<1	<1	<1	<1	----	----
Ion Balance										
anion sum	----	EC101	0.10	meq/L	<0.10	<0.10	<0.10	<0.10	----	----
cation sum	----	EC101	0.10	meq/L	<0.10	<0.10	<0.10	<0.10	----	----
ion balance (cation-anion difference)	----	EC101	0.010	%	<0.010	<0.010	<0.010	<0.010	----	----
ion balance (cations/anions ratio)	----	EC101	0.010	%	100	100	100	100	----	----
Dissolved Metals										
calcium, dissolved	7440-70-2	E421	0.050	mg/L	<0.050	<0.050	<0.050	<0.050	----	----
magnesium, dissolved	7439-95-4	E421	0.0050	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	----	----
potassium, dissolved	7440-09-7	E421	0.050	mg/L	<0.050	<0.050	<0.050	<0.050	----	----
sodium, dissolved	7440-23-5	E421	0.050	mg/L	0.569	0.634	1.51	1.48	----	----
dissolved metals filtration location	----	EP421	-	-	Laboratory	Laboratory	Laboratory	Laboratory	----	----