

Bottled Water Comparison

Date				6-Sep-05	6-Sep-05	'05 & '06	'05 & '06	5-Jan-06	5-Jan-06	5-Jan-06	17-Jan-06
Name			Fort Collins Tap Water	Aqua Fina	Dasani	Fiji	Glacier Bay	Big K Water	Biota	Deep Rock	Ethos
Price per Gallon , \$			0.015	5.64	4.88	6.78	5.64	2.61	6.78	3.37	9.73
Parameter	Units	MCL									
Free Chlorine	mg/L	4	0.35	0.01	0.08	0.02	0.02	0.03	0.03	0.03	0.03
T Coli	cfu	<1	0	0	0	0	0	0	0	0	0
E Coli	cfu	<1	0	0	0	0	0	0	0	0	0
Heterotrophic Plate Count	cfu	-	0	0	0	1330	0	1	0	0	0
Alkalinity as CaCO ₃	mg/L	-	36.6	12.7	2.6	114	5.6	5.2	63.5	130	5.6
Ammonia	mg/L	-	<0.02	<0.02	<0.02	<0.02	0.12	<0.02	0.03	0.08	<0.02
Calcium Hardness as CaCO ₃	mg/L	-	42.5	<2.0	2.4	51	<2.0	<2.0	134	11.6	5.2
Total Harness as CaCO ₃	mg/L	-	49.1	12	11.2	96	<2.0	<2.0	220	9.5	6.4
Chlorate	mg/L	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloride	mg/L	(250)	2.5	<2.0	4.1	10	1.2	<2.0	<2.0	3.6	<2.0
Chlorite	mg/L	1.0	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Conductivity	µmhos/cm	-	113	6.19	48.1	263	29	8.2	312	311	20.7
Fluoride	mg/L	(2) 4.0	0.96	<0.15	<0.15	0.23	<0.15	<0.15	0.49	1.41	<0.15
Nitrate	mg/L	10	<0.2	<0.2	<0.2	0.27	<0.2	<0.2	0.36	<0.2	<0.2
Nitrite	mg/L	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
pH	Units	6.5 - 8.5	7.94	10.25	5.61	8.01	9.69	7.13	8.03	8.54	6.00
Phosphorus, total	mg/L	-	<0.01	<0.01	<0.01	0.19	<0.01	<0.01	0.01	0.01	<0.01
Sulfate	mg/L	(250)	12.6	<2.0	11.7	<2.0	<2.0	<2.0	88.5	21.0	2.2
Total Dissolved Solids	mg/L	(500)	73	6	28	219	16	18	212	192	4
Turbidity	NTU	-	0.12	2.91	1.01	0.04	0.05	0.04	0.04	0.07	0.04
Aluminum	µg/L	(50 - 200)	62.9	9.8	<5.0	<5.0	<5.0	<5.0	17.6	25.6	5.7
Antimony	µg/L	6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Arsenic	µg/L	10	<2.0	<2.0	<2.0	2.4	<2.0	<2.0	<2.0	<2.0	<2.0
Barium	µg/L	2000	18	<3.0	<3.0	<3.0	<3.0	<3.0	60.1	20.3	3.7
Beryllium	µg/L	4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	µg/L	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Chromium	µg/L	100	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5
Copper	µg/L	[1300](1000)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	3.5	<3.0	<3.0
Iron	µg/L	(300)	18	11.2	3.4	7.3	2.6	1.1	14.5	11.8	11.5
Lead	µg/L	[15]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Magnesium	mg/L	-	2.1	<0.2	3.0	14.5	<0.2	<0.2	2.8	0.3	0.9
Manganese	µg/L	(50)	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	2.6
Nickel	µg/L	-	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Selenium	µg/L	50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Sodium	mg/L	(20)	2.6	<0.4	1.1	17.1	2.3	1.2	2.9	65.4	0.7
Thallium	µg/L	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Zinc	µg/L	(5000)	<100	<100	<100	<100	<100	<100	<100	<100	<100
Total Trihalomethane	µg/L	100	16.6	0.6	4.6	<0.4	3.8	<0.4	<0.4	<0.4	na
Total Organic Carbon	mg/L	-	1.6	<0.4	<0.4	<0.4	<0.4	<0.4	0.7	<0.4	<0.4