



Bottled at the Source
Benton Plant

Spring Water
Finished Product
Analysis Report 2011

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	SPRING FINISHED PRODUCT (Produced from CG Roxane Spring Source)
Primary Inorganics			
Antimony	0.006	0.001	ND
Arsenic	0.01	0.002	ND
Asbestos	7 MFL	0.16	ND
Barium	2	0.01	0.056
Beryllium	0.004	0.001	ND
Cadmium	0.005	0.001	ND
Chromium	0.1	0.005	ND
Cyanide	0.2	0.01	ND
Fluoride	4	0.05	0.089
Lead	0.015	0.001	ND
Mercury	0.002	0.0002	ND
Nickel	0.1	0.005	ND
Nitrogen, Nitrate	10	0.05	0.88
Nitrogen, Nitrite	1.0	0.05	ND
Nitrogen - NO3/NO2 (NOX)	10	0.05	0.88
Selenium	0.05	0.001	ND
Thallium	0.002	0.001	ND
Secondary Inorganics			
Alkalinity	--	5	105
Aluminum	0.2	0.1	ND
Bicarbonate	--	5	105
Boron	--	0.05	ND
Bromide	--	0.1	ND
Calcium	--	0.5	37.9
Carbonate	--	5	ND
Chloride	250	0.5	2.9
Copper	1	0.005	ND
Corrosivity	--	--	-0.92
Foaming Agents	0.5	0.2	ND
Hardness, Calcium (as CaCO3)	--	1.2	94.7
Hardness, Total (as CaCO3)	--	3.3	112
Hydroxide	--	5	ND
Iron	0.3	0.04	ND
Magnesium	--	0.5	4.3
Manganese	0.05	0.005	ND
Orthophosphate	--	0.1	0.1
pH	6.5-8.5	0.1	6.8
Phenol	0.001	0.001	ND
Potassium	--	1	1.1
Silver	0.1	0.005	ND
Sodium	--	1	2.9
Specific Conductance	--	1	211
Sulfate	250	1	3.6
TDS	500	5	133
Zinc	5	0.02	ND

MCL – “Maximum Contaminant Level (MCL)” – The highest level of a contaminant that is allowed in drinking water, established by the U.S. Environmental Protection Agency (EPA) or the California Department of Public Health.

RL – Indicates Laboratory Reporting Limit for analytical method.

ND – Indicates non detected.

* This amount is in milligrams per liter (mg/L). An 8 fl. oz. serving contains less than 5 mg (<5 mg) of sodium, and as labeled as 0 mg per serving, according to the US Food and Drug Administration. This meets the definition of a Sodium-Free food.



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Physical			
Color	15 CU	5	ND
Odor	3 TON	1	ND
Turbidity	1-5 NTU	0.2	ND
Microbiological			
Total Coliform	Absence	Absence	ND
Standard Plate Count	-- cfu/mL	1	ND
E. coli	Absence	Absence	ND
Radiologicals			
Gross Alpha	15 pCi/L	2.31	All radiological results are in full compliance with all FDA and EPA standards for bottled and drinking water
Gross Beta	50 pCi/L	1.87	
Radium 226/228	5 pCi/L	0.880 / 0.898	
Uranium	30 ug/L	0.210	
Volatile Organic Compounds			
EPA 524.2:			
Total Trihalomethanes	0.080	0.0005	ND
Benzene	0.001	0.0005	ND
Bromobenzene	--	0.0005	ND
Bromochloromethane	--	0.0005	ND
Bromodichloromethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Bromomethane	--	0.0005	ND
n-Butylbenzene	--	0.0005	ND
sec-Butylbenzene	--	0.0005	ND
tert-Butylbenzene	--	0.0005	ND
Carbon tetrachloride	0.005	0.0005	ND
Chlorobenzene	0.1	0.0005	ND
Chloroethane	--	0.0005	ND
Chloroform	--	0.0005	ND
Chloromethane	--	0.0005	ND
2-Chlorotoluene	--	0.0005	ND
4-Chlorotoluene	--	0.0005	ND
Dibromochloromethane	--	0.0005	ND
Dibromomethane	--	0.0005	ND
1,2-Dichlorobenzene	0.6	0.0005	ND
1,3-Dichlorobenzene	--	0.0005	ND
1,4-Dichlorobenzene	0.075	0.0005	ND
Dichlorodifluoromethane	--	0.0005	ND
1,1-Dichloroethane	--	0.0005	ND
1,2-Dichloroethane	0.005	0.0005	ND
1,1-Dichloroethene	0.007	0.0005	ND
cis-1,2-Dichloroethene	0.07	0.0005	ND
trans-1,2-Dichloroethene	0.1	0.0005	ND
1,2-Dichloropropane	0.005	0.0005	ND
1,3-Dichloropropane	--	0.0005	ND
2,2-Dichloropropane	--	0.0005	ND
1,1-Dichloropropene	--	0.0005	ND
cis-1,3-Dichloropropene	--	0.0005	ND
trans-1,3-Dichloropropene	--	0.0005	ND
Ethylbenzene	0.7	0.0005	ND
Hexachlorobutadiene	--	0.0005	ND
Isopropylbenzene	--	0.0005	ND

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EPA 524.2 continued:			
4-Isopropyltoluene	--	0.0005	ND
Methyl tert-Butyl Ether	--	0.0005	ND
Methyl Ethyl Ketone	--	0.020	ND
Methylene Chloride	0.005	0.0005	ND
Naphthalene	--	0.0005	ND
n-Propylbenzene	--	0.0005	ND
Styrene	0.1	0.0005	ND
1,1,1,2-Tetrachloroethane	--	0.0005	ND
1,1,2,2-Tetrachloroethane	--	0.0005	ND
Tetrachloroethene	0.005	0.0005	ND
Toluene	1	0.0005	ND
1,2,3-Trichlorobenzene	--	0.0005	ND
1,2,4-Trichlorobenzene	0.07	0.0005	ND
1,1,1-Trichloroethane	0.2	0.0005	ND
1,1,2-Trichloroethane	0.005	0.0005	ND
Trichloroethene	0.005	0.0005	ND
Trichlorofluoromethane	--	0.0005	ND
Trichlorotrifluoroethane	--	0.0005	ND
1,2,3-Trichloropropane	--	0.0005	ND
1,2,3-Trimethylbenzene	--	0.0005	ND
1,2,4-Trimethylbenzene	--	0.0005	ND
1,3,5-Trimethylbenzene	--	0.0005	ND
Vinyl chloride	0.002	0.0005	ND
meta-Xylene \	--	0.0005	ND
ortho-Xylene - (total xylenes)	10	0.0005	ND
para-Xylene /	--	0.0005	ND
Add'l Organics			
EPA 504.1:			
Ethylene Dibromide	0.00002	0.00001	ND
Dibromochloropropane	0.0002	0.00002	ND
EPA 508.1:			
Alachlor	0.002	0.00020	ND
Atrazine	0.003	0.00010	ND
Butachlor	--	0.00010	ND
Chlordane (alpha and gamma)	0.002	0.00020	ND
Endrin	0.002	0.000010	ND
Heptachlor	0.0004	0.000040	ND
Heptachlor epoxide	0.0002	0.000020	ND
Hexachlorobenzene	0.001	0.00010	ND
Hexachlorocyclopentadiene	0.05	0.00010	ND
Lindane	0.0002	0.000020	ND
Methoxychlor	0.04	0.00010	ND
Metolachlor	--	0.00010	ND
Metribuzin	--	0.00010	ND
Total PCBs	0.0005	0.00010	ND
PCB 1016	--	0.00010	ND
PCB 1221	--	0.00010	ND
PCB 1232	--	0.00010	ND
PCB 1242	--	0.00010	ND
PCB 1248	--	0.00010	ND
PCB 1254	--	0.00010	ND
PCB 1260	--	0.00010	ND
Simazine	0.004	0.000071	ND
Toxaphene	0.003	0.0010	ND

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EPA 515.3:			
Bentazon	0.02	0.0002	ND
2,4-D	0.07	0.0001	ND
Dalapon	0.2	0.001	ND
Dicamba	--	0.0001	ND
Dinoseb	0.007	0.0002	ND
Pentachlorophenol	0.001	0.00004	ND
Picloram	0.5	0.0001	ND
2,4,5-TP (Silvex)	0.05	0.0002	ND
EPA 525.2:			
Aldrin	--	0.0001	ND
Benzo(a)pyrene	0.0002	0.0001	ND
2-Chlorobiphenyl	--	0.0001	ND
Dieldrin	--	0.00013	ND
Di(2-ethylhexyl)adipate	0.4	0.0016	ND
Di(2-ethylhexyl)phthalate	0.006	0.002	ND
Dimethyl phthalate	--	0.0016	ND
Fluorene	--	0.0002	ND
Indeno(1,2,3-cd)pyrene	--	0.0002	ND
Molinate	--	0.002	ND
trans-Nonachlor	--	0.0002	ND
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	--	0.0001	ND
2,2',3',4,6-Pentachlorobiphenyl	--	0.0001	ND
Phenanthrene	--	0.0002	ND
Propachlor	--	0.0002	ND
Pyrene	--	0.0002	ND
2,2',4,4'-Tetrachlorobiphenyl	--	0.0001	ND
Thiobencarb	--	0.002	ND
EPA 531.1:			
Aldicarb (TEMIK)	0.007	0.002	ND
Aldicarb sulfone	0.007	0.002	ND
Aldicarb sulfoxide	0.007	0.002	ND
Carbaryl	--	0.002	ND
Carbofuran	0.04	0.002	ND
3-Hydroxycarbofuran	--	0.002	ND
Methiocarb	--	0.002	ND
Methomyl	--	0.002	ND
Oxamyl (VYDATE)	0.2	0.002	ND
EPA 547:			
Glyphosate	0.7	0.006	ND
EPA 548.1:			
Endothall	0.1	0.009	ND
EPA 549.2:			
Diquat	0.02	0.0004	ND
Paraquat	--	0.0004	ND
EPA 1613:			
2,3,7,8-TCDD (DIOXIN)	3x10-8	5.0x10-9	ND

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Disinfection Byproducts			
EPA 300.1:			
Bromate	0.010	0.0050	ND
Chlorite	1.0	0.005	ND
EPA 552.1:			
Dibromoacetic acid	--	0.001	ND
Dichloroacetic acid	--	0.001	ND
Monobromoacetic acid	--	0.001	ND
Monochloroacetic acid	--	0.001	ND
Trichloroacetic acid	--	0.001	ND
Haloacetic Acids, Total	0.060	0.001	ND
EPA 524.2:			
Total Trihalomethanes	0.080	0.0005	ND
Bromodichloromethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Chloroform	--	0.0005	ND
Dibromochloromethane	--	0.0005	ND
Residual Disinfectants			
SM4500-CL D:			
Residual Chlorine, Total	4.0	0.1	ND
Chloramines	4.0	0.1	ND
SM4500-ClO2-D:			
Chlorine Dioxide	0.8	0.1	ND
Miscellaneous			
EPA 314.0:			
Perchlorate	--	0.001	ND

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