Date: 04-20-2015
Source Description: Natural Spring Water
Test Type: Annual Collection
Test Criteria: USFDA CFR Title 21 Part 165.110

Eternal
Naturally Alkaline
Spring Water

Testing Parameter	Detection Limit	Result	FDA SOQ	Units	P / F
Physical Quality					
Alkalinity as CaCO3	5	83		mg/LCaCO3	
Color	5	ND	15	Color Unit	Pass
Specific Conductance	0.1	180		umhos/cm	
Corrosivity	0	0-.57			
Hardness, Total	2	85		mg/LCaCO3	
Odor, Threshold	1	0	3	TON	Pass
Solids Total Dissolved	5	100 - 110	500	mg/L	Pass
Turbidity	0.1	0.1	5	NTU	Pass
pH	0.01	7.8 - 8.2			
Temperature	0	20		deg. C	
Bicarbonate	5	ND		mg/L HCO3	
Disinfection Residuals/Disinfection By-Products					
Bromate	5	9	10	ug/L	Pass
Chloramine, Total	0.05	ND	4	mg/L	Pass
Dichloramine	0.05	ND		mg/L	
Monochloramine	0.05	ND		mg/L	
Nitrogen trichloride	0.05	ND		mg/L	
Chlorite	10	ND	1000	ug/L	Pass
Chlorine Dioxide	0.1	ND	0.8	mg/L	Pass
Bromochloroacetic Acid	1	ND		ug/L	
Dibromoacetic Acid	1	ND		ug/L	
Dichloroacetic Acid	1	ND		ug/L	
Monobromoacetic Acid	1	ND		ug/L	
Monochloroacetic Acid	2	ND		ug/L	
Total Haloacetic Acid	1	ND	60	ug/L	Pass
Trichloroacetic Acid	1	ND		ug/L	
Chlorine, Total Residual	0.05	ND	4	mg/L	Pass
Radiologicals					
P1 Gross Alpha	3	ND	15	pCi/L	Pass
P1 Gross Beta	4	ND	50	pCi/L	Pass
Radium 226 by SM705 (modified)	1	ND		pCi/L	
Radium 228 by Ra-05	1	ND		pCi/L	
Total Radium	1	ND	5	pCi/L	Pass
Uranium	0.001	ND	0.03	mg/L	Pass
Inorganic Chemicals					
Aluminum	0.01	ND	0.2	mg/L	Pass
Antimony	0.0005	ND	0.006	mg/L	Pass
Arsenic	0.002	ND	0.01	mg/L	Pass

Testing Parameter	Detection Limit	Result	FDA SOQ	Units	P / F
Inorganic Chemicals					
* Asbestos in Water (Ref: EPA 600/4-83/043,100.1)					
Amphibole Fibers	0.2	ND		MFL	
Chrysotile Fibers	0.2	ND		MFL	
Single Fiber Detection Limit	0.2	ND		MFL	
Barium	0.001	0.057	2	mg/L	Pass
Beryllium	0.0005	ND	0.004	mg/L	Pass
Bromide	10	ND		ug/L	
Cadmium	0.0002	ND	0.005	mg/L	Pass
Calcium	0.2	25-29		mg/L	
Chloride	2	ND	250	mg/L	Pass
Chromium (includes Hexavalent Chromium)	0.001	ND	0.1	mg/L	Pass
Copper	0.001	ND	1	mg/L	Pass
Cyanide, Total	0.01	ND	0.2	mg/L	Pass
Fluoride	0.1	ND	2.4	mg/L	Pass
Iron	0.02	ND	0.3	mg/L	Pass
Lead	0.001	ND	0.005	mg/L	Pass
Magnesium	0.02	6 - 8		mg/L	
Manganese	0.001	ND	0.05	mg/L	Pass
Mercury	0.0002	ND	0.002	mg/L	Pass
Nickel	0.001	ND	0.1	mg/L	Pass
Nitrogen, Nitrate	0.05	0.26	10	mg/L N	Pass
Nitrogen, Nitrite	0.025	ND	1	mg/L N	Pass
Total Nitrate + Nitrite-Nitrogen	0.02	0.26	10	mg/L	Pass
Potassium	0.5	8 - 10		mg/L	
Selenium	0.002	ND	0.05	mg/L	Pass
Silver	0.002	0.050	0.1	mg/L	Pass
Sodium	0.5	ND		mg/L	
Sulfur, Sulfate	0.5	6.2	250	mg/L	Pass
Surfactants (MBAS)	0.2	ND		mg/L	
Thallium	0.0002	ND	0.002	mg/L	Pass
Phenolics	0.001	ND	0.001	mg/L	Pass
Zinc	0.01	ND	5	mg/L	Pass
Organic Chemicals					
Diquat (Ref: EPA 549.2)					
Diquat	0.4	ND	20	ug/L	Pass
Endothall (Ref. EPA 548.1) - (ug/L)					
Endothall	9	ND	100	ug/L	Pass
Glyphosate (Ref: EPA 547)					
Glyphosate	6	ND	700	ug/L	Pass
Perchlorate (Ref: EPA 314.0)					
Perchlorate	1	ND		ug/L	
2,3,7,8-TCDD (Ref: EPA 1613B)					
2,3,7,8-Tetrachlorodibenzo-p-dioxin	10	ND	30	pg/L	Pass
Carbamate Pesticides (Ref: 531.2)					
3-Hydroxycarbofuran	1	ND		ug/L	
Aldicarb	1	ND		ug/L	
Aldicarb sulfone	1	ND		ug/L	

Testing Parameter	Detection Limit	Result	FDA SOQ	Units	P / F
Organic Chemicals					
Aldicarb sulfoxide	1	ND		ug/L	
Carbaryl	1	ND		ug/L	
Carbofuran	1	ND	40	ug/L	Pass
Methomyl	1	ND		ug/L	
Oxamyl	1	ND	200	ug/L	Pass
Herbicides (Ref: EPA 515.3)					
2,4,5-TP	0.2	ND	50	ug/L	Pass
2,4-D	0.1	ND	70	ug/L	Pass
Bentazon	0.2	ND		ug/L	
Dalapon	1	ND	200	ug/L	Pass
DCPA Acid Metabolites	0.2	ND		ug/L	
Dicamba	0.1	ND		ug/L	
Dinoseb	0.2	ND	7	ug/L	Pass
Pentachlorophenol	0.04	ND	1	ug/L	Pass
Picloram	0.1	ND	500	ug/L	Pass
Multicomponent Pesticides and PCBs (Ref: EPA 505)					
Chlordane	0.2	ND	2	ug/L	Pass
PCB 1016	0.3	ND	0.5	ug/L	Pass
PCB 1221	0.4	ND	0.5	ug/L	Pass
PCB 1232	0.4	ND	0.5	ug/L	Pass
PCB 1242	0.3	ND	0.5	ug/L	Pass
PCB 1248	0.2	ND	0.5	ug/L	Pass
PCB 1254	0.2	ND	0.5	ug/L	Pass
PCB 1260	0.3	ND	0.5	ug/L	Pass
Total PCBs	0.4	ND	0.5	ug/L	Pass
Toxaphene	1	ND	3	ug/L	Pass
Semivolatile Organic Compounds (Ref: EPA 525.2)					
2,4 Dinitrotoluene	0.5	ND		ug/L	
2,6-Dinitrotoluene	0.5	ND		ug/L	
Alachlor	0.1	ND	2	ug/L	Pass
Aldrin	0.1	ND		ug/L	
Atrazine	0.2	ND	3	ug/L	Pass
Benzo(a)Pyrene	0.1	ND	0.2	ug/L	Pass
bis(2-Ethylhexyl)adipate	2	ND	400	ug/L	Pass
bis(2-Ethylhexyl)phthalate (DEHP)	2	ND	6	ug/L	Pass
Butachlor	0.2	ND		ug/L	
Butylbenzylphthalate	2	ND		ug/L	
Di-n-butylphthalate	2	ND		ug/L	
Dieldrin	0.5	ND		ug/L	
Diethylphthalate	2	ND		ug/L	
Dimethylphthalate	2	ND		ug/L	
Endrin	0.1	ND	2	ug/L	Pass
EPTC	0.5	ND		ug/L	
Heptachlor	0.1	ND	0.4	ug/L	Pass
Heptachlor Epoxide	0.1	ND	0.2	ug/L	Pass
Hexachlorobenzene	0.1	ND	1	ug/L	Pass

Testing Parameter	Detection Limit	Result	FDA SOQ	Units	P / F
Organic Chemicals					
Hexachlorocyclopentadiene	0.1	ND	50	ug/L	Pass
Lindane	0.1	ND	0.2	ug/L	Pass
Methoxychlor	0.1	ND	40	ug/L	Pass
Metolachlor	0.1	ND		ug/L	
Metribuzin	0.1	ND		ug/L	
Molinate	0.1	ND		ug/L	
p,p'-DDE (4,4'-DDE)	0.5	ND		ug/L	
Propachlor	0.1	ND		ug/L	
Simazine	0.2	ND	4	ug/L	Pass
Terbacil	0.5	ND		ug/L	
Volatiles: EDB and DBCP (Ref: EPA 504.1)					
1,2-Dibromo-3-Chloropropane (DBCP)	0.01	ND	0.2	ug/L	Pass
Ethylene Dibromide (EDB)	0.01	ND	0.05	ug/L	Pass
Volatiles: Regulated and Monitoring VOC's (Ref: EPA 524.2)					
1,1,1,2-Tetrachloroethane	0.5	ND		ug/L	
1,1,1-Trichloroethane	0.5	ND	200	ug/L	Pass
1,1,2,2-Tetrachloroethane	0.5	ND		ug/L	
1,1,2-Trichloroethane	0.5	ND	5	ug/L	Pass
1,1-Dichloroethane	0.5	ND		ug/L	
1,1-Dichloroethylene	0.5	ND	7	ug/L	Pass
1,1-Dichloropropene	0.5	ND		ug/L	
1,2,3-Trichlorobenzene	0.5	ND		ug/L	
1,2,3-Trichloropropane	0.5	ND		ug/L	
1,2,3-Trimethylbenzene	0.5	ND		ug/L	
1,2,4-Trichlorobenzene	0.5	ND	70	ug/L	Pass
1,2,4-Trimethylbenzene	0.5	ND		ug/L	
1,2-Dichlorobenzene	0.5	ND	600	ug/L	Pass
1,2-Dichloroethane	0.5	ND	5	ug/L	Pass
1,2-Dichloropropane	0.5	ND	5	ug/L	Pass
1,3,5-Trimethylbenzene	0.5	ND		ug/L	
1,3-Dichlorobenzene	0.5	ND		ug/L	
1,3-Dichloropropane	0.5	ND		ug/L	
1,4-Dichlorobenzene	0.5	ND	75	ug/L	Pass
2,2-Dichloropropane	0.5	ND		ug/L	
2-Chlorotoluene	0.5	ND		ug/L	
4-Chlorotoluene	0.5	ND		ug/L	
Benzene	0.5	ND	5	ug/L	Pass
Bromobenzene	0.5	ND		ug/L	
Bromochloromethane	0.5	ND		ug/L	
Bromodichloromethane	0.5	ND		ug/L	
Bromoform	0.5	ND		ug/L	
Bromomethane	0.5	ND		ug/L	
Carbon Tetrachloride	0.5	ND	5	ug/L	Pass
Chlorobenzene	0.5	ND	100	ug/L	Pass
Chlorodibromomethane	0.5	ND		ug/L	
Chloroethane	0.5	ND		ug/L	

Testing Parameter	Detection Limit	Result	FDA SOQ	Units	P / F
Organic Chemicals					
Chloroform	0.5	ND		ug/L	
Chloromethane	0.5	ND		ug/L	
cis-1,2-Dichloroethylene	0.5	ND	70	ug/L	Pass
cis-1,3-Dichloropropene	0.5	ND		ug/L	
Dibromomethane	0.5	ND		ug/L	
Dichlorodifluoromethane	0.5	ND		ug/L	
Ethyl Benzene	0.5	ND	700	ug/L	Pass
Hexachlorobutadiene	0.5	ND		ug/L	
Isopropylbenzene (Cumene)	0.5	ND		ug/L	
m+p-Xylenes	1	ND		ug/L	
Methyl-tert-Butyl Ether (MTBE)	0.5	ND		ug/L	
Methylene Chloride	0.5	ND	5	ug/L	Pass
n-Butylbenzene	0.5	ND		ug/L	
n-Propylbenzene	0.5	ND		ug/L	
Naphthalene	0.5	ND		ug/L	
o-Xylene	0.5	ND		ug/L	
p-Isopropyltoluene (Cymene)	0.5	ND		ug/L	
sec-Butylbenzene	0.5	ND		ug/L	
Styrene	0.5	ND	100	ug/L	Pass
tert-Butylbenzene	0.5	ND		ug/L	
Tetrachloroethylene	0.5	ND	5	ug/L	Pass
Toluene	0.5	ND	1000	ug/L	Pass
Total Trihalomethanes	0.5	ND	80	ug/L	Pass
Total Xylenes	0.5	ND	10000	ug/L	Pass
trans-1,2-Dichloroethylene	0.5	ND	100	ug/L	Pass
trans-1,3-Dichloropropene	0.5	ND		ug/L	
Trichloroethylene	0.5	ND	5	ug/L	Pass
Trichlorofluoromethane	0.5	ND		ug/L	
Trichlorotrifluoroethane	0.5	ND		ug/L	
Vinyl Chloride	0.5	ND	2	ug/L	Pass
Microbiological Quality					
Coliform in Water/100 mL		Absent			
E. Coli in Water/100 mL		Absent			Pass

Test Parameter	Date Analyzed	Time Analyzed	Date Prepared/ Processed
Physical Quality			
Alkalinity (Ref: SM 2320-B)	3-APR-2015		
Color (Ref: SM 2120-B)	3-APR-2015	14:30	
Specific Conductance (Ref: EPA 120.1)	3-APR-2015		
Corrosivity (Ref: SM 2330-B)			
Hardness, Total (Ref: EPA 200.7)			
Odor, Threshold Number (Ref: EPA 140.1)	03-APR-2015		
Solids, Total Dissolved (Ref: SM 2540-C)	3-APR-2015		
Turbidity (Ref: EPA 180.1)	3-APR-2015	14:45	
pH (Ref: SM4500-HB)	3-APR-2015	10:16	
Bicarbonate (Ref: SM 2320-B)			
Disinfection Residuals/Disinfection By-Products			
Bromate (Ref: EPA 300.1)	5-APR-2015		
Chloramines (Ref: SM 4500-Cl-G)	3-APR-2015	10:17	
Chlorite (Ref: EPA 300.1)	4-APR-2015		
Chlorine Dioxide (Ref: SM 4500-ClO2-D)	3-APR-2015	10:17	
Haloacetic Acids (Ref: EPA 552.2)	6-APR-2015		4-APR-2015
Chlorine, Total Residual (ref. SM 4500CL-G)	3-APR-2015	10:17	
Radiologicals			
(1) * Gross Alpha/Beta Counts (Ref: EPA 900)- General Engineering	9-APR-2015		
(1) * Total Radium (General Engineering)	16-APR-2015		
Uranium in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Inorganic Chemicals			
Aluminum (Ref: EPA 200.8)	4-APR-2015		
Antimony in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Arsenic in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
(2) * Asbestos in Water (Ref: EPA 600/4-83/043,100.1)	12-APR-2015	0747	
Barium in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Beryllium in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Bromide (Ref: EPA 300.1)	4-APR-2015		
Cadmium in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Calcium in Drinking Water by ICPAES (Ref: EPA 200.7)	5-APR-2015		
Chloride (Ref: EPA 300.0)	10-APR-2015		
Chromium in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Copper in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		

Test Parameter	Date Analyzed	Time Analyzed	Date Prepared/ Processed
Inorganic Chemicals			
Cyanide, Total (Ref: EPA 335.4)	6-APR-2015		
Fluoride (Ref: SM 4500-F-C)	4-APR-2015		
Iron in Drinking Water by ICPAES (Ref: EPA 200.7)	5-APR-2015		
Lead in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Magnesium in Drinking Water by ICPAES (Ref: EPA 200.7)	5-APR-2015		
Manganese in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Mercury in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Nickel in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Nitrogen, Nitrate (Ref: EPA 300.0)	3-APR-2015	11:27	
Nitrogen, Nitrite (Ref: EPA 300.0)	3-APR-2015	11:27	
Total Nitrite + Nitrate-Nitrogen (Ref: EPA 300.0)			
Potassium by ICPAES (Ref: EPA 200.7)	5-APR-2015		
Selenium in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Silver in Drinking Water by ICPMS (Ref: EPA 200.8)	11-APR-2015		
Sodium in Drinking Water by ICPAES (Ref: EPA 200.7)	5-APR-2015		
Sulfate as SO4 by EPA 300.0	3-APR-2015		
Surfactants, Methylene Blue Active Substances (Ref: SM 5540-C)	3-APR-2015	11:33	
Thallium in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
* Phenolics, Total Recoverable (Ref: EPA 420.2)	3-APR-2015		
Zinc in Drinking Water by ICPMS (Ref: EPA 200.8)	4-APR-2015		
Organic Chemicals			
Diquat (Ref: EPA 549.2)	13-APR-2015		5-APR-2015
Endothall (Ref. EPA 548.1) - (ug/L)	11-APR-2015		10-APR-2015
Glyphosate (Ref: EPA 547)	6-APR-2015		
Perchlorate (Ref: EPA 314.0)	18-APR-2015		
2,3,7,8-TCDD (Ref: EPA 1613B)	4-APR-2015		13-APR-2015
Carbamate Pesticides (Ref: 531.2)	4-APR-2015		
Herbicides (Ref: EPA 515.3)	4-APR-2015		16-APR-2015
Multicomponent Pesticides and PCBs (Ref: EPA 505)	4-APR-2015		
Semivolatile Organic Compounds (Ref: EPA 525.2)	4-APR-2015		13-APR-2015
Volatiles: EDB and DBCP (Ref: EPA 504.1)	4-APR-2015		
Volatiles: Regulated and Monitoring VOC's (Ref: EPA 524.2)	4-APR-2015		
Microbiological Quality			
Colilert method for Coliform, in Water by SM 9223 (Bottled Water Only)	4-APR-2015	13:50	3-APR-2015 13:30

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