AQUASPHERE®

LAB RESULTS COMPARISON*

NATIONAL TESTING LABORATORY
E.P.A. • F.D.A. • W.H.O. • I.B.W.A.

NATIONAL TESTING LABORATORY, LTD.

- Aquasphere water test results, performed by National Testing Laboratories, Inc.
- National Testing Laboratories is the nation's largest private lab specializing in the analysis of drinking water.
- Maintains a network of three certified laboratories in, Ypsilanti Michigan, Ft. Lauderdale, Florida, and Meadville, Pennsylvania.
- Certified in 30 states
- Performs analytical services for various customers worldwide according to E.P.A. methods and standards.
- Laboratory testing meets all I.B.W.A. requirements.

*All specifications are accurate when the unit is assembled, used, and maintained in accordance with the manufacturer instructions.

ANALYSIS PERFORMED	MCL mg/l	DETET. LEVEL	LEVEL DETECTED	EPA	FDA	WHO	IBWA
Inorganic Chemicals - Metals							
Total Coliform	P	P	Absent / ND		< 5%		
Aluminum	.2	.1	ND	.2		.2	
Arsenic	.05	.1	ND	.05	.05	.01	.05
Barium	2	.020	ND	2	1	.7	1
Cadmium	.005	.002	ND	.005	.005	.003	.005
Calcium	AML	.12					
Chromium	.1	.010	ND	.1	.05	.05	.05
Copper	1.3	.004	ND	1-1.3	1	1-2	1
Iron	.3	.020	ND	.3	.3	.3	.3
Lead	.015	.002	ND	.015	.005	.01	.005
Manganese	.05	.004	ND	.05		.1-.5	.05
Mercury	.002	.001	ND	.002	.001	.001	.001
Nickel	.1	.02	ND	.1		.02	.1
Selenium	.05	.020	ND	.05	.01	.01	.01
Silver	.1	.002	.003	.1	.025	N/A	.025
Sodium	-	1.0	ND			200	
Zinc	5	.004	ND	5	5	3	5
Inorganic Chemicals - Other and Physical Factors							
Alkalinity Total as CaCO3	-	20	20				
Chloride 250	5.0	ND	250	250	250	250	
Fluoride 4	.5	.6	2	4	1.5	4	
Nitrate as N	10	.5	ND	10	10	50	10
Nitrite as N	1	.5	ND	1	1	3	1
Sulfate	400 /500	5.0	ND	250/500	250	250	250
Hardness (limit=100)		10	10				
pH (Standard Units)	6.5-8.5	-	7.0	6.5-8.5	6.5-8.5	< 8	6.5-8.5
Total Dissolved Solids	500	20.0	ND	500	500	1000	500
Turbidity	1.0	.1	.5	N/A	.5	5	.5
Organic Chemicals - Trihalomethanes							
Bromoform	.1	.004	ND			.1	
Bromodichloro-methane	.1	.002	ND			.1	
Chloroform	.1	.002	ND			.2	
Dibromochloro-methane	.1	.004	ND			.1	
Total THMs (sum of the four above)	.1	.002	ND	.1	.01	1	.01
Benzene	.005	.001	ND	.005	.005	.01	.005
Vinyl Chloride	.002	.001	ND	.002	.002	.005	.002
1,2- Dichloro-ethane	.005	.001	ND	.005	.005	.03	.005
Trichloroethene	.005	.001	ND	.005		.07	

ANALYSIS PERFORMED	MCL mg/l	DETET. LEVEL	LEVEL DETECTED	EPA	FDA	WHO	IBWA
Organic Chemicals - Trihalomethanes							
1,4-Dichlorobenzene	.075	.001	ND	.075	.075	.3	.075
1,1- Dichloroethene	.007	.001	ND	.007	.007	.03	.007
1,1,1- Trichloroethane	.2	.001	ND	.2	.2	2	.2
Bromobenzene	-	.002	ND				
Bromomethane	-	.002	ND				
Carbontetrachloride	.005	.001	ND	.005	.005	.002	.005
Chloromethane	-	.002	ND				
Chlorobenzene	.1	.001	ND	.1			
Chloroethane	-	.002	ND				
2- Chlorotoluene	-	.001	ND				
4- Chlorotoluene	-	.001	ND				
Dibromochloro-propane (DBCP)	-	.001	ND	.002	.0002	.001	.0002
Dibromomethane	-	.002	ND				
1,2- Dichlorobenzene	.6	.001	ND	.6	.6	1	.6
1,3- Dichlorobenzene	.6	.001	ND			N/A	
Dichlorodifluoro-methane	-	.002	ND				
1,1- Dichloroethane	-	.002	ND			N/A	
Trans-1,2-Dichloroethene	.1	.002	ND	.1	.1		.1
cis-1,2-Dichloroethene	.07	.002	ND	.07	.07		.07
Dichloromethane	.005	.002	ND	.005	.005	.02	.005
1,2-Dichloropropane	.005	.002	ND	.005	.005	.02	.005
trans-1,3-Dichloropropene	-	.002	ND				
1,3-Dichloropropene	-	.002	ND			.02	
2,2-Dichloropropane	-	.002	ND			N/A	
1,1-Dichlropropene	-	.002	ND				
1,3-Dichloropropane	-	.002	ND			N/A	
Ethylbenzene	.7	.001	ND	.7	.7	.3	.7
Ethylenedibromide (EDR)	-	.001	ND	.00005	.00005	N/A	.00005
Styrene	.1	.001	ND	.1	.1	.02	.1
1,1,1,2-Tetrachloroethane	-	.002	ND				
1,1,2,2-Tetrachloroethane	-	.002	ND				
Tetrachloroethene (PCE)	.005	.002	ND	.005	.005	.04	.005
1,2,4- Trichlorobenzene	-	.002	ND	.07	.07		.07
1,2,3-Trichlorobenzene	-	.002	ND				
1,1,2- Trichloroethane	.005	.002	ND	.005	.005		.005
Trichlorofluoro-methane	-	.002	ND				
1,2,3-Trichloropropane	-	.002	ND				
Toluene	1	.001	ND	1	1	.7	1
Xylene	10	.001	ND	10	10	.5	10
Organic Chemicals - Pesticides, Herbicides and PCBs							
Alachlor	.002	.001	ND	.002	.002	.02	.002
Atrazine	.003	.002	ND	.003	.003	.002	.003
Chlordane	.002	.001	ND	.002	.002	.0002	.002
Aldrin	-	.002	ND			.00003	
Dichloran	-	.002	ND				
Dieldrin	-	.001	ND			.00003	
Endrin	.002	.0001	ND	.002	.0002		.0002
Heptachlor	.0004	.0004	ND	.0004	.0004	.00003	.0004
Heptachlor Epoxide	.0002	.0001	ND	.0002	.0002	.00003	.0002
Hexachloro benzene	.001	.0005	ND	.001	.001	.001	.001
Hexachloro cyclopentadiene	.05	.001	ND	.05	.05		.05
Lindane	.0002	.0001	ND	.0002	.0002	.002	.0002
Methoxychlor	.04	.002	ND	.04	.04	.02	.04
PCBs	.0005	.0005	ND	.0005	.0005		.0005
Pentachloronitrobenzene	-	.002	ND				
Silvex(2,4,5-TP)	.05	.005	ND	.05	.01		.01
Simazine	.004	.002	ND	.004	.004	.002	.004
Toxaphene	.003	.001	ND	.003	.003		.003
Trifluralin	-	.001	ND			.02	
2,4-D	.07	.010	ND	.07	.07	.03	.07

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