

Compliance Designs

CLIENT: Aqua Filter Fresh
One Commerce Drive
Pittsburgh, PA 15239

DATE OF REPORT: Quarter 2, 2023
REPORT #: 344-1174
LABORATORY ID#: 29115

NOTE: “*” indicates that maximum levels have been exceeded, or in the case of pH, is either too high or too low
“ND” indicates that none of this analyte has been detected at or above the specified detection level
“MCL” indicates maximum contaminant level as established by US FDA for bottled water
“RL” indicates laboratory reporting limit for method
Units results are reported in mg/L unless otherwise noted

ANALYSIS PERFORMED	MCL ¹ (mg/L)	RL (mg/L)	DRINKING WATER (RO) FINISHED PRODUCT (Produced from Municipal Source) 344-1174 (mg/L)
Primary Inorganics			
Antimony	0.006	0.001	ND
Arsenic	0.01	0.001	ND
Asbestos	7 MFL	0.098	ND
Barium	2	0.001	0.0021
Beryllium	0.004	0.001	ND
Cadmium	0.005	0.001	ND
Chromium	0.1	0.001	ND
Cyanide	0.2	0.005	ND
Fluoride	See endnote ²	0.10	ND
Lead	0.005	0.001	ND
Mercury	0.002	0.0001	ND
Nickel	0.1	0.001	ND
Nitrogen, Nitrate	10	0.10	ND
Nitrogen, Nitrite	1.0	0.10	ND
Nitrogen - NO3/NO2 (NOX)	10	0.10	ND
Selenium	0.05	0.005	ND
Thallium	0.002	0.001	ND
Secondary Inorganics			
Alkalinity	--	1	1.8
Aluminum	0.2	0.010	ND
Boron	--	0.05	ND
Bromide	--	0.005	ND
Calcium	--	0.5	0.7
Chloride	250 ³	0.1	2.3
Copper	1	0.005	ND
Corrosivity	--	--	-4.10
Electrical Conductivity	-- umho/cm	10	13.8
Foaming Agents (MBAS)	--	0.2	ND
Hardness, Total	--	10	ND
Iron	0.3 ³	0.050	ND
Magnesium	--	0.5	ND
Manganese	0.05 ³	0.001	ND
pH	See endnote ⁴	0.1	7.50
Phenol	0.001	0.001	ND
Potassium	--	1.0	ND
Silver	0.1	0.001	ND
Sodium	--	0.5	2.0
Sulfate	250	10	0.5
TDS	500 ^{3,5}	10	ND
Zinc	5 ³	0.005	ND

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Physical			
Color	15 ³ CU	5	ND
Odor	3 ³ TON	1	ND
Turbidity	5 NTU	0.10	ND
Microbiological			
Total Coliform	Absence	1	ND
Radiologicals			
Gross Alpha	15 pCi/L	2.02	ND
Gross Beta	50 pCi/L ⁵	1.79	ND
Radium 226/228	5 pCi/L	0.450/0.626	ND / ND
Uranium	0.030	0.001	ND
Radon	-- pCi/L	12.0	ND
Volatile Organic Compounds EPA 524.2:			
Total Trihalomethanes	0.080	0.0005	0.0072
Benzene	0.005	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
Chloroethane	--	0.0005	ND
Chloroform	--	0.0005	0.0072
Chloromethane	--	0.0005	ND
o-Chlorotoluene	--	0.0005	ND
p-Chlorotoluene	--	0.0005	ND
Chlorodibromomethane	--	0.0005	ND
Dibromomethane	--	0.0005	ND
o-Dichlorobenzene	0.6	0.0005	ND
m-Dichlorobenzene	--	0.0005	ND
p-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-Dichloroethylene	0.007	0.0005	ND
cis-1,2-Dichloroethylene	0.07	0.0005	ND
trans-1,2-Dichloroethylene	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

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EPA 524.2 continued:			
Hexachlorobutadiene	--	0.0005	ND
Isopropylbenzene	--	0.0005	ND
p-Isopropyltoluene	--	0.0005	ND
Methyl tert-Butyl Ether (MTBE)	--	0.0005	ND
Methylene Chloride (Dichloromethane)	0.005	0.0005	ND
Monochlorobenzene	0.1	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
Tetrachloroethylene	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
Trichloroethylene	0.005	0.0005	ND
Trichlorofluoromethane	--	0.0005	ND
1,2,3-Trichloropropane	--	0.0005	ND
1,2,4-Trimethylbenzene	--	0.0005	ND
1,3,5-Trimethylbenzene	--	0.0005	ND
Vinyl Chloride	0.002	0.0005	ND
m+p-Xylenes	--	0.0005	ND
ortho-Xylene	--	0.0005	ND
Total Xylene	10	0.0005	ND
Add'l Organics			
EPA 504.1:			
1,2-Dibromoethane	0.00005	0.00002	ND
1,2-Dibromo-3-chloropropane	0.0002	0.00002	ND
1,2,3-Trichloropropane	0.00003	0.00002	ND
EPA 508.1:			
Chlordane (alpha and gamma)	0.002	0.0002	ND
Total PCBs	0.0005	0.0005	ND
Toxaphene	0.003	0.001	ND

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EPA 515.4: 2,4-D Dalapon Dicamba Dinoseb Pentachlorophenol Picloram 2,4,5-TP (Silvex)	0.07 0.2 -- 0.007 0.001 0.5 0.05	0.0001 0.001 0.0002 0.0002 0.00004 0.0001 0.0002	ND ND ND ND ND ND ND
EPA 525.2: Alachlor Aldrin Atrazine Benzo(a)Pyrene Butachlor Di(2-ethylhexyl)Adipate Di(2-ethylhexyl)Phthalate Dieldrin Endrin Heptachlor Heptachlor Epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor Metolachlor Metribuzin Propachlor Simazine	0.002 -- 0.003 0.0002 -- 0.4 0.006 -- 0.002 0.0004 0.0002 0.001 0.05 0.0002 0.04 -- -- -- -- 0.004	0.0002 0.0001 0.0001 0.00002 0.0001 0.0006 0.0006 0.0001 0.00001 0.00004 0.00002 0.0001 0.0001 0.00002 0.0001 0.0001 0.0001 0.0001 0.0001 0.00007	ND ND
EPA 531.2: Aldicarb (TEMIK) Aldicarb sulfone Aldicarb sulfoxide Carbaryl Carbofuran (FURADAN) 3-Hydroxycarbofuran Methomyl Oxamyl (VYDATE)	-- -- -- -- 0.04 -- -- -- 0.2	0.001 0.0016 0.001 0.001 0.0009 0.001 0.001 0.002	ND ND ND ND ND ND ND ND 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

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EPA 1613: 2,3,7,8-TCDD (DIOXIN)	3x10 ⁻⁸	5.0x10 ⁻⁹	ND
Disinfection Byproducts			
EPA 300.1: Bromate	0.010	0.001	ND
EPA 300.1B: Chlorite	1.0	0.010	ND
EPA 552.3:			
Dibromoacetic acid	--	0.001	ND
Dichloroacetic acid	--	0.001	ND
Monobromoacetic acid	--	0.001	ND
Monochloroacetic acid	--	0.002	ND
Trichloroacetic acid	--	0.001	ND
Haloacetic Acids, Total	0.060	0.001	ND
EPA 524.2:			
Total Trihalomethanes	0.080	0.0005	0.0072
Bromodichloromethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Chloroform	--	0.0005	0.0072
Chlorodibromomethane	--	0.0005	ND
Residual Disinfectants			
SM4500-CL G:			
Residual Chlorine, Total	4.0	0.05	ND
Chloramines	4.0	0.05	ND
SM4500-CIO2-D:			
Chlorine Dioxide	0.8	0.1	ND
Miscellaneous			
EPA 331.0:			
Perchlorate	--	0.00005	ND

EPA approved methods were used in all of the analyses and a listing is available upon request. These test results may be used for compliance purposes as required.

¹ The EPA, some State agencies and/or the IBWA may have established alternate MCLs for some of these analytes. Please refer to Federal, State and Industry codes.

² Fluoride MCL is determined by annual average of maximum daily air temperatures where the bottled water is sold. Refer to tables found in 21 CFR 165. The MCL for bottled water to which Fluoride has been added is 0.7 mg/L.

³ Mineral water is exempt from allowable levels per 21 CFR 165.110(b)(3) and (4). The exemptions are aesthetically based allowable levels and do not relate to a health concern.

⁴ MCL established by US FDA for waters that meet the US FDA definition of "Purified" is 5-7 pH Units per the USP XXIII Standards, as referenced in 21 CFR 165.

⁵ The bottled water shall not contain beta particle and photon radioactivity from man-made radionuclides in excess of that which would produce an annual dose equivalent to the total body or any internal organ of 4 millirems per year calculated on the basis of an intake of 2 liters of the water per day (= 50 pCi/L).

Certificate of Compliance

This is to certify that

EDGE ANALYTICAL, Inc.,
An Accredited Drinking Water Laboratory,
Certification number 046, has completed the analysis of

AQUA FILTER FRESH

“Drinking Water (RO) FP”

on August 16, 2023, according to the FDA testing requirements for bottled drinking water.
All parameters were found to be in compliance with 21 CFR 165 and 21 CFR 129
published limits for bottled drinking water.

A handwritten signature in blue ink, appearing to read "Lawrence Henderson", is written over a light blue rectangular background.

Director of Laboratories, Vice President

23-14366