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# TEST REPORT

**Send To: 3M890**

Mr. Billy Dashiell  
Baxter Source, Inc.  
P.O. Box 1076  
Alta, CA 95701

**Facility: 3M891**

Baxter Source, Inc.  
35283 Baxter Road  
Alta CA 95701  
United States

Result	COMPLETE	Final Report Date	14-NOV-2023
Customer Name	Baxter Source, Inc.		
Tested To	USFDA CFR Title 21 Part 165.110		
Description	Source Water		
Test Type	Source Water		
Job Number	A-00447294		
Project Number	W0808033		
Project Manager	Kayla Anctil		

**Thank you for having your product tested by NSF.**

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

**Report Authorization** *Nancy F. Cole*

**Date** 14-NOV-2023

Nancy Cole - Director, Analysis Laboratories



**General Information**

Standard: USFDA CFR Title 21 Part 165.110  
Collected by: William Dashiell  
Date and Time Sampled: 09/25/2023 17:55 EDT | 11/01/2023 17:00 EDT  
Product Description: Source Water

Sample Id: **S-0002055124**  
Description: Source Water | 10/10/2023 17:30 EDT  
Sampled Date: 10/10/2023  
Received Date: 10/11/2023

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
<b>Physical Quality</b>					
Alkalinity as CaCO3	5	52		mg CaCO3/L	
Color	5	ND	15	Color Unit	Pass
Color Type		Apparent			
Specific Conductance	10	110		umhos/cm	
Temperature	0	22		degrees C	
Corrosivity	0	0			
Hardness, Total	2	44		mg CaCO3/L	
Solids Total Dissolved	5	100	500	mg/L	Pass
Turbidity	0.1	0.6	5	NTU	Pass
pH	0.01	7.57			
Temperature	0	23		deg. C	
Odor, Threshold	1	ND	3	TON	Pass
Temperature	0	60		deg_C	
Bicarbonate	5	52.28		mg CaCO3/L	
<b>Microbiological Quality</b>					
Coliform in Water/100 mL		Absent			Pass
E. Coli in Water/100 mL		Absent			Pass
<b>Disinfection Residuals/Disinfection By-Products</b>					
Bromate	5	ND	10	ug/L	Pass
Monochloramine	0.05	ND		mg/L	
Dichloramine	0.05	ND		mg/L	
Nitrogen trichloride	0.05	ND		mg/L	
Chloramine, Total	0.05	ND	4	mg/L	Pass
Chlorite	10	ND	1000	ug/L	Pass
Chlorine Dioxide	0.1	ND	0.8	mg/L	Pass
Monochloroacetic Acid	2	ND		ug/L	
Monobromoacetic Acid	1	ND		ug/L	
Dichloroacetic Acid	1	ND		ug/L	
Bromochloroacetic Acid	1	ND		ug/L	
Trichloroacetic Acid	1	ND		ug/L	
Dibromoacetic Acid	1	ND		ug/L	
Total Haloacetic Acid	1	ND	60	ug/L	Pass
Chlorine, Total Residual	0.05	0.06	4	mg/L	Pass
<b>Radiologicals</b>					
Uranium	0.001	ND	0.03	mg/L	Pass
P1 Gross Alpha	3	ND	15	pCi/L	Pass
P1 Gross Beta	4	ND	50	pCi/L	Pass
Alpha Variance +/-		1		pCi/L	
Beta Variance +/-		1		pCi/L	
Radium-226	1	ND		pCi/L	



Sample Id: S-0002055124

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
<b>Radiologicals</b>					
Radium-228	1	ND		pCi/L	
Radium-226, Radium-228 Combined	1	ND	5	pCi/L	Pass
Radium 226 Variance +/-		0.2		pCi/L	
Radium 228 Variance +/-		0.3		pCi/L	
Radon	200	530		pCi/L	
Radon Variance +/-		21		pCi/L	
<b>Inorganic Chemicals</b>					
Aluminum	0.01	ND	0.2	mg/L	Pass
Antimony	0.0002	ND	0.006	mg/L	Pass
Arsenic	0.001	ND	0.01	mg/L	Pass
Barium	0.001	0.027	2	mg/L	Pass
Beryllium	0.0002	ND	0.004	mg/L	Pass
Bromide	10	ND		ug/L	
Cadmium	0.0002	ND	0.005	mg/L	Pass
Calcium	0.02	11		mg/L	
Chloride	2	ND	250	mg/L	Pass
Chromium (includes Hexavalent Chromium)	0.001	0.003	0.1	mg/L	Pass
Copper	0.001	ND	1	mg/L	Pass
Cyanide, Total	0.005	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	0.0005	ND	0.005	mg/L	Pass
Magnesium	0.02	3.9		mg/L	
Manganese	0.001	ND	0.05	mg/L	Pass
Mercury	0.0002	ND	0.002	mg/L	Pass
Nickel	0.0005	0.001	0.1	mg/L	Pass
Nitrogen, Nitrate	0.01	0.08	10	mg/L N	Pass
Nitrogen, Nitrite	0.004	ND	1	mg/L N	Pass
Total Nitrate + Nitrite-Nitrogen	0.01	0.08	10	mg/L	Pass
Potassium	0.5	2.4		mg/L	
Selenium	0.001	ND	0.05	mg/L	Pass
Silver	0.001	ND	0.1	mg/L	Pass
Sodium	0.2	4.5		mg/L	
Sulfate as SO4	0.5	ND	250	mg/L	Pass
MBAS, calc. as LAS Mol.Wt. 320	0.2	ND		mg/L	
Thallium	0.0002	ND	0.002	mg/L	Pass
Zinc	0.01	ND	5	mg/L	Pass
Chrysotile Fibers	0.2	ND		MFL	
Amphibole Fibers	0.2	ND		MFL	
Single Fiber Detection Limit	0.2	ND		MFL	
<b>Organic Chemicals</b>					
Diquat (Ref: EPA 549.2)					
Diquat	0.4	ND	20	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	5	ND	30	pg/L	Pass

Sample Id: S-0002055124

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
<b>Organic Chemicals</b>					
Carbamate Pesticides (Ref: 531.2)					
Aldicarb sulfoxide	0.5	ND		ug/L	
Aldicarb sulfone	0.5	ND		ug/L	
Oxamyl	0.5	ND	200	ug/L	Pass
Aldicarb	0.5	ND		ug/L	
Carbofuran	0.5	ND	40	ug/L	Pass
Methomyl	0.5	ND		ug/L	
Carbaryl	0.5	ND		ug/L	
3-Hydroxycarbofuran	0.5	ND		ug/L	
Semivolatile Organic Compounds (Ref: EPA 525.2)					
Hexachlorocyclopentadiene	0.1	ND	50	ug/L	Pass
EPTC	0.5	ND		ug/L	
Dimethylphthalate	2	ND		ug/L	
2,6-Dinitrotoluene	0.5	ND		ug/L	
2,4 Dinitrotoluene	0.5	ND		ug/L	
Molinate	0.1	ND		ug/L	
Diethylphthalate	2	ND		ug/L	
Propachlor	0.1	ND		ug/L	
Hexachlorobenzene	0.1	ND	1	ug/L	Pass
Simazine	0.07	ND	4	ug/L	Pass
Atrazine	0.1	ND	3	ug/L	Pass
Lindane	0.02	ND	0.2	ug/L	Pass
Terbacil	0.5	ND		ug/L	
Metribuzin	0.1	ND		ug/L	
Alachlor	0.1	ND	2	ug/L	Pass
Heptachlor	0.04	ND	0.4	ug/L	Pass
Di-n-butylphthalate	2	ND		ug/L	
Metolachlor	0.1	ND		ug/L	
Aldrin	0.08	ND		ug/L	
Heptachlor Epoxide	0.02	ND	0.2	ug/L	Pass
Butachlor	0.2	ND		ug/L	
p,p'-DDE (4,4'-DDE)	0.5	ND		ug/L	
Dieldrin	0.5	ND		ug/L	
Endrin	0.1	ND	2	ug/L	Pass
Butylbenzylphthalate	2	ND		ug/L	
bis(2-Ethylhexyl)adipate	0.6	ND	400	ug/L	Pass
Methoxychlor	0.1	ND	40	ug/L	Pass
bis(2-Ethylhexyl)phthalate (DEHP)	0.6	ND	6	ug/L	Pass
Benzo(a)Pyrene	0.02	ND	0.2	ug/L	Pass
Volatiles: EDB and DBCP (Ref: EPA 504.1)					
Ethylene Dibromide (EDB)	0.01	ND	0.05	ug/L	Pass
1,2-Dibromo-3-Chloropropane (DBCP)	0.01	ND	0.2	ug/L	Pass
Volatiles: Regulated and Monitoring VOC's (Ref: EPA 524.2)					
Dichlorodifluoromethane	0.5	ND		ug/L	
Chloromethane	0.5	ND		ug/L	
Vinyl Chloride	0.5	ND	2	ug/L	Pass
Bromomethane	0.5	ND		ug/L	
Chloroethane	0.5	ND		ug/L	
Trichlorofluoromethane	0.5	ND		ug/L	

Sample Id: S-0002055124

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
<b>Organic Chemicals</b>					
Trichlorotrifluoroethane	0.5	ND		ug/L	
Methylene Chloride	0.5	ND	5	ug/L	Pass
1,1-Dichloroethylene	0.5	ND	7	ug/L	Pass
trans-1,2-Dichloroethylene	0.5	ND	100	ug/L	Pass
1,1-Dichloroethane	0.5	ND		ug/L	
2,2-Dichloropropane	0.5	ND		ug/L	
cis-1,2-Dichloroethylene	0.5	ND	70	ug/L	Pass
Chloroform	0.5	ND		ug/L	
Bromochloromethane	0.5	ND		ug/L	
1,1,1-Trichloroethane	0.5	ND	200	ug/L	Pass
1,1-Dichloropropene	0.5	ND		ug/L	
Carbon Tetrachloride	0.5	ND	5	ug/L	Pass
1,2-Dichloroethane	0.5	ND	5	ug/L	Pass
Trichloroethylene	0.5	ND	5	ug/L	Pass
1,2-Dichloropropane	0.5	ND	5	ug/L	Pass
Bromodichloromethane	0.5	ND		ug/L	
Dibromomethane	0.5	ND		ug/L	
cis-1,3-Dichloropropene	0.5	ND		ug/L	
trans-1,3-Dichloropropene	0.5	ND		ug/L	
1,1,2-Trichloroethane	0.5	ND	5	ug/L	Pass
1,3-Dichloropropane	0.5	ND		ug/L	
Tetrachloroethylene	0.5	ND	5	ug/L	Pass
Chlorodibromomethane	0.5	ND		ug/L	
Chlorobenzene	0.5	ND	100	ug/L	Pass
1,1,1,2-Tetrachloroethane	0.5	ND		ug/L	
Bromoform	0.5	ND		ug/L	
1,1,1,2,2-Tetrachloroethane	0.5	ND		ug/L	
1,2,3-Trichloropropane	0.5	ND		ug/L	
1,3-Dichlorobenzene	0.5	ND		ug/L	
1,4-Dichlorobenzene	0.5	ND	75	ug/L	Pass
1,2-Dichlorobenzene	0.5	ND	600	ug/L	Pass
Methyl-tert-Butyl Ether (MTBE)	0.5	ND		ug/L	
Methyl Ethyl Ketone	5	ND		ug/L	
Toluene	0.5	ND	1000	ug/L	Pass
Ethyl Benzene	0.5	ND	700	ug/L	Pass
m+p-Xylenes	1	ND		ug/L	
o-Xylene	0.5	ND		ug/L	
Styrene	0.5	ND	100	ug/L	Pass
Isopropylbenzene (Cumene)	0.5	ND		ug/L	
n-Propylbenzene	0.5	ND		ug/L	
Bromobenzene	0.5	ND		ug/L	
2-Chlorotoluene	0.5	ND		ug/L	
4-Chlorotoluene	0.5	ND		ug/L	
1,3,5-Trimethylbenzene	0.5	ND		ug/L	
tert-Butylbenzene	0.5	ND		ug/L	
1,2,4-Trimethylbenzene	0.5	ND		ug/L	
sec-Butylbenzene	0.5	ND		ug/L	
p-Isopropyltoluene (Cymene)	0.5	ND		ug/L	
1,2,3-Trimethylbenzene	0.5	ND		ug/L	

Sample Id: S-0002055124

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
<b>Organic Chemicals</b>					
n-Butylbenzene	0.5	ND		ug/L	
1,2,4-Trichlorobenzene	0.5	ND	70	ug/L	Pass
Hexachlorobutadiene	0.5	ND		ug/L	
1,2,3-Trichlorobenzene	0.5	ND		ug/L	
Naphthalene	0.5	ND		ug/L	
Benzene	0.5	ND	5	ug/L	Pass
Total Trihalomethanes	0.5	ND	80	ug/L	Pass
Total Xylenes	0.5	ND	10000	ug/L	Pass
<b>Chlorinated Pesticides and Organohalides by EPA 508.1</b>					
Toxaphene	0.1	ND	3	ug/L	Pass
Chlordane	0.1	ND	2	ug/L	Pass
PCB 1016	0.08	ND	0.5	ug/L	Pass
PCB 1221	0.1	ND	0.5	ug/L	Pass
PCB 1232	0.1	ND	0.5	ug/L	Pass
PCB 1242	0.1	ND	0.5	ug/L	Pass
PCB 1248	0.1	ND	0.5	ug/L	Pass
PCB 1254	0.1	ND	0.5	ug/L	Pass
PCB 1260	0.1	ND	0.5	ug/L	Pass
Endrin	0.01	ND	2	ug/L	Pass
Total PCBs	0.1	ND	0.5	ug/L	Pass
<b>*Perfluorinated Compounds (PFC's) by EPA 537.1 - Enthalpy</b>					
NEtFOSAA	2	ND		ng/L	
NMeFOSAA	2	ND		ng/L	
Perfluorobutanesulfonic acid	2	ND		ng/L	
Perfluorodecanoic acid	2	ND		ng/L	
Perfluorododecanoic acid	2	ND		ng/L	
Perfluoroheptanoic acid	2	ND		ng/L	
Perfluorononanoic acid	2	ND		ng/L	
Perfluorooctanesulfonic acid	2	ND		ng/L	
Perfluorooctanoic acid	2	ND		ng/L	
Perfluorotetradecanoic acid	2	ND		ng/L	
Perfluorotridecanoic acid	2	ND		ng/L	
Perfluoroundecanoic acid	2	ND		ng/L	
HFPO-DA/GenX	2	ND		ng/L	
ADONA	2	ND		ng/L	
9Cl-PF3ONS/F-53B Major	2	ND		ng/L	
11Cl-PF3OUdS/F-53B Minor	2	ND		ng/L	
<b>* Herbicides (Ref: EPA 515.4)</b>					
Dalapon	1	ND	200	ug/L	Pass
Dicamba	0.1	ND		ug/L	
2,4-D	0.1	ND	70	ug/L	Pass
Pentachlorophenol	0.04	ND	1	ug/L	Pass
2,4,5-TP	0.2	ND	50	ug/L	Pass
Dinoseb	0.2	ND	7	ug/L	Pass
Picloram	0.1	ND	500	ug/L	Pass
Bentazon	0.2	ND		ug/L	
DCPA Acid Metabolites	0.2	ND		ug/L	
<b>Miscellaneous</b>					
Phenolics	0.001	ND	0.001	mg/L	Pass



Sample Id: **S-0002055124**

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
<b>Miscellaneous</b>					
Heterotrophic Plate Count- 35C, 48 hours	0	<1		CFU/mL	
Heterotrophic Plate Count- 35C, 72 hours	0	<1		CFU/mL	

Sample Id: **S-0002058792**

Description: Source Water | 11/01/2023 17:00 EDT

Sampled Date: 11/01/2023

Received Date: 10/26/2023

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
<b>Organic Chemicals</b>					
Endothall (Ref. EPA 548.1) - (ug/L)					
Endothall	9	ND	100	ug/L	Pass
<b>Miscellaneous</b>					



<<Additional Information>>

Sample Id: S-0002055124

Test Parameter	Date Analyzed	Time Analyzed	Date Prepared/ Processed
<b>Physical Quality</b>			
Alkalinity (Ref: SM 2320-B)	11-OCT-2023		
Color (Ref: SM 2120-B)	11-OCT-2023	11:39	
Specific Conductance (Ref: EPA 120.1)	11-OCT-2023		
Corrosivity (Ref: SM 2330-B)			
Hardness, Total (Ref: EPA 200.7)			
Solids, Total Dissolved (Ref: SM 2540-C)	12-OCT-2023		
Turbidity (Ref: EPA 180.1)	11-OCT-2023	12:23	
pH (Ref: SM4500-HB)	11-OCT-2023	14:10	
Odor, Threshold Number ( Ref. Standard Methods 2150 B)	11-OCT-2023	12:37	
Bicarbonate (Ref: SM 2320-B)			
<b>Microbiological Quality</b>			
#3 Coliforms and E. coli (Ref: SM 9223)- Performed at NSF Approved Subcontract Laboratory			11-OCT-2023 15:09
<b>Test Notes</b>			
Sample received at the lab past the 8 hour hold time.			
<b>Disinfection Residuals/Disinfection By-Products</b>			
Bromate (Ref: EPA 300.1)	12-OCT-2023		
Chloramines (Ref: SM 4500-CI-G)	11-OCT-2023	15:42	
Chlorite (Ref: EPA 300.1)	12-OCT-2023		
Chlorine Dioxide (Ref: SM 4500-CIO2-D)	11-OCT-2023	15:42	
Haloacetic Acids (Ref: EPA 552.2)	19-OCT-2023		15-OCT-2023
Chlorine, Total Residual (ref. SM 4500CL-G)	11-OCT-2023	15:42	
<b>Radiologicals</b>			
Uranium in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Gross Alpha and Beta Radioactivity in Drinking Water (Ref: EPA 900.0)	24-OCT-2023		
Total Radium-226, Radium-228 Combined Activity (SM7500Ra-B & SM7500Ra-D)	30-OCT-2023		
Radon in Water (ref: SM 7500-Rn-B)	11-OCT-2023		
<b>Inorganic Chemicals</b>			
Aluminum (Ref: EPA 200.8)	18-OCT-2023		
Antimony in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Arsenic in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Barium in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Beryllium in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Bromide (Ref: EPA 300.1)	12-OCT-2023		
Cadmium in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		





<<Additional Information>>

Sample Id: S-0002055124

Test Parameter	Date Analyzed	Time Analyzed	Date Prepared/ Processed
<b>Inorganic Chemicals</b>			
Calcium in Drinking Water by ICPAES (Ref: EPA 200.7)	18-OCT-2023		
Chloride (Ref: EPA 300.0)	12-OCT-2023		
Chromium in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Copper in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Cyanide, Total (Ref: EPA 335.4)	18-OCT-2023		
Fluoride (Ref: SM 4500-F-C)	13-OCT-2023		
Iron in Drinking Water by ICPAES (Ref: EPA 200.7)	18-OCT-2023		
Lead in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Magnesium in Drinking Water by ICPAES (Ref: EPA 200.7)	18-OCT-2023		
Manganese in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Mercury in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Nickel in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Nitrogen, Nitrate (Ref: EPA 300.0)	12-OCT-2023	02:45	
Nitrogen, Nitrite (Ref: EPA 300.0)	12-OCT-2023	02:45	
Total Nitrite + Nitrate-Nitrogen (Ref: EPA 300.0)			
Potassium by ICPAES (Ref: EPA 200.7)	18-OCT-2023		
Selenium in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Silver in Drinking Water by ICPMS (Ref: EPA 200.8) for BQ	23-OCT-2023		20-OCT-2023
Sodium in Drinking Water by ICPAES (Ref: EPA 200.7)	18-OCT-2023		
Sulfate as SO4 (Ref: EPA 300.0)	12-OCT-2023		
Surfactants, Methylene Blue Active Substances (Ref: SM 5540-C)	12-OCT-2023	13:22	
Thallium in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
Zinc in Drinking Water by ICPMS (Ref: EPA 200.8)	18-OCT-2023		
#1 * Asbestos in Water (Ref: EPA 100.2)- EMSL	1-NOV-2023	00:00	12-OCT-2023 13:56
<b>Organic Chemicals</b>			
Diquat (Ref: EPA 549.2)	18-OCT-2023		17-OCT-2023
Glyphosate (Ref: EPA 547)	23-OCT-2023		
Perchlorate (Ref: EPA 314.0)	12-OCT-2023		
2,3,7,8-TCDD (Ref: EPA 1613B)	24-OCT-2023		21-OCT-2023
Carbamate Pesticides (Ref: 531.2)	17-OCT-2023		
Semivolatile Organic Compounds (Ref: EPA 525.2)	16-OCT-2023		12-OCT-2023
Volatiles: EDB and DBCP (Ref: EPA 504.1)	18-OCT-2023		
Volatiles: Regulated and Monitoring VOC's (Ref: EPA 524.2)	18-OCT-2023		
Chlorinated Pesticides and Organohalides by EPA 508.1	20-OCT-2023		



<<Additional Information>>

Sample Id: S-0002055124

Test Parameter	Date Analyzed	Time Analyzed	Date Prepared/ Processed
<b>Organic Chemicals</b>			
#2 *Perfluorinated Compounds (PFC's) by EPA 537.1 - Enthalpy	20-OCT-2023		
* Herbicides (Ref: EPA 515.4)	16-OCT-2023		18-OCT-2023
<b>Miscellaneous</b>			
#3 *Phenolics, Total Recoverable (EPA 420.4) National Testing Laboratories, Ltd.	2-NOV-2023		
*Source Water BQ Receipt Test Code			
#3 Heterotrophic Plate Count (Ref: SM 9215B)- Performed at NSF Approved Subcontract Laboratory	11-OCT-2023	15:00	11-OCT-2023 15:00
<b>Test Notes</b> Sample received at the lab past the 8 hour hold time.			



<<Additional Information>>

Sample Id: S-0002058792

Test Parameter	Date Analyzed	Time Analyzed	Date Prepared/ Processed
<b>Organic Chemicals</b>			
Endothall (Ref. EPA 548.1) - (ug/L)	6-NOV-2023		3-NOV-2023
<b>Miscellaneous</b>			
*Source Water BQ Receipt Test Code			



**Job Notes:**

Source water received 15 hours after sampling. pH, Total Residual Chlorine, Chlorine Dioxide, and Chloramines were analyzed past the holding time.



**Testing Laboratories:**

	<b>Flag</b>	<b>Id</b>	<b>Address</b>
All work performed at: (Unless otherwise specified)	→	NSF_AA	NSF 789 N. Dixboro Road Ann Arbor MI 48105
	#1	EMSL	EMSL Analytical Inc. 200 Route 130 North Cinnaminson, NJ 08077
	#2	ENTHALPY	Enthalpy 1104 Windfield Way El Dorado Hills California 95762 USA
	#3	NTL	National Testing Laboratories, LTD. 556 S. Mansfield Ypsilanti, MI 48197 USA

**References to Testing Procedures:**

<b>NSF Reference</b>	<b>Parameter / Test Description</b>
C0842	Gross Alpha and Beta Radioactivity in Drinking Water (Ref: EPA 900.0)
C0980	Total Radium-226, Radium-228 Combined Activity (SM7500Ra-B & SM7500Ra-D)
C1188	Odor, Threshold Number ( Ref. Standard Methods 2150 B)
C1295	Silver in Drinking Water by ICPMS (Ref: EPA 200.8) for BQ
C1302	* Herbicides (Ref: EPA 515.4)
C1361	Bicarbonate (Ref: SM 2320-B)
C1536	* Asbestos in Water (Ref: EPA 100.2)- EMSL
C1556	*Perfluorinated Compounds (PFC's) by EPA 537.1 - Enthalpy
C1565	*Phenolics,Total Recoverable (EPA 420.4) National Testing Laboratories, Ltd.
C2015	2,3,7,8-TCDD (Ref: EPA 1613B)
C2051	Radon in Water (ref: SM 7500-Rn-B)
C3013	Chloride (Ref: EPA 300.0)
C3014	Bromide (Ref: EPA 300.1)
C3015	Bromate (Ref: EPA 300.1)
C3016	Nitrogen, Nitrate (Ref: EPA 300.0)
C3017	Nitrogen, Nitrite (Ref: EPA 300.0)
C3018	Sulfate as SO4 (Ref: EPA 300.0)
C3019	Cyanide, Total (Ref: EPA 335.4)
C3025	Chlorite (Ref: EPA 300.1)
C3033	Aluminum (Ref: EPA 200.8)
C3036	Arsenic in Drinking Water by ICPMS (Ref: EPA 200.8)
C3039	Barium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3042	Beryllium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3044	Calcium in Drinking Water by ICPAES (Ref: EPA 200.7)
C3047	Cadmium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3053	Chromium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3059	Copper in Drinking Water by ICPMS (Ref: EPA 200.8)
C3064	Iron in Drinking Water by ICPAES (Ref: EPA 200.7)
C3072	Mercury in Drinking Water by ICPMS (Ref: EPA 200.8)
C3079	Potassium by ICPAES (Ref: EPA 200.7)
C3085	Magnesium in Drinking Water by ICPAES (Ref: EPA 200.7)
C3086	Manganese in Drinking Water by ICPMS (Ref: EPA 200.8)
C3091	Sodium in Drinking Water by ICPAES (Ref: EPA 200.7)
C3094	Nickel in Drinking Water by ICPMS (Ref: EPA 200.8)
C3101	Lead in Drinking Water by ICPMS (Ref: EPA 200.8)

**References to Testing Procedures:** (Cont'd)

<b>NSF Reference</b>	<b>Parameter / Test Description</b>
C3114	Antimony in Drinking Water by ICPMS (Ref: EPA 200.8)
C3116	Selenium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3128	Thallium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3136	Zinc in Drinking Water by ICPMS (Ref: EPA 200.8)
C3144	Solids, Total Dissolved (Ref: SM 2540-C)
C3145	Turbidity (Ref: EPA 180.1)
C3155	Surfactants, Methylene Blue Active Substances (Ref: SM 5540-C)
C3157	Color (Ref: SM 2120-B)
C3158	Specific Conductance (Ref: EPA 120.1)
C3159	pH (Ref: SM4500-HB)
C3161	Hardness, Total (Ref: EPA 200.7)
C3168	Chlorine Dioxide (Ref: SM 4500-ClO2-D)
C3169	Chloramines (Ref: SM 4500-Cl-G)
C3170	Fluoride (Ref: SM 4500-F-C)
C3174	Alkalinity (Ref: SM 2320-B)
C3210	Corrosivity (Ref: SM 2330-B)
C3342	Total Nitrite + Nitrate-Nitrogen (Ref: EPA 300.0)
C3393	Chlorine, Total Residual (ref. SM 4500CL-G)
C4076	Carbamate Pesticides (Ref: 531.2)
C4145	Diquat (Ref: EPA 549.2)
C4154	Endothal (Ref: EPA 548.1) - (ug/L)
C4193	Glyphosate (Ref: EPA 547)
C4198	Haloacetic Acids (Ref: EPA 552.2)
C4343	Semivolatile Organic Compounds (Ref: EPA 525.2)
C4411	Volatiles: EDB and DBCP (Ref: EPA 504.1)
C4496	Uranium in Drinking Water by ICPMS (Ref: EPA 200.8)
C4497	Perchlorate (Ref: EPA 314.0)
C4661	Volatiles: Regulated and Monitoring VOC's (Ref: EPA 524.2)
C4669	Chlorinated Pesticides and Organohalides by EPA 508.1
M1094	Heterotrophic Plate Count (Ref: SM 9215B)- Performed at NSF Approved Subcontract Laboratory
M1115	Coliforms and E. coli (Ref: SM 9223)- Performed at NSF Approved Subcontract Laboratory

**Laboratory Certifications:**

Arizona ( # AZ0655 )	California ( # 03214 CA )	Connecticut ( # PH-0625 )
Florida ( # E-87752 FL )	Hawaii	Indiana
Maryland ( # 201 )	Michigan ( # 0048 )	North Carolina ( # 26701 )
New Jersey ( # MI770 )	Nevada ( # MI000302010A )	New York ( # 11206 )
Pennsylvania ( # 68-00312 )	South Carolina ( # 81005 )	Virginia ( # 00045 )
Vermont ( # VT 11206 )		

Test descriptions preceded by an asterisk "\*" indicate that testing has been performed per NSF requirements but is not within its 17025 scope of accreditation.

Unless otherwise indicated, method uncertainties are not applied in any determinations of conformity. Testing utilizes the requested sections of any referenced standards, which may not be the entire standard.

**Dates of Laboratory Activity: 11-OCT-2023 to 14-NOV-2023**

The reported result for Total Recoverable Phenolics, Potassium, Molybdenum, Silica, Total Phosphorus, Radon, Sr-89/90, Bicarbonate, Bromochloroacetic Acid, Total Haloacetic acid, Bentazon, DCPA Acid Metabolites, EPTC, Dimethylphthalate, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, Molinate, Diethylphthalate, Terbacil, Di-n-butylphthalate, p,p'-DDE (4,4'-DDE), Butylbenzylphthalate, Trichlorotrifluoroethane, Methyl Ethyl Ketone, 1,2,3-



Trimethylbenzene, Epichlorohydrin, or 1,4-Dioxane if performed, cannot be used for compliance purposes within the State of Arizona. Certifications are not offered for these compounds in a drinking water matrix.

The reported results for Total Recoverable Phenolics, pH, Bicarbonate and Temperature, if performed, are not covered by New York State drinking water certifications. NSF is not certified for Chlorine Dioxide, Chloramines, Total Residual Chlorine, Total Haloacetic acid, Bentazon, DCPA Acid Metabolites, EPTC, Dimethylphthalate, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, Molinate, Diethylphthalate, Terbacil, Di-n-butylphthalate, p,p'-DDE (4,4'-DDE), Butylbenzylphthalate, Trichlorotrifluoroethane, Methyl Ethyl Ketone, 1,2,3-Trimethylbenzene, Epichlorohydrin, or 1,4-Dioxane in the State of New York.

Notes:

- 1) Bottled water sold in the United States shall not contain Fluoride in excess of the levels published by the USFDA in 21 CFR Part 165.110. These levels are based on the annual average of maximum daily air temperatures at the location where the bottled water is sold at retail. Please refer to the most current edition of the regulation to determine the Fluoride maximum level that pertains to your product.
- 2) A blank on the FDA SOQ column indicates that no maximum level has been established by the FDA for that contaminant.
- 3) An ND result means that the contaminant was not detected at or above the reporting limit.

For a list of NSF Method Detection Limits refer to

[https://d2evkimvhatqav.cloudfront.net/documents/external/minimum\\_detection\\_level\\_spreadsheet.pdf](https://d2evkimvhatqav.cloudfront.net/documents/external/minimum_detection_level_spreadsheet.pdf)