



## SAMPLE REPORT

XGGEK4

### CLIENT INFORMATION

**Client:** Example Customer  
**Requested On:** Aug 10, 2019  
**Email:** [john.doe@simplewater.us](mailto:john.doe@simplewater.us)

**SimpleWater Labs - Berkeley Facility**  
123 Laboratorium Ave, Berkeley, CA 94705

DO NOT CALL FACILITY DIRECTLY  
For lab questions contact [hello@gosimplelab.com](mailto:hello@gosimplelab.com)

### TESTING PERFORMED

**Testing Requested:** Advanced Well Water Test  
**Matrix:** Water  
**Testing / Report ID:** XGGEK4

### SAMPLE INFORMATION

**Collection Date:** Jan 16, 2020  
**Collected By:** A. Hamilton  
**Sample Location:** Kitchen Sink  
**Sample Address:** 2594 Hearst Avenue, Berkeley, CA  
94720, United States

### TESTING NOTES

There were no problems with analytical events associated with this report unless noted. Quality control data is within laboratory defined or method specified acceptance limits except where noted. If you have any questions regarding these test results, please contact [hello@gosimplelab.com](mailto:hello@gosimplelab.com)

### SUMMARY ANALYSIS

ANALYTE	UNIT	RESULT	METHOD	EVALUATION
pH	pH	8.4	SM 4500-H+B	Out of EPA Range
Total Dissolved Solids	PPM	362	SM 2540 C	< SLR*
Turbidity	NTU	3	SM 2130 B	< SLR*
Conductivity	umhos	83	SM 2510B	< SLR*
Color	CU	5	SM 2120 B	< SLR*
Odor	TON	1	SM 2150 B	< SLR*
Hardness (Ca,Mg)	PPM	66.8	2340 B	
Hardness (Total)	PPM	70.96	2340 C	< SLR*
Grains per gallon	Grains	4.18	Conversion	< SLR*
Alkalinity (as CaCO3)	PPM	215	SM 2320 B	< SLR*
Langelier Saturation Index		0.46		NORMAL
Sodium Adsorption Ratio		4.33	Equation	
Total THMs	PPB	17	Equation	< SLR*

### TEST RESULTS

ANALYTE	UNIT	RESULT	MDL	METHOD	EVALUATION
1,1,1,2 Tetrachloroethane	PPB	NOT DETECTED	0.5	EPA 524.2	

1,1,1 Trichloroethane	PPB	NOT DETECTED	0.5	EPA 524.2	
1,1,2,2 Tetrachloroethane	PPB	NOT DETECTED	0.5	EPA 524.2	
1,1,2 Trichloroethane	PPB	NOT DETECTED	0.5	EPA 524.2	
1,1 Dichloroethane	PPB	NOT DETECTED	0.5	EPA 524.2	
1,1 Dichloroethylene	PPB	<b>0.14</b>	0.5	EPA 524.2	< MCLG*
1,1 Dichloropropene	PPB	NOT DETECTED	0.5	EPA 524.2	
1,2,3 Trichlorobenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
1,2,3 Trichloropropane	PPB	NOT DETECTED	0.5	EPA 524.2	
1,2,4 Trichlorobenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
1,2,4 Trimethylbenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
1,2 Dichlorobenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
1,2 Dichloroethane	PPB	NOT DETECTED	0.5	EPA 524.2	
1,2 Dichloropropane	PPB	NOT DETECTED	0.5	EPA 524.2	
1,3,5 Trimethylbenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
1,3 Dichlorobenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
1,3 Dichloropropane	PPB	NOT DETECTED	0.5	EPA 524.2	
1,3 Dichloropropene	PPB	NOT DETECTED	0.5	EPA 524.2	
1,4 Dichlorobenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
2,2 Dichloropropane	PPB	NOT DETECTED	0.5	EPA 524.2	
Aluminum	PPM	<b>0.18</b>	0.0005	EPA 200.8	< SLR*
Antimony	PPM	NOT DETECTED	0.0005	EPA 200.8	
Arsenic	PPM	<b>0.007</b>	0.0005	EPA 200.8	> MCLG(0)**
Barium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Benzene	PPB	<b>4</b>	0.5	EPA 524.2	> MCLG(0)**
Beryllium	PPM	<b>0.0001</b>	0.0005	EPA 200.8	< MCLG*
Boron	PPM	<b>1.96</b>	0.001	EPA 200.7	< SLR*
Bromobenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
Bromochloromethane	PPB	NOT DETECTED	0.5	EPA 524.2	
Bromodichloromethane	PPB	NOT DETECTED	0.5	EPA 524.2	
Bromoform	PPB	NOT DETECTED	0.5	EPA 524.2	
Bromomethane	PPB	NOT DETECTED	0.5	EPA 524.2	
Cadmium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Calcium	PPM	<b>11.91</b>	0.001	EPA 200.7	< SLR*
Carbon Tetrachloride	PPB	NOT DETECTED	0.5	EPA 524.2	
Chloride	PPM	NOT DETECTED	0.165	EPA 300.0	
Chlorobenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
Chloroethane	PPB	NOT DETECTED	0.5	EPA 524.2	
Chloroform	PPB	<b>17</b>	0.5	EPA 524.2	> SLR(0.4)**
Chloromethane	PPB	<b>0.2</b>	0.5	EPA 524.2	< SLR*
Chlorotoluene 2	PPB	NOT DETECTED	0.5	EPA 524.2	

Chlorotoluene 4	PPB	NOT DETECTED	0.5	EPA 524.2	
Chromium (Total)	PPM	NOT DETECTED	0.0005	EPA 200.8	
cis 1,2 Dichloroethylene	PPB	NOT DETECTED	0.5	EPA 524.2	
Cobalt	PPM	NOT DETECTED	0.0005	EPA 200.8	
Copper	PPM	NOT DETECTED	0.0005	EPA 200.8	
Dibromochloromethane	PPB	NOT DETECTED	0.5	EPA 524.2	
Dibromochloropropane	PPB	NOT DETECTED	0.5	EPA 524.2	
Dibromomethane	PPB	<b>0.4</b>	0.5	EPA 524.2	< SLR*
Dichlorodifluoromethane	PPB	<b>327000</b>	0.5	EPA 524.2	< SLR*
Dichloromethane	PPB	NOT DETECTED	0.5	EPA 524.2	
E. coli	P/A	NOT DETECTED		SM 9223B	
Ethylbenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
Ethylene dibromide	PPB	NOT DETECTED	0.5	EPA 524.2	
Fluoride	PPM	NOT DETECTED	0.0005	EPA 300.0	
Hexachlorobutadiene	PPB	NOT DETECTED	0.5	EPA 524.2	
Iron	PPM	<b>0.094</b>	0.001	EPA 200.7	< SLR*
Isopropylbenzene	PPB	<b>130</b>	0.5	EPA 524.2	< SLR*
Lead	PPM	NOT DETECTED	0.0005	EPA 200.8	
Lithium	PPM	NOT DETECTED	0.001	EPA 200.7	
Magnesium	PPM	<b>9</b>	0.001	EPA 200.7	< SLR*
Manganese	PPM	NOT DETECTED	0.0005	EPA 200.8	
Mercury	PPM	NOT DETECTED	0.0005	EPA 200.8	
Methyl Tertiary Butyl Ether	PPB	NOT DETECTED	0.5	EPA 524.2	
Molybdenum	PPM	<b>14</b>	0.0005	EPA 200.8	< SLR*
m,p Xylene	PPB	NOT DETECTED	0.5	EPA 524.2	
Naphthalene	PPB	NOT DETECTED	0.5	EPA 524.2	
n Butylbenzene	PPB	<b>0.3</b>	0.5	EPA 524.2	< SLR*
Nickel	PPM	NOT DETECTED	0.0005	EPA 200.8	
Nitrate (as N)	PPM	NOT DETECTED	0.001	EPA 300.0	
Nitrite (as N)	PPM	<b>0.4</b>	0.0005	EPA 300.0	< MCLG*
n Propylbenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
o Xylene	PPB	<b>260</b>	0.5	EPA 524.2	< SLR*
Phosphorous	PPM	<b>1.6</b>	0.001	EPA 200.7	< SLR*
p Isopropyltoluene	PPB	NOT DETECTED	0.5	EPA 524.2	
Potassium	PPM	NOT DETECTED	0.001	EPA 200.7	
sec Butylbenzene	PPB	NOT DETECTED	0.5	EPA 524.2	
Selenium	PPM	<b>0.009</b>	0.0005	EPA 200.8	< MCLG*
Silver	PPM	<b>0.03</b>	0.0005	EPA 200.8	< SLR*
Sodium	PPM	<b>14</b>	0.001	EPA 200.7	< SLR*
Strontium	PPM	<b>0.715</b>	0.001	EPA 200.7	< SLR*

Styrene	PPB	NOT DETECTED	0.5	EPA 524.2	
Sulfate	PPM	<b>23</b>	1	EPA 300.0	< SLR*
tert Butylbenzene	PPB	<b>0.5</b>	0.5	EPA 524.2	
Tetrachloroethylene	PPB	NOT DETECTED	0.5	EPA 524.2	
Thallium	PPM	<b>6.0E-5</b>	0.0005	EPA 200.8	< MCLG*
Titanium	PPM	NOT DETECTED	0.001	EPA 200.7	
Toluene	PPB	NOT DETECTED	0.5	EPA 524.2	
Total Coliform	P/A	<b>DETECTED</b>		SM 9223B	<b>ATTENTION</b>
trans 1,3 Dichloropropene	PPB	NOT DETECTED	0.5	EPA 524.2	
Trichloroethylene	PPB	NOT DETECTED	0.5	EPA 524.2	
Trichlorofluoromethane	PPB	NOT DETECTED	0.5	EPA 524.2	
Uranium	PPM	NOT DETECTED	0.0005	EPA 200.8	
Vanadium	PPM	<b>13</b>	0.0005	EPA 200.8	< SLR*
Vinyl Chloride	PPB	NOT DETECTED	0.5	EPA 524.2	
Zinc	PPM	<b>1.64</b>	0.0005	EPA 200.8	< SLR*

#### How To Read Your SimpleLab PDF Report

**MDL:** Method Detection Limit. MDL is the lowest concentration of an analyte which testing instrumentation and the analysis team is configured to measure.

- \* Good news. Your result is below the EPA Maximum Contaminant Level Goal. If no MCL-G is available, then this means your result is below the SLR for this parameter.
- \*\* Your result is within EPA limits for public water systems (lower than MCL). However, there is room for improvement. Your result exceeds the MCL-G or SLR (as indicated).
- \*\*\* Your result is above the MCL. You should consider remediation to reduce this concentration or find another source of drinking water.

#### Key Terms

**EPA** - USA Environmental Protection Agency. Sets health safety levels for public drinking water.

**MCL** - Maximum Contaminant Level. EPA requires public water systems to keep contaminant levels below this concentration.

**MCLG** - Maximum Contaminant Level Goal. EPA water health research suggests that ideally, the contaminant's concentration should remain below this level to prevent ill health effects.

**SLR** - SimpleLab Recommendation. SimpleLab, Inc. regularly reviews toxicology and public health research to determine its own recommendations, especially when MCLGs are not available.