

Water Innovation Lab



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2024 Water Quality Testing Information Sheet

No	Parameters	Method	Cost per sample	Remarks
1	Arsenic (As)	Kit	\$5.00	
2	Arsenic (As)	Spectrophotometry	\$10.00	
3	Arsenic (As)	Electrode	\$15.00	
4	Barium (Ba)	Spectrophotometry	\$10.00	
5	Cadmium (Cd)	Spectrophotometry	\$20.00	
6	Chromium (Cr)	Spectrophotometry	\$10.00	
7	Cyanide (CN ⁻)	Spectrophotometry	\$15.00	
8	Fluoride (F ⁻)	Spectrophotometry	\$7.00	
9	Lead (Pb)	Spectrophotometry	\$20.00	
10	Nickel (Ni)	Spectrophotometry	\$15.00	
11	Nitrate (NO ₃ ⁻)	Spectrophotometry	\$7.00	
12	Nitrite (NO ₂ ⁻)	Spectrophotometry	\$9.00	
13	Turbidity	Nephelometry	\$3.00	
14	Residual chlorine (Cl ₂)	Spectrophotometry	\$5.00	
15	pH	Electrometric	\$3.00	
16	Aluminum (Al)	Spectrophotometry	\$7.00	
17	Ammonia (NH ₃)	Spectrophotometry	\$5.00	
18	Chloride (Cl ⁻)	Spectrophotometry	\$7.00	
19	Copper (Cu)	Spectrophotometry	\$10.00	
20	Iron (Fe)	Spectrophotometry	\$5.00	
21	Manganese (Mn)	Spectrophotometry	\$5.00	
22	Sodium (Na)	Electrode	\$5.00	
23	Sulfate (SO ₄ ²⁻)	Spectrophotometry	\$5.00	
24	Total Dissolved Solids (TDS)	Electrode	\$3.00	
25	Zinc (Zn)	Spectrophotometry	\$15.00	
26	<i>E.coli</i>	Membrane Filtration	\$9.00	
27	Total coliform	Membrane Filtration	\$9.00	
28	Magnesium (Mg)	Spectrophotometry	\$7.00	
29	Calcium (Ca)	Titration	\$5.00	
30	Chlorine (Cl ₂), total	Spectrophotometry	\$5.00	
31	Sulfide (S ₂ ⁻)	Spectrophotometry	\$5.00	
32	Electrical Conductivity (EC)	Electrode	\$3.00	
33	Salinity	Electrode	\$3.00	
34	Temperature	Electrode	\$2.00	
35	ORP	Electrode	\$5.00	
36	Ammonium (NH ₄ ⁺)	Spectrophotometry	\$7.00	
37	Oil and Grease	USEPA Method 1664	\$13.00	
38	Dissolved Oxygen (DO)	Membrane Electrode	\$9.00	
39	Total Suspended Solid (TSS)	USEPA METHOD #: 160.2	\$7.00	
40	Chemical Oxygen Demand (COD)	Spectrophotometry	\$15.00	
41	Phosphate (PO ₄ ³⁻)	Spectrophotometry	\$7.00	
42	Silica (SiO ₂)	Spectrophotometry	\$9.00	
43	Non-carbonate hardness		\$7.00	
44	Total Solid (TS)		\$5.00	

45	Potassium (K)	Spectrophotometry	\$9.00	
46	Biochemical Oxygen Demand (BOD)	USEPA METHOD #: 405.1	\$20.00	
47	Total Nitrogen (TN)	Spectrophotometry	\$15.00	
48	Total Phosphorus (TP)	Spectrophotometry	\$12.00	
49	Hardness, Total	Titration	\$5.00	
50	Alkalinity, Total	Titration	\$6.00	
51	Phenolphthalein Alkalinity	Titration	\$5.00	
52	Carbonate (CO ₃ ²⁻)	Titration	\$7.00	
53	Bicarbonate (HCO ₃ ⁻)	Titration	\$7.00	
54	Salmonella	Membrane Filtration	\$9.00	
55	Total Plate Count	Membrane Filtration	\$9.00	
56	Total Organic Carbon (TOC)	Spectrophotometry	\$30.00	
57	Cobalt (Co)	Spectrophotometry	\$15.00	
58	Boron (B)	Spectrophotometry	\$10.00	
59	Molybdenum (Mo)	Spectrophotometry	\$15.00	
60	Aldrin	GC-MS	\$20.00	
61	p'p, DDD	GC-MS	\$18.00	
62	p'p, DDE	GC-MS	\$18.00	
63	DDT	GC-MS	\$18.00	
64	Endrin	GC-MS	\$20.00	
65	Hexachlorobenzen	GC-MS	\$25.00	
66	Heptachlor	GC-MS	\$25.00	

Laboratory office hours:

Monday to Saturday 8:00am to 12:00pm; 1:00pm to 5:00pm

Parameters, analysis methods, and price list

WIL Laboratory has the capacity to test a wide range of water quality parameters. To add any other parameters to your test, please Email us lab@wil-kh.com for a price.

Sample collection and storage

In order to ensure testing results are accurate, special sampling instructions must be followed which depend on the parameters selected for testing. These instructions can include using special sample bottles, preservation with acid, keeping the sample cold, or dropping off your bottles to the lab very quickly after collection. Select the link below for details on sample collection and storage.