

# Water Innovation Lab



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**Website:** [www.wil-kh.com](http://www.wil-kh.com)

## 2024 Industrial Water Test Information Sheet

No	Parameters	Method	Cost per sample	Remarks
1	Temperature	Electrode	\$2.00	
2	pH	Electrometric	\$3.00	
3	ORP	Electrode	\$5.00	
4	Electrical Conductivity (EC)	Electrode	\$3.00	
5	Dissolved Oxygen (DO)	Membrane Electrode	\$9.00	
6	Iron (Fe)	Spectrophotometry	\$5.00	
7	Manganese (Mn)	Spectrophotometry	\$5.00	
8	Copper (Cu)	Spectrophotometry	\$10.00	
9	Aluminum (Al)	Spectrophotometry	\$7.00	
10	Zinc (Zn)	Spectrophotometry	\$15.00	
11	Chloride (Cl <sup>-</sup> )	Spectrophotometry	\$7.00	
12	Sulfate (SO <sub>4</sub> <sup>2-</sup> )	Spectrophotometry	\$5.00	
13	Phosphate (PO <sub>4</sub> <sup>3-</sup> )	Spectrophotometry	\$7.00	
14	Silica (SiO <sub>2</sub> )	Spectrophotometry	\$9.00	
15	Nitrate (NO <sub>3</sub> <sup>-</sup> )	Spectrophotometry	\$7.00	
16	Nitrite (NO <sub>2</sub> <sup>-</sup> )	Spectrophotometry	\$9.00	
17	Ammonia (NH <sub>3</sub> )	Spectrophotometry	\$5.00	
18	Ammonium (NH <sub>4</sub> <sup>+</sup> )	Spectrophotometry	\$7.00	
19	Residual chlorine (Cl <sub>2</sub> )	Spectrophotometry	\$5.00	
20	Chlorine (Cl <sub>2</sub> ), total	Spectrophotometry	\$5.00	
21	Sulfide (S <sub>2</sub> <sup>-</sup> )	Spectrophotometry	\$5.00	
22	Hardness, Total	Titration	\$5.00	
23	Alkalinity, Total	Titration	\$6.00	
24	Phenolphthalein Alkalinity	Titration	\$5.00	
25	Carbonate (CO <sub>3</sub> <sup>2-</sup> )	Titration	\$7.00	
26	Bicarbonate (HCO <sub>3</sub> <sup>-</sup> )	Titration	\$7.00	

### 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 email us [lab@wil-kh.com](mailto: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.