

Water Innovation Lab



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2024 Irrigation Water Test Information Sheet

| No | Parameters | Method | Cost per sample | Remarks |
|----|--|--------------------|-----------------|---------|
| 1 | Temperature | Electrode | \$2.00 | |
| 2 | Dissolved Oxygen (DO) | Membrane Electrode | \$9.00 | |
| 3 | pH | Electrometric | \$3.00 | |
| 4 | ORP | Electrode | \$5.00 | |
| 5 | Electrical Conductivity (EC) | Electrode | \$3.00 | |
| 6 | Sodium (Na) | Electrode | \$5.00 | |
| 7 | Potassium (K) | Spectrophotometry | \$9.00 | |
| 8 | Magnesium (Mg) | Spectrophotometry | \$7.00 | |
| 9 | Calcium (Ca) | Titration | \$5.00 | |
| 10 | Iron (Fe) | Spectrophotometry | \$5.00 | |
| 11 | Manganese (Mn) | Spectrophotometry | \$5.00 | |
| 12 | Chloride (Cl ⁻) | Spectrophotometry | \$7.00 | |
| 13 | Sulfate (SO ₄ ²⁻) | Spectrophotometry | \$5.00 | |
| 14 | Boron (B) | Spectrophotometry | \$10.00 | |
| 15 | Nitrate (NO ₃ ⁻) | Spectrophotometry | \$7.00 | |
| 16 | Nitrite (NO ₂ ⁻) | Spectrophotometry | \$9.00 | |
| 17 | Ammonia (NH ₃) | Spectrophotometry | \$5.00 | |
| 18 | Ammonium (NH ₄ ⁺) | Spectrophotometry | \$7.00 | |
| 19 | Total Nitrogen (TN) | Spectrophotometry | \$15.00 | |
| 20 | Sulfide (S ₂ ⁻) | Spectrophotometry | \$5.00 | |
| 21 | Phosphate (PO ₄ ³⁻) | Spectrophotometry | \$7.00 | |
| 22 | Silica (SiO ₂) | Spectrophotometry | \$9.00 | |
| 23 | Total Phosphorus (TP) | Spectrophotometry | \$12.00 | |
| 24 | Hardness, Total | Titration | \$5.00 | |
| | Toxic Heavy Metals | | | |
| 25 | Arsenic (As) | Electrode | \$15.00 | |
| 26 | Barium (Ba) | Spectrophotometry | \$10.00 | |
| 27 | Cadmium (Cd) | Spectrophotometry | \$20.00 | |
| 28 | Chromium (Cr) | Spectrophotometry | \$10.00 | |
| 29 | Lead (Pb) | Spectrophotometry | \$20.00 | |
| 30 | Nickel (Ni) | Spectrophotometry | \$15.00 | |
| 31 | Copper (Cu) | Spectrophotometry | \$10.00 | |
| 32 | Zinc (Zn) | Spectrophotometry | \$15.00 | |
| 33 | Cobalt (Co) | Spectrophotometry | \$15.00 | |
| 34 | Molybdenum (Mo) | Spectrophotometry | \$15.00 | |

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 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.