



Not for use by children without adult supervision.

63008 9.23

BASIC

Code 3008-12

For additional information on water testing and water quality issues, go to these helpful websites:

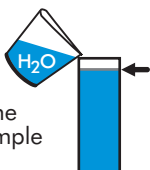
World Health Organization
who.int/topics/drinking_water/en/

European Commission Directive
ec.europa.eu/environment/water/water_drink/legislation_en.html

Australian Drinking Water Guidelines
nhmrc.gov.au/guidelines-publications/eh52

Six Tests: Total Hardness > Free Chlorine > Total Chlorine > Total Alkalinity > pH > Nitrate

1

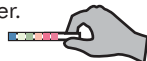


Fill plastic tube to the etched line with sample water.

2

Immerse Six Test strip (2942) for 2 seconds.

Remove with pads face up. Shake once to remove excess water.



3



Immediately compare to colour chart.

Read: Total Hardness > Free Chlorine > Total Chlorine > Total Alkalinity > pH.

4



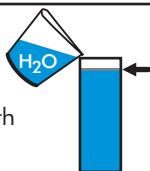
Wait 30 seconds and compare to colour chart. Read: Nitrate. Discard strip and sample.

Chloramines

Total Chlorine minus Free Chlorine = Chloramines

Copper Test

1



Fill plastic tube to the etched line with sample water.

2

Immerse Copper strip (2991). Swirl 10 times.

Remove with pads face up. Do not shake off excess water.



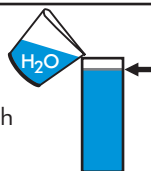
3



Wait 15 seconds and compare to colour chart. Read Copper. Discard strip after 30 seconds. Discard sample.

Iron Test

1



Fill plastic tube to the etched line with sample water.

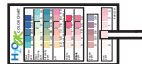
2

Immerse Iron strip (2935) for 2 seconds.

Remove with pads face up. Shake once to remove excess water.



3

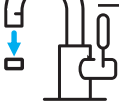



Wait 60 seconds and compare to colour chart. Read Iron. Discard strip after 90 seconds. Discard sample.

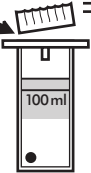
Total Coliform Bacteria Test

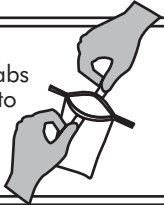
Sampling Procedure


- 1 Remove aerator screens, if possible. Wipe the entire water outlet area of the faucet and spigot with a solution of 1/8 teaspoon household bleach in 12 ounces tap water.

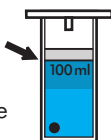

- 2 Run cold water from the cleaned tap for 5 minutes.

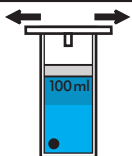

- 3 Tear off top of the WHIRL-PAK® bag at the scored line.

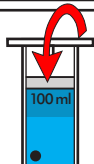

- 4 Pull the tabs outward to open the bag.

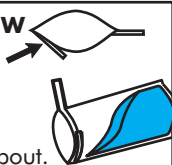

- 5 Reduce water flow to a pencil-width stream. Collect the sample in the WHIRL-PAK® bag to dechlorinate the sample.


- 6 Fill the bag to the 100 mL fill line with the tap water to dechlorinate the sample.


- 7 Pull tape wire ends to close the bag.



- 8 Roll the tape wire down 3 times to seal the bag. Shake the bag to dissolve the tablet.



- 9 **TOP VIEW** Unroll the tape wire and pull tabs to open. Fold one tape wire inward to form a pouring spout.




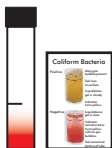
Test Procedure: Run the test for a quick screening test to determine if coliform bacteria are present.

- 10 Fill the glass tube that contains a tablet to the 10 mL line with the sample from #9 above. Replace the cap.


- 11 Stand the tube upright with the tablet flat on the bottom of the tube.


- 12 Stand the tube upright at room temperature for **exactly 48 hours. Do not disturb.** Store out of direct sunlight.


- 13 Compare the contents of the tube to the Total Coliform Bacteria Color Chart.



Coliform Test Disposal Procedure: Remove the cap and add approximately 1 mL (1/3 tsp or 20 drops) of household chlorine bleach and immediately recap. Let the tube stand upright for about 4 hours. Dispose of the closed tube in the trash. **Do not open the tube.**