



1885 North Kelly Road
 Napa, CA 94558
 Phone: (707) 258-4000
 Fax: (707) 226-1001

LAB NUMBER

COLIFORM BACTERIA ANALYSIS

SAMPLING INSTRUCTIONS:

**BOTTLE IS STERILE -
 DO NOT OPEN OR RINSE BEFORE SAMPLING**

1. Pick a water tap that is commonly used. Do not use a swivel faucet.
2. Remove any tap attachments (filters, aerators, etc.).
3. Let the water run for a full 5 to 10 minutes.
4. Clean faucet with rubbing alcohol, inside and outside.
5. Open the cold water valve to a full steady stream.
6. Hold the sample container near the bottom.

CARE MUST BE TAKEN IN THE FOLLOWING STEPS TO AVOID SPLASHING

7. Reduce the flow of water to a 'pencil' stream.
8. Remove cap without touching the neck or the inside of cap.
9. Open the sample container - carefully insert opening into the water stream - **fill the container to the 100 ml line** - recap container and tighten. **RETURN TO THE LAB WITHIN 12 HOURS.**

NOTE: 100ml of sample is required to perform this analysis accurately, therefore it is critical that the container be filled to the 100ml line.

CHAIN OF CUSTODY:

Client: _____ Phone: _____ Fax: _____
 Address: _____ Type of Payment Enclosed: _____
 Project: _____ Report ATTN: _____
 Date of Sampling: _____ Time of Sampling: _____ Sampled By: _____
 Sample Location Description: _____

Submitted By: (Print & Sign)	Date	Received By:	CSI
	Time		

RESULTS	Total Coliform	Fecal Coliform (E. Coli)
Date/Time Set: _____	PRESENT <input type="checkbox"/>	PRESENT <input type="checkbox"/>
Date/Time Read Out: _____	ABSENT <input type="checkbox"/>	ABSENT <input type="checkbox"/>
Analyst: _____		

ONLY THE STATEMENT 'TOTAL COLIFORM ABSENT' MEANS THAT THE WATER MEETS THE BACTERIAL REQUIREMENTS OF THE STATE HEALTH AND SAFETY CODES FOR POTABLE WATER.

**FEES:
 For Coliform Analysis Only**

Results available in 5 days \$45.00
 RUSH - Results faxed/verbal next day add \$20.00
 Payment must be received before analysis can begin.

- Check here if this is a next business day Rush analysis.
- Check here if this sample is used for regulatory purposes.
- Check here to have lab send copy to regulatory office.
- NCEH DOHS.SR DOHS.BERK

Please fill in your name and mailing address on the back side of this form to insure that you receive your results promptly.

If sample results indicate the presence of coliform bacteria, the following decontamination procedures have been recommended by County Environmental Health Departments:

1. If water is cloudy, pump the well until the water appears to be clear.
2. Mix one gallon household bleach containing 5.25% sodium hypochlorite to three gallons of water. Greater amounts or stronger chlorine solutions should be used for wells of more than 100 feet deep.
3. The chlorine solution is then poured into the well. It may be necessary to lift the pump, but some wells have openings which can be used for this purpose.
4. Do not operate the pump for 30 minutes. After the 30 minute period, with the taps, faucets and hydrants open or closed, surge the well by starting and stopping the pump several times.
5. Open every tap, faucet or hydrant in the water piping system, start the pump and let the water flow until clean water with a strong odor of chlorine comes out.
6. Stop the pump and close all the taps, faucets and hydrants. Do not operate the pump for 24 hours.
7. After 24 hours, open all outside taps, faucets and hydrants and let the water flow until the odor of chlorine is gone. Do not discharge heavily chlorinated water into an individual sewage disposal system.
8. A water sample for bacteriological analysis should be obtained one week or more after disinfecting the well.

NOTE: Make sure that your well is tightly sealed to keep out rodents, insects, dirt and surface water seepage. For storage tanks, use of 4 ounces of household bleach per 1000 gallons should provide 5ppm of free residual chlorine.

For additional information contact your County Health Department.



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