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SRF ID

Sample Book/Coll. Time 19:34:22 Date 19/08/2026

PATIENT ID 1026380

NAME Mr. PM SHRI K V RAIWALA CANTT

Ref. By SELF Age 2 Yrs Sex Male

Company Report Date 21/08/2026 12:30:53

LABORATORY TEST REPORT

Test Name	Result	Unit	Biological Ref Interval

MICROBIOLOGY

WATER TESTING MICROBIOLOGY

SAMPLE : RO WATER

SOURCE	PRESUMPTIVE COLIFORM COUNT (/100 ml)	INTERPRETATION
RO WATER	0	EXCELLENT

INTERPRETATION:

Presumptive coliform count/ 100 ml

0 = EXCELLENT
1 - 3 = SATISFACTORY
4 - 10 = SUSPICIOUS
> 10 = UNSATISFACTORY FOR HUMAN CONSUMPTION

SUMMARY AND EXPLANATION:

Supplies of water contaminated with sewage or other excreted matter from man & animals may cause diseases such as typhoid fever, cholera, campylobacteriosis, amoebiasis & helminthiasis. In the interests of public health, supplies of water should be tested regularly to confirm their freedom from such contamination.
It is impractical to attempt to directly detect various water borne pathogens. Instead reliance is placed on testing the water for micro-organism which indicates fecal pollution has taken place.
In themselves these bacteria may not be dangerous but their presence indicates that fecal matter has entered the water supply and the fecal bacteria have not be killed or removed by the purification process & water is therefore liable to contamination with dangerous intestinal pathogens.
Water is cultured in liquid Mac-Conkey Broth. After incubation, media is examined for bacterial growth and a coliform count is obtained using McCrady Probability Table.

LIMITATIONS:

1. We only test contamination of water by faecal coliforms and not the contamination by unwanted chemicals.
2. Some viruses and parasites which survive longer and are more resistant to chlorination than faecal coliforms may not be detected.

WATER TEST CHEMICAL

Tech.: Colorimetry

PH #	7.1		6.5 - 8.5
HARDNESS #	11	PPM	10 - 100
IRON #	0.01	PPM	0 - 0.3

 # This Test is not Accredited by NABL

Main Centre:
7-B Astley Hall,Dehradun Uttarakhand
For Appointment: 0135-2657900,2659700
Weekdays - 8:00 am to 8:00 pm
Sundays - 8:00 am to 1:00 pm
www.drahujadiagnostics.in
Note.: Pls read instructions over leaf | नोट: कृपया पीछे लिखे निर्देशों को पढें !

South Centre:
85/A Haridwar Bypass Road, Mothrowala Chowk ,Dehradun
Tel: 0135-3264957
For Appointment: 7618407900,7618407900
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Sample Book/Coll. Time 19:34:22 Date 19/08/2026

PATIENT ID 1026380

NAME Mr. PM SHRI K V RAIWALA CANTT

Ref. By SELF Age 2 Yrs Sex Male

Company Report Date 21/08/2026 12:31:04

LABORATORY TEST REPORT

Test Name	Result	Unit	Biological Ref Interval
LEAD #	0.01	PPM	0 - 0.015
TOTAL CHLORINE #	1	PPM	0 - 4
MERCURY #	0.001	PPM	0 - 0.002
NITRITE #	1	PPM	0 - 1
ZINC #	1	PPM	0 - 5
TOTAL ALKALINITY #	76	PPM	75 - 150

SUMMARY

- **pH** :- Water with a pH lower than 7 is considered acidic, and water with a pH above 8.5 is considered basic. A pH of 7 is considered pure, and a range of 6.5 - 8.5 is recommended.
- **HARDNESS** :- Hardness is the amount of dissolved calcium and magnesium. Soft water can cause corrosion of your plumbing and appliances. Hard water can cause residue buildup and difficulties using soap.
- **HYDROGEN SULFIDE** :- Hydrogen Sulfide gas occurs naturally in some ground water through decomposing organic matter such as plant decay. Drinking water with high levels of hydrogen sulfide produces a pungent roften egg smell. This can lead to nausea and stomach pain.
- **IRON** :- Iron is a naturally occurring mineral that can enter your well water through surrounding soil. It does not pose complications with your appliances.
- **LEAD** :- Lead can enter drinking water when your plumbing that contains lead corrodes. Corrosion of pipes can be caused by acidic (water low pH). Side effects include damage to the nervous system, Infertility, and decreased kudney function.
- **TOTAL CHLORINE** :- Chlorine is added to drinking water to kill disease causing pathogens. Total chlorine is the amount of Free Chlorine + Used chlorine (chloramines) in your water. Naisea, diarrhea and vomiting are common side effects of ingesting too much chlorine.
- **MERCURY** :- Mercury is a naturally occurring element that occurs from the degassing of the earth's cursed. High levels can cause kidney damaged.
- **NITRITE** :- Nitrites come from fertilizers through the runoff of water and sewage deposits. They can stimulate the growth of harmful bacteria.
- **ZINC** :- Zinc is an essential nutrient for our bodies, usually introduced into water by products such as steel production. However, exposure to high levels can lead to stomach cramps, nausea, and Vomiting.
- **TOTAL ALKALINITY** :- Alkalinity is the level of dissolved minerals in your water that help neutralize acidity. Water with low levels of alkalinity is more likely to be corrosive, and high levels can cause scaling.

*** End of Report ***

Prof. (Dr) Alok Ahuja,MD(Path&Micro)
UKMCI No.:1773

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UKMCI No.536

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