

Memo No:-469

Date:-19/05/2026

Physical/Chemical Examination Report of Water Sample

| | | | |
|--|--|-----------------------|-----------------------|
| SampleID/Classification : FBD/00639/5/2026/Private | | Sample Details | Date &Time |
| Sender : | SH.THARURAMARYAGIRLSSR. SEC. SCHOOL | Collected By | AJAY SHARMA |
| Location : | SH.THARURAMARYAGIRLSSR. SEC. SCHOOL,BHIMSEN | Collection Date | 12/05/2026 at 10:31 |
| Sample Description : | Drinking Water | Received at lab | 12/05/2026 at 16:43 |
| | | Analysis Start Date | 13/05/2026 |
| | | Analysis End Date | 13/05/2026 |
| | | Sample Quantity | 2 Litre |

Test Result (As Per BIS 10500 :2012)

| S. No. | Tested Parameter | Result | Requirement (Acceptable Limit) | Permissible Lmt. (In the Absence of Alternate Source) | Protocol Used |
|--------|---|-----------|--------------------------------------|---|--|
| 1 | Turbidity | .0.39 | 1NTU | 5NTU | APHA 24 th edition,2130B:2023 |
| 2 | Taste | Agreeable | Agreeable | Agreeable | IS3025(Part8):2023 |
| 3 | Odour | Agreeable | Agreeable | Agreeable | IS3025(Part5):2018 |
| 4 | Color | 7 | 5HazenUnits | 15HazenUnits | APHA 24 th EDITION-2120C:2023 |
| 5 | Total Dissolved Solids @ 180°C ± 2°C | 98 | 500 mg/lit. | 2000mg/lit. | APHA 24 th Edition-2540C |
| 6 | Total Hardness as CaCo3 | 70 | 200 mg/lit. | 600mg/lit. | APHA 24th Edition-2340C |
| | Calcium as Ca | 16.032 | 75 mg/lit. | 200mg/lit. | APHA 24 th Edition-3500-CaB |
| 8 | Magnesium as Mg | 7.29 | 30 mg/lit. | 100mg/lit. | APHA 24 th Edition-3500MgB |
| 9 | Total Alkalinity | 40 | 200 mg/lit. | 600mg/lit. | APHA 24 th Edition-2320B |
| 10 | Chloride as Cl | 59.97 | 250 mg/lit. | 1000mg/lit. | APHA 24 th Edition-4500Cl-B |
| 11 | Sulphate as So4 | 50 | 200 mg/lit. | 400mg/lit. | USEPA/APHA 24th-4500SO4-E |
| 12 | Fluoride as F | 0.29 | 1.0 mg/lit. | 1.5mg/lit. | APHA 24 th Edition4500F-D: |
| 13 | Iron as Fe | 0.02 | 1.0 mg/lit. | 1.0mg/lit. | USEPA45(126:43459):2023,APHA 24th EDITION 3500-Fe-B |
| 14 | Nitrate as No3 | 12.48 | 45 mg/lit. | 45 mg/lit. | APHA 24 th Edition-4500NO3D |
| 15 | pH @ 25°C | 6.96 | 6.5-8.5 | 6.5-8.5 | APHA 24 th Edition4500-H+B |

Remarks:-

- * The Results given above are related to the sample as received and tested in PHED FARIDABAD Lab.
- * The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- * The test report can't be used for any publicity or any legal purpose.
- * Reliability of water sample lies with sender/collector of water sample.
- * The test samples meant for chemical analysis will be disposed off after 7 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Sample analyzed by :

REENA, CHEMIST
DISTRICT WATER TESTING LABORATORY, FARIDABAD
email:-chemist.fbad@phedharyana.gov.in



PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, FARIDABAD

Website:-<https://phedharyana.gov.in/>

Memo No:- 476

Date:- 19/05/2026

Bacteriological Examination Report of Water Sample

| | | | |
|------------------------|--|-----------------------|------------------------|
| Sample ID: | FBD/00641/5/2026 | Sample Details | Date & Time |
| Sample Classification: | Private | Collected By | AJAY SHARMA,9958688047 |
| Sender: | SH. THARU RAM AYRYA GIRLS SR. SEC. SCHOOL | Collection Date | 12/05/2026 at 16:48 |
| Location :- | SH. THARU RAM ARYA GIRLS SR. SEC. SCHOOL, BHIMSE | Received at lab | 12/05/2026 at 16:49 |
| Latitude :- | 77.328467 | Longitude :- | 28.332087 |
| | | Tested at Lab | 19/05/2026 |

Test Result (As Per BIS10500:2012)

| S. No. | Tested Parameter | Result | Requirement (Acceptable Limit) | Protocol Used |
|--------|----------------------------|--------|--|--|
| 1 | Total Coli form per 100 ml | 0 | Shall not be detectable in any 100 ml sample | IS15185:2016/APHA9223B-2023/APHA9221C-2023 |

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Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters. Based on the tested parameters, the water sample is found "**POTABLE**"

REENA CHEMIST
PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING
LABORATORY, FARIDABAD
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-----End of Report -----.