

Memo No:- 5543

Date:- 18/06/2025

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	KNL/04517/6/2025 / Private	Sample Details	Date & Time
Sender :	Principal ,Mother Teresa Convent School	Collected By	Mother Teresa ...
Location :	, Vill Garhi Gujran VPO Kheri Mann Singh	Collection Date	17/06/2025 at 15:01
Sample Description :	Drinking Water	Received at lab	17/06/2025 at 15:04
Latitude / Longitude :	76.979651 / 29.687194	Analysis Start Date	17/06/2025
		Analysis End Date	18/06/2025
		Sample Quantity	1000ML

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	<1	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2022)
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) :1984 (RA 2022)
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) :1984 (RA 2018)
4	Color	<5	5 Hazen Units	15 Hazen Units	IS 3025 (Part 4): 2021
5	Total Dissolved Solids @ 180°C ± 2°C	440	500 mg/lit.	2000 mg/lit.	IS 3025 (Part-16) : 2023
6	Total Hardness as CaCO ₃	220	200 mg/lit.	600 mg/lit.	IS 3025 (Part-21) : 2009 (RA 2023)
7	Calcium as Ca	40	75 mg/lit.	200 mg/lit.	IS 3025 (Part-40) :1991 (RA 2023)
8	Magnesium as Mg	28.8	30 mg/lit.	100 mg/lit.	IS 3025 (Part-46) (RA 2023)
9	Total Alkalinity	230	200 mg/lit.	600 mg/lit.	IS 3025 (Part-23) : 1986 (RA 2019)
10	Chloride as Cl	55	250 mg/lit.	1000 mg/lit.	IS 3025 (Part-32) :1988 (RA 2019)
11	Sulphate as SO ₄	20	200 mg/lit.	400 mg/lit.	USEPA-8051:2017
12	Fluoride as F	0.410	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition-4500F C
13	Iron as Fe	0.02	1.0 mg/lit.	1.0 mg/lit.	USEPA-8008:2017
14	Nitrate as NO ₃	2.9	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO ₃ D
15	pH @ 25°C	7.59	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 2022

Remarks :-

- The Results Given above are related to the sample as received and tested in PHED KARNAL 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 sample lies with sender/collector of water sample.
- To check the sample report online Scan the QR Code below.
- 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: *Joginder Singh*

[Signature]
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18/06/2025