

PUBLIC HEALTH ENGINEERING DEPARTMENT
DISTRICT WATER TESTING LABORATORY, YAMUNANAGAR



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

Memo No:- 300

Date:- 16/03/2026

TC-16830

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/ Lab Ref. No. : YNR/11047/3/2026//C-1357		Sample Details	Date & Time
Classification:	Private	Sample Provided by	Ajay Gupta
Customer Ref. No. :	Memo. No. Nil Dt. : 10/03/2026	Sample Receiving at Lab	10/03/2026
Sender :	Nidhi Gupta Principal of Anand Public School	Analysis Start Date	10/03/2026
Location :	D-77, Professor Colony, Distt. Yamuna Nagar	Analysis End Date	11/03/2026
Sample Description :	Drinking Water	Sample Quantity	2 ltr
Type of Analysis :	Chemical Analysis	Source of Sample: Tap at Anand Public School, D-77, Professor Colony, Distt. Yamuna Nagar	
Packing, Marking & Seal :	Unsealed Plastic Bottle		

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Protocol Used	Unit	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)
1	Total Dissolved Solids@ 180°C ± 2°C	APHA 24 th Edition-2540 C :2023	mg/lt.	475	500	2000
2	Total Hardness as CaCo3	APHA 24 th Edition-2340 C :2023	mg/lt.	232.3	200	600
3	Calcium as Ca	APHA 24 th Edition-3500- Ca B	mg/lt.	64.76	75	200
4	Magnesium as Mg	APHA 24 th Edition-3500 Mg B	mg/lt.	17.18	30	100
5	Chloride as Cl	APHA 24 th Edition-4500 Cl -B	mg/lt.	42.43	250	1000
6	Fluoride as F	APHA 24 th Edition-4500 F C	mg/lt.	0.28	1.0	1.5
7	Nitrate as No3	APHA 24 th Edition-4500 No3 B	mg/lt.	2.37	45	45
8	pH @ 25°C	APHA 24 th Edition-4500 -H ⁺ B	pH Unit	7.24	6.5-8.5	6.5-8.5
9	Total Alkalinity	APHA 24 th Edition-2320 B	mg/lt.	211.2	200	600
10	Color	APHA 24 th Edition-2120 B /2120 C	Hazen Unit	<5	5	15
11	Odour	IS 3025 (PART-5)	Qualitative	Agreeable	Agreeable	Agreeable
12	Taste	IS 3025 (PART-8)	Qualitative	Agreeable	Agreeable	Agreeable
13	Turbidity	APHA 24 th Edition-2130 B	NTU	<1	1	5
14	Iron as Fe	USEPA 45(126.43459)	mg/lt.	<0.10	1.0	No Relaxation
15	Sulphate as So4	IS 3025 (PART 24) : 2022	mg/lt.	73	200	400

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED YAMUNA NAGAR 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.
- * The test samples meant for chemical analysis will be disposed off after 07 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Sample analyzed by: *Vaishali* & *Surinder*
(Water Analyst)

Reviewed by: *Neeraj Mehta*
Authorized Signatory/Chemist
PHED Water Testing Laboratory
Yamuna Nagar

Neeraj Mehta
(Neeraj Mehta)
Authorized Signatory/Chemist
PHED Water Testing Laboratory
Yamuna Nagar

END OF TEST REPORT

Memo No:- 306

Date:- 16/03/2026

Subject : Bacteriological Examination Report of Water Sample

Sample ID:	YNR/11046/3/2026	Sample Details	Date & Time
Sample Classification:	Private	Collected By	Ajay Gupta, 9896554484
Sender:	Nidhi Gupta Principal of Anand Public School	Collection Date	10/03/2026 at 10:40
Location :-	D-77, Professor Colony, Yamuna Nagar	Received at lab	10/03/2026 at 12:19
Latitude :- 77.293198	Longitude :- 30.141036	Tested at Lab	16/03/2026
		Source of Sample	Tap at Anand Public School, D-77, Professor Colony, Yamuna Nagar

Test Result (As Per BIS10500:2012)

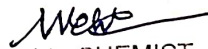
S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Protocol Used
1	Total Coliform per 100 ml	0	Shall not be detectable in any 100 ml sample	IS15185:2016/APHA9223B-2023/APHA 9221C-2023

Remarks :-

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- * To check the sample report online Scan the QR Code below.

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**"




 Neeraj Mehta, CHEMIST
 PUBLIC HEALTH ENGINEERING DEPARTMENT
 DISTRICT WATER TESTING LABORATORY YAMUNA NAGAR
 email:- chemist.yamunanagar@gmail.com

-----End of Report -----