PUBLIC HEALTH ENGINEERING DEPARTMENT

PHED Haryana

DISTRICT WATER TESTING LABORATORY ,Gurugram

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

TC-8111

Memo No:- **802** Date:- **15/09/2026**

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification :	GGN/02553/9/2026 / Private
Sender :	ST MICHAELS SCHOOL
Location :	, VATIKA KUNJ GURUGRAM RO WATER
Sample Description :	Drinking Water
Latitute / Longitude :	77.099818 / 28.353135

Sample Details	Date & Time
Collected By	AROCKIARAJ A
Collection Date	14/09/2026 at 14:00
Received at lab	14/09/2026 at 15:07
Analysis Start Date	14/09/2026
Analysis End Date	15/09/2026
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	APHA 24th Edition -2130 B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
4	Color	1	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B
5	Total Dissolved Solids @ 180°c ± 2°c	100	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo3	70	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
7	Calcium (as Ca)	16.03	75 mg/lt.	200 mg/lt.	APHA 24th Edition-3500-Ca B
8	Magnesium (as Mg)	7.29	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	50	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B
10	Chloride (as Cl)	14.99	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	30	200 mg/lt.	400 mg/lt.	USEPA / APHA 24th -4500 SO4-E
12	Fluoride (as F)	0.39	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition 4500 F-D:
13	Iron (as Fe)	0.01	1.0 mg/lt.	1.0 mg/lt.	USEPA
14	Nitrate (as No3)	11.5	45 mg/lt.	45 mg/lt.	APHA 4500-NO3- B / USEPA
15	pH @ 25°c	6.75	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B

Remarks :-

* The Results Given above are related to the sample as received and tested in PHED Gurugram 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 untill specifically requested by the customer for retaining over a longer period.

Sample analyzed by : ARUN

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