

Memo No:- 1562

Date:- 06/08/2026

Subject : Physical / Chemical Examination Report of Water Sample

TC-11949

Sample ID/Classification :	SIR/02849/7/2026 / Private	Sample Details	Date & Time
Sender :	ST FRANCIS XAVIERS SCHOOL SIRSA	Collected By	RAJAT KUMAR
Location :	, RO WATER ST FRANCIS XAVIERS SCHOOL SIRSA	Collection Date	20/07/2026 at 09:35
Sample Description :	Drinking Water	Received at lab	30/07/2026 at 17:03
Latitude / Longitude :	75.063529 / 29.529759	Analysis Start Date	30/07/2026
		Analysis End Date	03/08/2026
		Sample Quantity	1Liter

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	0.34	1 NTU	5 NTU	APHA 24th Edition -2130 B
2	Taste	AGREEABLE	Agreeable	Agreeable	IS 3025 (Part-8):1984: RA:2002
3	Odour	AGREEABLE	Agreeable	Agreeable	IS 3025 (Part-5):1983: RA:2002
4	Color	BDL	5 Hazen Units	15 Hazen Units	APHA24th Edition 2120 B
5	Total Dissolved Solids @ 180°C ± 2°C	160	500 mg/l.	2000 mg/l.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo3	70	200 mg/l.	600 mg/l.	APHA 24th Edition -2340 C
7	Calcium (as Ca)	12.024	75 mg/l.	200 mg/l.	APHA 24th Edition-3500-Ca B
8	Magnesium (as Mg)	9.72	30 mg/l.	100 mg/l.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	80	200 mg/l.	600 mg/l.	APHA 24th Edition -2320 B
10	Chloride (as Cl)	14.99	250 mg/l.	1000 mg/l.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	18	200 mg/l.	400 mg/l.	USEPA
12	Fluoride (as F)	0.170	1.0 mg/l.	1.5 mg/l.	APHA 24th Edition 4500 F-D:
13	Iron (as Fe)	0.01	1.0 mg/l.	1.0 mg/l.	USEPA
14	Nitrate (as No3)	0.5	45 mg/l.	45 mg/l.	APHA 4500-NO3- B
15	pH @ 25°C	7.48	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 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 :

SANTOSH KUMARI ,SENIOR CHEMIST
ZONAL WATER TESTING LABORATORY,
email:-Seniorchemist.hr@phedharyana.gov.in