

Memo No:- 1476

Date:- 26/11/2025

Certificate
No: TC-11949

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : SIR/03891/11/2025 / Private Sender : A V International public school sirsa Location : , RO water A V International public school sirsa Sample Description : Drinking Water Latitude / Longitude : 75.019269 / 29.533052	Sample Details	Date & Time
	Collected By	sirsa
	Collection Date	19/11/2025 at 17:13
	Received at lab	19/11/2025 at 17:26
	Analysis Start Date	19/11/2025
	Analysis End Date	20/11/2025
	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	0.32	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	84	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo3	40	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
7	Calcium as Ca	8.016	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	4.86	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	25	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
10	Chloride as Cl	7.99	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	10	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO4-E
12	Fluoride as F	0.093	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition 4500 F-D:
13	Iron as Fe	BDL	1.0 mg/lit.	1.0 mg/lit.	USEPA
14	Nitrate as No3	0.32	45 mg/lit.	45 mg/lit.	APHA 4500-NO3- B / USEPA
15	pH @ 25°C	7.22	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B
16	Free Residual Chlorine	0.0	0.2 mg/lit.	1.0 mg/lit.	IS 3025 (Part-26):2021

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 :

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