

Memo No:- 1123

Date:- 10/06/2026

**Subject : Physical / Chemical Examination Report of Water Sample**

Sample ID/Classification : KKR/01935/6/2026 / Private	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sender : Satluj Senior Secondary School	Collected By	Satluj Senior ...
Location : , Shahabad Markanda	Collection Date	09/06/2026 at 10:22
Sample Description : Drinking Water	Received at lab	09/06/2026 at 16:11
Latitude / Longitude : 76.871713 / 30.155110	Analysis Start Date	09/06/2026
	Analysis End Date	10/06/2026
	Sample Quantity	1 ltr.

**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	BDL	1 NTU	5 NTU	APHA 24th Edition 2130B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) :2018 (RA: 2022)
4	Color	<05 HU	5 Hazen Units	15 Hazen Units	IS 3025 Part 4: 2021 /APHA 24th Edition -2120 B
5	Total Dissolved Solids @ 180°C ± 2°C	65.3	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 2023 /APHA 24th Edition-2540 C
6	Total Hardness as CaCo3	40	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2023)/APHA 24th Edition-2340 C
7	Calcium as Ca	8.01	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) : 1991 (RA 2023)/APHA 24th Edition-3500 Ca B
8	Magnesium as Mg	4.86	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) : 2023 /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	30.06	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) : 1988 (RA 2019)/APHA 24th Edition- 4500-Cl B
11	Sulphate as So4	2.18	200 mg/lt.	400 mg/lt.	USEPA: 1980
12	Fluoride as F	0.15	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C/
13	Iron as Fe	0.02	1.0 mg/lt.	1.0 mg/lt.	USEPA: 1980
14	Nitrate as No3	0.29	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 D
15	pH @ 25°C	7.50	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 2022 / APHA 24th Edition-4500 -H B

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED KURUKSHETRA 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.

Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters.



Sample analyzed by :

NISHA SAINI ,CHEMIST  
DISTRICT WATER TESTING  
LABORATORY,KURUKSHETRA  
email:-chemist.kkra@phedharyana.gov.in