

Memo No:- 591

Date:- 23/06/2021

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

Sample ID:	KNL/05969/6/2021	Sample Details	Date & Time
Sample Classification:	Private	Collected By	
Sender:	Principal4737	Collection Date	23/06/2021 at 15.25
Location :-	, Gyan Bharti Public School, Indri	Received at lab	23/06/2021 at 15.30
Latitude :-	77.058016	Longitude :-	79.879453
		Tested at Lab	23/06/2021

Test Result (As Per BIS 10500 :2012)

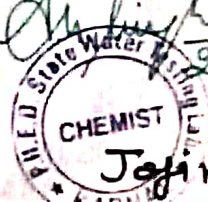
S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids	350	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 1984 (RA 2017)/ APHA2540 C; 2017
2	Total Hardness as CaCo3	210	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2019)/ APHA2340 C; 2017
3	Calcium as Ca	44	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) : 1991 (RA 2019)/ APHA3500-Ca B; 2017
4	Magnesium as Mg	24	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) : 1994 (RA 2019)/ APHA3500 Mg B; 2017
5	Iron as Fe	0.001	1.0 mg/lt.	1.0 mg/lt.	IS 3025 (Part-53) : 2003 (RA 2019)/ APHA3500-Fe B; 2017
6	Chloride as Cl	55	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) : 1988 (RA 2019)/ APHA4500 Cl-B; 2017
7	Sulphate as So4	40	200 mg/lt.	400 mg/lt.	IS 3025 (Part-24) : 1986 (RA 2019)/ APHA4500-So42-E/D; 2017
8	Fluoride as F	0.770	1.0 mg/lt.	1.5 mg/lt.	APHA 4500-F--C, D; 2017
9	Nitrate as No3	1.90	45 mg/lt.	45 mg/lt.	APHA 4500-NO3- D, B
10	pH	7.49	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 1983 (RA 2017)/ APHA4500-H+ B; 2017
11	Alkalinity	220	200 mg/lt.	600 mg/lt.	IS 3025 (Part-23) : 1986 (RA 2019)/ APHA 2320 B; 2017
12	Turbidity	0.0	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2017)/ APHA2130 B; 2017
13	Free Residual Chlorine	0.0	0.2 mg/lt.	1.0 mg/lt.	IS 3025 (Part-26):1986: RA: 2019

Remarks :-

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

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23/06/2021

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23.06.2021
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PUBLIC HEALTH ENGINEERING DEPARTMENT
STATE WATER TESTING LABORATORY, KARNAL

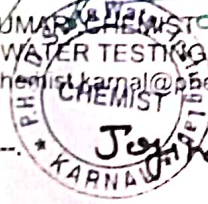
Website - <https://phedharyana.gov.in/>

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"



Amit Kumar

AMIT KUMAR CHEMIST 23.06.2021
STATE WATER TESTING LABORATORY, KARNAL
email:- chemistkarnal@phedharyana.gov.in



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

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