



Memo No:- 2314

Date:- 12/05/2022

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

Sample ID/Classification : KNL/01283/5/2022 / Private
 Sender : **Principal** BABA RAM DAS VIDYAPEETH12234
 Location : VILL. KULVEHRI, POST SUBHRI
 DISTT KARNAL
 Sample Description : Drinking Water
 Latitude / Longitude : 76.980919 / 29.687716

Sample Details	Date & Time
Collected By	BABA RAM DAS VIDYAPEETH
Collection Date	11/05/2022 at 10:14
Received at lab	12/05/2022 at 10:39
Analysis Start Date	11/05/2022
Analysis End Date	12/05/2022
Sample Quantity	1000ML

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 @ 180°C ± 2°C	582	500 mg/lit.	2000 mg/lit.	IS 3025 (Part-16) : 1984 (RA 2017)
2	Total Hardness as CaCo3	240	200 mg/lit.	600 mg/lit.	IS 3025 (Part-21) : 2009 (RA 2019)
3	Calcium as Ca	44	75 mg/lit.	200 mg/lit.	IS 3025 (Part-40) : 1991 (RA 2019)
4	Magnesium as Mg	31.2	30 mg/lit.	100 mg/lit.	IS 3025 (Part-46) : 1994 (RA 2019)
5	Iron as Fe	0.01	1.0 mg/lit.	1.0 mg/lit.	USEPA-8008:2017
6	Chloride as Cl	43	250 mg/lit.	1000 mg/lit.	IS 3025 (Part-32) : 1988 (RA 2019)
7	Sulphate as So4	61	200 mg/lit.	400 mg/lit.	USEPA-8051:2017
8	Fluoride as F	0.280	1.0 mg/lit.	1.5 mg/lit.	APHA 4500-F--C
9	Nitrate as No3	2.6	45 mg/lit.	45 mg/lit.	APHA 4500-NO3- D
10	pH @ 25°C	7.71	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 1983 (RA 2017)
11	Total Alkalinity	250	200 mg/lit.	600 mg/lit.	IS 3025 (Part-23) : 1986 (RA 2019)
12	Color	<5	5 Hazen Units	15 Hazen Units	IS 3025 (Part-4) : 1983 (RA 2017)
13	Odour	AGREEABLE	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
14	Taste	AGREEABLE	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2017)
15	Turbidity	<1	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2017)

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED 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.
- * The test samples meant for chemical analysis will be disposed off after 15 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

The Principal
Baba Ram Das Vidya Peeth
Kulvehri (Karnal)

END OF TEST REPORT

[Signature]
12.05.2022
[Signature]