

Memo No:- 30

Date:- 11/01/2022

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID:	KNL/10958/1/2022	Sample Details	Date & Time
Sample Classification:	Private	Collected By	
Sender:	PRINCIPAL MINERVA PUBLIC SCH ASSANDH,KNL9168	Collection Date	11/01/2022 at 13:48
Location :-	, R.O TREATED,ASSANDH (KARNAL)	Received at lab	11/01/2022 at 14:00
Latitude :-	76.990900	Longitude :-	76.990900, 29.686822
		Tested at Lab	11/01/2022

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	150	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 1984 (RA 2017)/ APHA2540 C; 2017
2	Total Hardness as CaCo3	100	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2019)/ APHA2340 C; 2017
3	Calcium as Ca	20	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) : 1991 (RA 2019)/ APHA3500-Ca B; 2017
4	Magnesium as Mg	12	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) : 1994 (RA 2019)/ APHA3500 Mg B; 2017
5	Iron as Fe	0.01	1.0 mg/lt.	1.0 mg/lt.	IS 3025 (Part-53) : 2003 (RA 2019)/ APHA3500-Fe B; 2017
6	Chloride as Cl	35	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) : 1988 (RA 2019)/ APHA4500 Cl-B; 2017
7	Sulphate as So4	10	200 mg/lt.	400 mg/lt.	IS 3025 (Part-24) : 1986 (RA 2019)/ APHA4500-So42-E/D; 2017
8	Fluoride as F	0.200	1.0 mg/lt.	1.5 mg/lt.	APHA 4500-F--C, D; 2017
9	Nitrate as No3	1.0	45 mg/lt.	45 mg/lt.	APHA 4500-NO3- D, B
10	pH	7.32	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 1983 (RA 2017)/ APHA4500-H+ B; 2017
11	Alkalinity	110	200 mg/lt.	600 mg/lt.	IS 3025 (Part-23) : 1986 (RA 2019)/ APHA 2320 B; 2017
12	Color	0.0	5 Hazen Units	15 Hazen Units	IS 3025 (Part-4) : 1983 (RA 2017)/ APHA 2120 C; 2017
13	Odour	0.0	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)/ APHA 2150B; 2017
14	Taste	0.0	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2017)/ APHA 2160B; 2017
15	Turbidity	0.0	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2017)/ APHA2130 B; 2017

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.

