



PUBLIC HEALTH ENGINEERING DEPARTMENT
STATE WATER TESTING LABORATORY, KARNAL-132001
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Test Report No. : 1402/10/2020	Issue Date: Memo No.: 879 Date:- 27/10/2020
Issued to: Principal S. B. S. Sr. Sec Sch. Rly, Road Karnal	Location : U/S at Sch. Campus.
Sample Type : Chemical Test	Sample collected Date & Time: 26/10/2020
	Sample received Date & Time: 26/10/2020

Test Result

S.No.	Tested Parameter	Result	Unit	Acceptable	Permissible Limit (As per IS 10500:2012)
1	Turbidity	Nil	NTU	1	5
2	Odor	Normal	---	Unobjectionable	---
3	Total Dissolve Solids	490	mg/l	500 mg/l	2000 mg/l
4	Total Hardness as CaCO ₃	240	mg/l	200 mg/l	600 mg/l
5	Calcium as Ca	56	mg/l	75 mg/l	200 mg/l
6	Magresium as Mg	24	mg/l	30 mg/l	100 mg/l
7	Chloride as Cl	55	mg/l	250 mg/l	1000 mg/l
8	Total Alkalinity	270	mg/l	200 mg/l	600 mg/l
9	Fluoride as F	0.470	mg/l	1.0 mg/l	1.5 mg/l
10	Iron as Fe	Nil	mg/l	1.0 mg/l	No Relaxation
11	Nitrate as NO ₃	2.0	mg/l	45 mg/l	No Relaxation
12	Sulphate as SO ₄	22	mg/l	200 mg/l	400 mg/l
13	pH	7.60	---	6.5-8.5	No Relaxation
14	Free Residual Chlorine	-	mg/l	0.2	1.0

The above water sample conforms to relevant IS code
B table for above tested parameters

Remarks:-

- ◆ The results given above are related to the sample as received and tested in PHED State Lab Karnal.
- ◆ The test report can't be regenerated/ re -produced in whole or part thereof without written permission of PHED State Lab Karnal.
- ◆ The test report can't be used for any publicity or any legal purpose.
- ◆ Reliability of water sample lies with sender/collector of water sample.

Jaginder Singh
Checked by

Dr. Singh
 Chemist,
 Public Health Engineering Department
 STATE WATER TESTING LABORATORY
 KARNAL

---End of Report---