

**GOVT. OF HARYANA
PUBLIC HEALTH ENGINEERING DEPARTMENT**

PUBLIC HEALTH ENGINEERING WATER TESTING LABORATORY, KARNAL-132 001

1. Sender's Address : Principal
D. A. V. Public Sch. Salwan
Chauk Assandh.

2. Source of Sample : wells at
their premises.

3. Collected on : 21/11/19 (By himself)

4. Received on : 21/11/19

5. Ref. No. : Nil Dt. 21/11/19

6. Lab No. : 4914/1119

REPORT ON PHYSICO-CHEMICAL ANALYSIS OF WATER

Memo. No. 42

Dated 22/01/2019

Sr. No.	Substance/Characteristic	Result	Desirable Limit	Maximum Permissible Limit (in absence of better alternative source)
			As per IS:10500-2012 Second Revision	
1	Colour, Hazen Units	<u>Clear</u>	5	15
2	Odour	<u>Normal</u>	Unobjectionable	
3	Taste	<u>"</u>	Agreeable	
4	Turbidity, NTU	<u>Nil</u>	1	5
5	Total Dissolved Solids, mg/1	<u>590</u>	500	2000
6	Total Hardness, mg/1	<u>300</u>	200	600
7	Calcium (as Ca), mg/1	<u>60</u>	75	200
8	Magnesium (as Mg), mg/1	<u>36</u>	30	100
9	Total Alkalinity, mg/1	<u>350</u>	200	600
10	Chloride (as Cl), mg/1	<u>85</u>	250	1000
11	Fluoride (as F), mg/1	<u>0.890</u>	1.0	1.5
12	Sulphate (as SO ₄), mg/1	<u>30</u>	200	400
13	Nitrate (as NO ₃), mg/1	<u>3.3</u>	45	45
14	Iron (as Fe), mg/1	<u>Nil</u>	0.3	0.3
15	Free Residual Chlorine, mg/1	<u>"</u>	0.2	1.0
16	pH value	<u>7.67</u>	6.5-8.5	No relaxn.
17	Total/Feacal Coliforms	<u>-</u>	Nil	Nil

OPINION

The Physico-Chemical analysis indicates that above water sample is Potable
for above tested Parameters

Jyoti Singh
LAB. ASSISTANT

[Signature]
CHEMIST
22-01-2019
Public Health Engineering Department
State Water Testing Lab, Karnal

SAVE WATER-CONSERVE WATER-DO NOT POLLUTE IT.