

**GOVT. OF HARYANA
PUBLIC HEALTH ENGINEERING DEPARTMENT
WATER TESTING LABORATORY, KARNAL-132 001**

1. Sender's Address : Principal
S. D. Maruti Nandan
Nidya mandir Nilokheri kull.

2. Source of Sample: WWS at
Sch. Campus.

3. Collected on: 30/5/19 (By himself) 4. Received on: 30/5/19

5. Ref. No. : Nil Dt. 30/5/19 5. Lab No. : 659/5/19

REPORT ON PHYSICO-CHEMICAL ANALYSIS OF WATER

Memo No. 403

Dated 31/5/19

Sr. no.	Substance/Characteristic	Result	Desirable Limit	Maximum Permissible Limit <small>(in absence of better alternative source)</small>
			As per IS:10500-1991	
1	Colour, Hazen Units	<u>Clear</u>	5	25
2	Odour	<u>Normal</u>	Unobjectionable	
3	Taste	<u>u</u>	Agreeable	
4	Turbidity, NTU	<u>Nil</u>	5	10
5	Total Dissolved Solids, mg/l	<u>294</u>	500	2000
6	Total Hardness, mg/l	<u>210</u>	300	600
7	Calcium (as Ca), mg/l	<u>40</u>	75	200
8	Magnesium (as Mg), mg/l	<u>26.4</u>	30	100
9	Alkalinity, mg/l	<u>240</u>	200	600
10	Chloride (as Cl), mg/l	<u>55</u>	250	1000
11	Fluoride (as F), mg/l	<u>0.410</u>	1.0	1.5
12	Sulphate (as SO ₄) mg/l	<u>20</u>	200	400
13	Nitrate (as NO ₃), mg/l	<u>2.1</u>	45	45
14	Iron (as Fe), mg/l	<u>Nil</u>	0.3	1.0
15	Residual Chlorine, mg/l	<u>u</u>	0.2	0.5
16	pH value	<u>7.49</u>	6.5-8.5	No. relaxn.
17	Total/Faecal Coliforms	<u>-</u>	Nil	10/Nil

OPINION

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

Jaginder Singh
LAB ASSISTANT

[Signature]
CHEMIST
Public Health Engineering Department
Water Testing Lab, Karnal

SAVE WATER-CONSERVE WATER-DO NOT POLLUTE IT.