

PUBLIC HEALTH ENGINEERING DEPARTMENT WATER TESTING LABORATORY, HISAR

Lab. No: -108C/2020

- 1. Sender's Address : Principal Datta Public School , Village Datta Distt. Hisar
- 2. Source of Sample : W/s RO Water Sample
- 3. Collected on : 11.09.2020
- 4. Received on : 11.09.2020
- 5. Ref. No. : 1601-2020
- 6. Sample Collected & Submitted by : Mahipal Singh

Dated:- 10.09.2020

Memo No: - 692

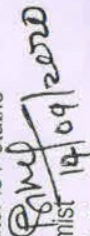
Dated:- 14.09.2020

Physico-Chemical Analysis Report

Sr. No.	Substance/Characteristic	Result	Desirable Limit	Maximum Permissible Limit (In Absence of Alternate Source)	
				As per IS:10500-2012 (second Revision)	
1	Color, Hazen Units	Colorless	5		15
2	Odour	Odorless		Unobjectionable	
3	Taste	Agreeable		Agreeable	
4	Turbidity, NTU	-----	1		5
5	Total Dissolved Solids, mg/l	175.9	500		2000
6	Total Hardness, mg/l	50	200		600
7	Calcium (as Ca), mg/l	12	75		200
8	Magnesium (as Mg), mg/l	4.8	30		100
9	Alkalinity, mg/l	40	200		600
10	Chloride (as Cl), mg/l	21	250		1000
11	Sulphate (as SO ₄), mg/l	55	200		400
12	Fluoride (as F), mg/l	0.33	1.0		1.5
13	Iron (as Fe), mg/l	0.01	0.3		1.0
14	Nitrate (as NO ₃), mg/l	2.1	45		No relaxn.
15	pH value	6.66	6.5-8.5		No relaxn.

* Reliability of sample lies with the collector/sender. The Sample is not collected by this lab.


OPINION: The Above mentioned Chemical Analysis of this water sample indicates that water is Potable


Chemist 14/09/2020
Public Health Engineering Deptt.
Water Testing Laboratory, Hisar

Endst. No

Dated:

A copy of the above is forwarded to Executive Engineer, PHE Division No.2 in reference to his office endst ,no. 30577-78 / 11.09.2020


Chemist
Public Health Engineering Deptt.
Water Testing Laboratory, Hisar