

Public Health Engineering Department

WATER TESTING RESEARCH LABORATORY SIRSA (HARYANA)

Sender's Address : Dayanand Sr. Sec. School Nathusari Chopta

Source of Sample : Tap water Dayanand Sr. Sec. School Nathusari Chopta

Collection by : Sh. Mohan Lal

Date of Collection : 09-03-2021

Date of Receipt : - 09-03-2021

Ref. No. By hand Dt. 09-03-2021

Lab No :- 36-C/2021

Memo no:- 759

Date :- 11-03-21

Drinking Water Quality Standard (is :10500)

Physico Chemical Characteristics

(I) Appearance Clear (II) Taste Normal (III) Odour Normal (IV) Turbidity Clear

(The following values are expressed as mg/l)

S.No	Parameter	Result	Acceptable	Cause for Rejection
1.	Total Dissolved solids as such (103-5c)	256	500 mg/l	2000
2.	Total Hardness (as Ca Co ₃)	120	300 mg/l	600
3.	Calcium (as Ca)	20	75 mg/l	200
4.	Magnesium (as Mg)	16.8	30 mg/l	100
5.	Total Alkafinity	40	200 mg/l	600
6.	Iron (as Fe)	Nil	0.3 mg/l	1.0
7.	Chlorides (as Cl)	70	250 mg/l	1000
8.	Sulphates (as So ₄)	Present	200 mg/l	400
9.	Fluoride (as F)	0.4	1.0 mg/l	1.5
10.	Nitrate (as NO ₃)	Nil	45 mg/l	No Relaxation
11.	pH	7.3	6.5 to 8.5	No Relaxation
12.	Residual Chlorine	Nil	0.2 ppm	1.0 ppm

OPINION

The Chemical analysis indicates that the above water sample is Potable


Chemist
Public Health Engineering
Water Testing Laboratory Sirsa