

# WATER QUALITY TESTING LABORATORY

## Ropar

### ANALYSIS REPORT FOR PHYSICAL ,CHEMICAL & BACTERIOLOGICAL EXAMINATION OF WATER SAMPLE

**PARTICULARS OF SAMPLE:**


Sample No.:

1.Name of place	Shri Guru Ram Rai Senior Secondary School, Katli (Ropar)
2.Source of Sample and its location	Tap Water
3.Whether Water chlorinated or not	.....
4.Depth & Spring level	.....
5.Date and Time of collection	21.05.2018
6.Name and designation of the person who Collect the sample	Principal Sh. S.K. Gautam
7.Date and Time of receipt of laboratory	21.05.2018
8.Type of Test	Chemical
9.Date and time of commencing of examination	

TESTS	TEST RESULTS	Desirable Limit	Permissible Limit
1. Turbidity(NTU)	0.23	1	5
2. Colour	colourless	.....	Un Objectionable
3. Taste and odour(Qualitative)	ordinary	.....	Un Objectionable
4. ph	7.80	6.5 to 8.5	No Relaxation
5. Conductivity	....	....	....
6. Total Dissolved Solids mg/l.	155	500	2000
7. Total Alkalinity (as Ca CO <sub>3</sub> )mg/l.	120	200	600
8. Total Hardness(as Ca CO <sub>3</sub> ) mg/l.	162	200	600
9. Calcium(as Ca) mg/l	56	75	250
10. Chlorides (as Cl) mg/l	54	250	1000
11. Sulphates(as SO <sub>4</sub> <sup>2-</sup> ) mg/l	.....	200	400
12. Fluorides (as F)mg/l	0.50	1	1.5
13. Nitrates(NO <sub>3</sub> )mg/l	.....	45	100
14. Iron (as Fe) mg/l	0.10	1	No Relaxation
15. Residual Chlorine(as Cl) mg/l	.....	0.2	1
16. Total Coliforms(MPN)	.....	0	No Relaxation
17. Toai Feecal Coliforms(MPN)	.....	0	No Relaxation

**Remarks:** (in view of the above analysis)

- 1) The water is potable/not potable.
- 2) The following Parameters are more than the Acceptable but less than the Cause for rejection limits.

  
 Chemist,  
 District Water Testing Laboratory,  
 W/S & Sanitation Department,  
 Ropar.

1. Sample(s) not drawn by us unless otherwise stated.
2. Sample consumed in testing.