

DISTRICT WATER TESTING LABORATORY / MOBILE WATER TESTING LABORATORY DEPARTMENT OF W/S & SANITATION, AMRITSAR (PUNJAB)

PHYSICAL & CHEMICAL ANALYSIS REPORT OF WATER SAMPLE

Particular of Sample Sri Guru Harkrishan Sr. Sample No. 32

1. Name of Place Sec. Public School, Majhwind Gopal Pura

District Block Village BATAIA Location Road A&R

2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other 3 Pump, 200 m depth.

3. Name / Designation of the person who collected the sample S. Rochal Singh Collector + submitted the sample

4. (i) Date & Time of receipt in the Lab 26-02-19

(ii) Commencement of Test 01-03-19

5. Type of Disinfection (Tick) Silver Ionization / Chlorination / None

Test	Desirable Limit	Permissible Limit	Result
1. Turbidity (NTU) Max	5.0	10	nil
2. Colour (Visual)	---	Un objectionable	Colorless
3. Taste & Odour (Qualitative)	---	Un objectionable	ordinary
4. pH	6.5 to 8.5	No relaxation	7.7
5. Total Dissolved Solids mg / l Max.	500	2000	315
6. Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	280
7. Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	308
8. Calcium (Ca), mg/l, Max.	75	200	40
9. Chloride Mg/l. Max.	250	1000	13
10. Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	---
11. Fluorides (as F), mg/l, Max	1.0	1.5	0.25
Nitrate (as NO ₃), mg/l, Max	45	100	---
13. Sulphate (as SO ₄), mg/l, Max	200	400	28
14. Iron (as Fe), mg/l	0.3	1.0	0.11

Bacteriological Parameters :

1. Test for Total Coliform by MPN method with Maconky Broth
- 10ml/
 1m/x
 C.1m/x
2. Test for Fecal Coliform by MPN method with Aq Broth (Conducted if Total Coliform present)

Report :

1. The water is potable / not potable
2. The following parameters are more than the Desirable limit but less than the permissible limit. (Sample not drawn by us. Unless and other wise stated)

[Signature]
Principal
 Sri Guru Harkrishan Sen. Sec. Public School
 Affiliated to C.B.S.E.
 Majhwind Gopal Pura (Amritsar)

[Signature]
Member Incharge
 Sri Guru Harkrishan Sen. Sec. Public School
 Affiliated to C.B.S.E.
 Majhwind Gopal Pura (Amritsar)
Mobile Water Testing Laboratory
AMRITSAR