

WATER QUALITY TESTING LABORATORY

W/S & Sanitation Department S.B.S. Nagar

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

PARTICULARS OF SAMPLE:


Sample No.: 95


1. Name of place	DAV Centenary Public School Musapur Road Nawanshahar
2. Source of Sample and its location	R.O. System (Submersible Pump)
3. Whether Water chlorinated or not	No
4. Depth & Spring level	220'
5. Date and Time of collection	19.08.2020
6. Name and designation of the person Collecting the sample	Principal Sonali Sharma DAV Centenary Public School
7. Date and Time of receipt of laboratory	19.08.2020
8. Type of Test	Chemical
9. Date and time of commencing of examination	19.08.2020

TESTS	TEST RESULTS	ACCEPTABLE	CAUSE OF REJECTION
1. Turbidity(NTU)	0.40	1	5
2. Colour	Colourless	5	25
3. Taste and odour(Qualitative)	Unobjectionable	Unobjectionable	Objectionable
4. ph	7.20	6.5 to 8.5	Sample No.:
5. Conductivity	160		
6. Total Solids mg/l	80	500	2000
7. Total Alkalinity (as Ca CO ₃)mg/l	60	200	600
8. Total Hardness(as Ca CO ₃) mg/l	70	200	600
9. Calcium(as Ca) mg/l	20	75	250
10. Chlorides (as Cl) mg/l	10	250	1000
11. Sulphates(as SO ₄ ²⁻) mg/l	-	200	400
12. Fluorides (as F)mg/l	ND	1	1.5
13. Nitrates(NO ₃)mg/l	-	45	100
14. Iron (as Fe) mg/l	ND	0.3	1.0
15. Residual Chlorine(as Cl) mg/l		0.2	1
16. Total Coliforms(MPN)		0	No Relaxation
17. Total Fecal Coliforms(MPN)		0	No Relaxation

Remarks: (in view of the above analysis)

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


Incharge
W/S & Sanitation Department
Shaheed Bhagat Singh Nagar


Chemist
W/S & Sanitation Department
Shaheed Bhagat Singh Nagar

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