

WATER QUALITY TESTING LABORATORY

(TECHNOLOGY MISSION)
KAPURTHALA

SAMPLE No. 2

**ANALYSIS REPORT FOR PHYSICAL AND CHEMICAL EXAMINATION OF WATER SAMPLE
PARTICULARS OF SAMPLE**

- | | | |
|----|----------------------------------------------------------|-------------------------------------------------|
| 1. | Name of place | G.D.R CONVENT,SR.SEC SCHOOL RAWALPINDI PHAGWARA |
| 2. | Source of the sample and its location | SUMBERSIBLE |
| 3. | Whether water chlorinated or not | - |
| 4. | Depth & Spring level | - |
| 5. | Date and time of Collection | 19.04.2021 |
| 6. | Name and designation of the Person Collecting the Sample | MR.KANWALJIT SINGH |
| 7. | Date and time of receipt at Laboratory | 19.04.2021 |
| 8. | Date and time of commencing of examination | 19.04.2021 |

TEST	TEST RESULTS	Acceptable	Causes of Rejection
1. Turbidity (NTU)	.26	1	5
2. Colour Units un Pt-Co Scale)	COLOURLESS		
3. Taste and odour (Qualitative)	ORDINARY		
4. Ph	7.56	6.5 to 8.5	6.5 to 8.5
5. Total dissolved Solids mg/l	334	500	2000
6. Total Alkalinity (as Ca CO ₃) mg/l	210	200	600
7. Total Hardness (as Ca CO ₃) mg/l	220	200	600
8. Calcium (as Ca) mg/l	24	75	200
09. Magnesium (as Mg) mg/l	-	30	150
10. Chlorides (as Mg) mg/l	27	250	1000
11. Sulphates (as So ₄ ⁻²) mg/l	-	200	400
12. Fluorides (as F ⁻²) mg/l	-	1.0	1.5
13. Nitrates (NO ₃ ⁻)	-	45	45
14. Iron (as Fe) mg/l	-	0.3	1.00
15. Residual Chlorine(as Cl) mg/l	-	.2	1.00
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
2. The following parameters are more than the 'acceptable' but less than the 'cause for rejection limits
3. The water is Potable/non Potable for the above parameters tested.
4. The person who collects the sample is fully responsible for it.

Attested

Rupa Sharma
Manager
Shri Guru Das Ram Educational Charitable
Trust & Management Society (Regd.)
Phagwara

Attested
In Charge
Water Quality Testing
Laboratory(Technology
Mission) KAPURTHALA

Principal
GDR CONVENT SR. SEC. SCHOOL
Phagwara