

DISTRICT WATER TESTING LABORATORY
Office of the Executive Engineer, Public Health Engg. Division Jabalpur M.P.

WATER TESTING REPORT

Report No. <u>94</u>	Date <u>15-2-2024</u>	District-Jabalpur	Code No. <u>-</u>
Ref. NO. <u>CCRSSJ/P-21</u>	Date <u>14-02-2024</u>	Village & Location	Block
To, <u>Christ Church Co-Ed School, Saliwada, Jabalpur (M.P.)</u>		<u>Christ Church Co-Ed School, Saliwada, Jabalpur (M.P.)</u>	
Sample Collected by <u>Geet Henry</u>	Date of collection <u>14-02-2024</u>	Source <u>Aquaguard</u>	
Date of receipt <u>14-02-2024</u>	Date of Testing <u>14-02-2024</u>	Test conducted by <u>Kawita Rajak</u>	

As per BIS 10500:2012 Reaffirmed in feb 2021 For Drinking Water

Sl no.	Characteristic	Unit	Acceptable	Cause for rejection	RESULT				
					1	2	3	4	5
PHYSICAL-TEST									
1	Turbidity	NTU	1.0	5.0	2.0				
2	Colour	Pt. Cobalt			---	---	---	---	---
3	Test & Odour	Unobjectionable	Unobjectionable		---	---	---	---	---
CHEMICAL-TEST									
4	pH	...	6.5 to 8.5	6.5 to 8.5	7.59				
5	Conductivity	p Mohs/cm	376				
6	Alkalinity	mg/l	200	600	150				
7	Chloride (As cl)	mg/l	250	1000	19				
8	Nitrates	mg/l	45	45	0.0				
9	Total Hardness (As CaCO ₃)	mg/l	200	600	280				
10	Calcium (As Ca)	mg/l	75	200	52				
11	Magnesium (As Mg)	mg/l	30	100	36				
12	Total dissolved solid	mg/l	500	2000	244				
13	Iron (As Fe)	mg/l	1.00	1.0	0.0				
14	Manganese (As Mn)	mg/l	0.10	0.30	0.0				
15	Fluoride (As F)	mg/l	1.00	1.50	0.84				
16	Sulphates As SO ₄	mg/l	200	400	0.63				
17	Residual Chlorine	mg/l	0.20	1.0	---				
BACTERIOLOGICAL-TEST									
18	Total Coliform	per 100ml	0	..	0				
19	E Coli or Thermo tolerant coliforms	per 100ml	0	..	0				

Note:- 1. As above result compared with BIS 10500:2012

2. Samples are not collected by us.

3. Not to be produced at court of law.

4. We do not take any responsibility for deviation in test result due to wrong collection of sample

P. S. Saini
Asst. CHEMIST 15-2-2024
Public Health Engg. Division
Jabalpur (M.P.)