

DISTRICT WATER TESTING LABORATORY

Office of the Executive Engineer, Public Health Engg. Division Jabalpur M.P.

WATER TESTING REPORT

Report No. <u>91</u>	Date <u>18/9/2026</u>	UID No. <u>JBP/</u>
Ref. NO. <u>ACS/2026/191</u>	Date <u>15/9/2026</u>	Village & Location
To, <u>Principal</u> <u>Aditya Convent Senior Sec. School, Gopal vihar, Damohnaka, Jabalpur</u>		1- <u>Aditya Convent Senior Sec. School, 231 Gopal vihar, Damohnaka, Jabalpur (M.P.)</u>
Sample Collected by <u>School Staff</u>	2-	
Date of collection <u>15/9/2026</u>		
Source <u>R.O. water</u>		
Date of receipt <u>15/9/2026</u>	3-	
Date of Testing <u>15/9/2026</u>		
Test conducted by <u>Kavita, Vithika, Anshu</u>		

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

Sl no.	Characteristic	Unit	Acceptable	Cause for rejection	TEST RESULT	
					1	2

PHYSICAL-TEST

1	Turbidity	NTU	1.0	5.0	<u>1.0</u>	
2	Colour	Pt. Cobalt	1.0	25.0	<u>2.0</u>	
3	Taste & Odour	Agreeable	Agreeable	Agreeable	<u>Agreeable</u>	

CHEMICAL-TEST

4	pH	...	6.5 to 8.5	6.5 to 8.5	<u>7.25</u>	
5	Conductivity	M. Mohs/cm	..	..	<u>280</u>	
6	Alkalinity	mg/l	200	600	<u>115</u>	
7	Chloride (As Cl)	mg/l	250	1000	<u>55</u>	
8	Nitrates	mg/l	45	45	<u>3.0</u>	
9	Total Hardness (As CaCO ₃)	mg/l	200	600	<u>220</u>	
10	Calcium (As Ca)	mg/l	75	200	<u>44</u>	
11	Magnesium (As Mg)	mg/l	30	100	<u>26.78</u>	
12	Total dissolved solid	mg/l	500	2000	<u>182</u>	
13	Iron (As Fe)	mg/l	1.00	1.0	<u>0.3</u>	
14	Manganese (As Mn)	mg/l	0.10	0.30	<u>0.0</u>	
15	Fluoride (As F)	mg/l	1.00	1.50	<u>0.20</u>	
16	Sulphates (As SO ₄)	mg/l	200	400	<u>0.31</u>	
17	Residual Chlorine	mg/l	0.20	1.0	<u>-</u>	

BACTERIOLOGICAL-TEST

18	Total Coliform	per 100ml	0	..	<u>0</u>	
19	E Coli or Thermo tolerant coliforms	per 100ml	0	..	<u>0</u>	

Remark:-

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

(Signature)
18/09/2026

Chemist

District Laboratory,
R.M.E.Dn. Jabalpur