

Test Report

Nature of sample :- Drinking Water Sample / Others	Not sampled by State Research Lab		Unique Identification No.	336
Sender's name and address To, RAJEEV GANDHI HR.SEC.SCHOOL E-8 TRILANGA, SHAHPURA BHOPAL (M.P)	Sender's letter no.	-	Sender's letter Date	10/08/26
	SRL Ref. No	406	SRL receipt date	10/08/26
	Date of analysis started	10/08/26	Date of analysis completed	12/08/26
	Quantity Of sample	Ok		

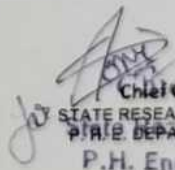
Sample details

No.	Particulars of Samples
1.	R.O WATER SAMPLE

RESULTS

Field.. Testing		Discipline..Chemical	Group..Water		Sub. Group..Drinking Water				
No.	Characteristics/ Unit	test methods	BIS -10500:2012 Reaffirmed in Sep 2022		Results				
			Desirable Limit	Permissible Limit	1	2	3	4	5
1	2	3	4	5	1	2	3	4	5
1	Colour in Hazen scale	APHA 24 th edition, 2120 B	5	15	BDL	-	-	-	-
2	Nitrate as NO ₃ mg/l	APHA 24 th edition, 4500 NO ₃ -B	45	45	3.600	-	-	-	-
3	Fluoride as F mg/l	APHA 24 th edition, 4500-F-C	1.0	1.5	0.10	-	-	-	-
4	Chloride as Cl mg/l	APHA 24 th edition, 4500 Cl-B	250	1000	25	-	-	-	-
5	Total Alkalinity as CaCO ₃ mg/l	APHA 24 th edition, 2320 B	200	600	20	-	-	-	-
6	Calcium as Ca++ mg/l	APHA 24 th edition, 3500 Ca-B	75	200	11.2	-	-	-	-
7	Magnesium as Mg++ mg/l	APHA 24 th edition, 3500 Mg-	30	100	11.04	-	-	-	-
8	Sulphate as SO ₄ mg/l	BIS:3025 Part -24 Section 1	200	400	8.23	-	-	-	-
9	pH pH Value at 25°C	APHA 24 th edition 4500-H + B	6.5 to 8.5	6.5 to 8.5	8.15	-	-	-	-
10	Turbidity in NTU	APHA 24 th edition, 2130 B	1.0	5.0	1.2	-	-	-	-
11	Total hardness as CaCO ₃ mg/l	APHA 24 th edition, 2340 C	200	600	74	-	-	-	-
12	Conductivity at 25°C (S/m)	APHA 24 th edition, 2510 B	-	-	148	-	-	-	-
13	TDS By gravimetric	APHA 24 th edition, 2540 C	500	2000	88	-	-	-	-

1. This report should not be produced partly or full without approval of signatory authority for legal purposes.-
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" in column 4, above which the sources will have to be rejected.
3. The results refer only to tested samples and parameters tested
4. Samples will be stored for a period of 15 days from the date of issue of report.
5. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.


Chief Chemist
 STATE RESEARCH LABORATORY
 P.H. DEPARTMENT BHOPAL
 P.H. Eng. Dept. Bhopal

Issue No. 460 /S.R.L./PHED/BPL /2026 Issue Date 12/08/26

1/1
End of Report

Test Report

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	Date of analysis started		Date of analysis completed	12/08/26
	Quantity Of sample		Ok	

Sample details

No.	Particulars of Samples
1.	R.O WATER SAMPLE

RESULTS

Field.. Testing		Discipline..Chemical	Group..Water		Sub. Group..Drinking Water				
No.	Characteristics/ Unit	test methods	BIS -10500:2012 Reaffirmed in Sep 2022		Results				
			Desirable Limit	Permissible Limit	1	2	3	4	5
1	2	3	4	5	25°C	-	-	-	-
1	Temperature in degree C	-	--	--	BDL	-	-	-	-
2	Iron as Fe mg/l	APHA 24 th edition, 3500-Fe B	1.0	No Relaxation	BDL	-	-	-	-
3	Manganese as Mg/l	Mn APHA 24 th edition 3500-mn-B	0.1	0.3	BDL	-	-	-	-
4	Odour	-	Objectionable	Unobjectionable	-	-	-	-	-
5	Phenolphthalein Alkalinity as CaCO ₃ mg/l	APHA 24 th edition, 2320 B	-	-	-	-	-	-	-
6	Sodium as Na mg/l	APHA 24 th edition, 3500 -Na B	-	-	-	-	-	-	-
7	Potassium as K mg/l	APHA 24 th edition, 3500 -K B	-	-	-	-	-	-	-
8	Dissolved Oxygen mg/l	-	-	-	-	-	-	-	-
9	Chemical Oxygen Demand (COD)mg/l	-	-	-	-	-	-	-	-
10	Biological Oxygen Demand (BOD) mg/l	-	-	-	-	-	-	-	-
11	Jar Test for Alum & lime dosing fixation mg/l	-	-	-	-	-	-	-	-
12	Purity of Alum	-	-	-	-	-	-	-	-
13	Purity of Lime	-	-	-	-	-	-	-	-
14	Purity of Bleaching	-	-	-	-	-	-	-	-
15	Chlorine test Demand	-	-	-	-	-	-	-	-
16	Ecoli	APHA 24 th edition, 9223 B	NIL	NIL	NIL	-	-	-	-
17	Total coliform per 100 ml	APHA 24 th edition, 9223 B	NIL for treated water and water in distribution system	NIL	-	-	-	-	-

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- Samples will be stored for a period of 15 days from the date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- This report show only Non NABL parameters.

[Signature]
Chief Chemist
State Research Laboratory,
P.H.E. DEPARTMENT BHOPAL
P.H. Eng. Dept. Enchal

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