



TC-16421

State Research Laboratory, (SRL)
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ULR No.	TC	1	6	4	2	1	2	5	0	0	0	0	0	0	6	1	4	P
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Test Report

Nature of sample :- Drinking Water Sample / Others	Not sampled by State Research Lab	Unique Identification No.	426
Sender's name and address	Sender's letter no.	Sender's letter Date	13/11/25
TO, MOUNT CARMEL CONVENT KOLAR ROAD BHOPAL	SRL Ref. No	SRL receipt date	13/11/25
	Date of analysis started	Date of analysis completed	19/11/25
	Quantity Of sample	Ok	

Sample details

No.	Particulars of Samples
1.	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
1	2	3	4	5	1	2	3	4
1	Colour in Hazen scale	-	5	15	BDL	-	-	-
2	Nitrate as NO ₃ mg/l	APHA 24 th edition, 4500 NO ₃ -B	45	45	5.840	-	-	-
3	Fluoride as F mg/l	APHA 24 th edition, 4500-F-C	1.0	1.5	0.21	-	-	-
4	Chloride as Cl mg/l	APHA 24 th edition, 4500 Cl-B	250	1000	15	-	-	-
5	Total Alkalinity as CaCO ₃ mg/l	APHA 24 th edition, 2320 B	200	600	12	-	-	-
6	Calcium as Ca ⁺⁺ mg/l	APHA 24 th edition, 3500 Ca-B	75	200	3.52	-	-	-
7	Magnesium as Mg ⁺⁺ mg/l	APHA 24 th edition, 3500 Mg-	30	100	2.01	-	-	-
8	Sulphate as SO ₄ mg/l	BIS:3025 (Part -24)	200	400	2.75	-	-	-
9	pH pH Value at 25°C	APHA 24 th edition 4500-H + B	6.5 to 8.5	6.5 to 8.5	6.37	-	-	-
10	Turbidity in NTU	APHA 24 th edition, 2130 B	1.0	5.0	1.0	-	-	-
11	Total hardness as CaCO ₃ mg/l	APHA 24 th edition, 2340 C	200	600	17.2	-	-	-
12	Conductivity at 25°C (S/m)	APHA 24 th edition, 2510 B	-	-	79	-	-	-
13	TDS By meter mg/l	APHA 24 th edition, 2510 B	500	2000	46	-	-	-

- This report should not be produced partly or full without approval of signatory authority for legal purposes.-
- 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.
- The results refer only to tested samples and parameters tested
- 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.

Reviewed By

(Sachin Yadav)

Quality manager

STATE RESEARCH LABORATORY
P. H. E. DEPARTMENT BHOPAL

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End of Report