



TC-5722

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ULR No.

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Test Report

Nature of sample :- Drinking Water Sample / Others	Not sampled by State Research Lab		Unique Identification No.	778 ✓
Sender's name and address प्रति, बाल भवन स्कूल श्यामला हिल्स भोपाल	Sender's letter no.	-	Sender's letter Date	26/03/24 ✓
	SRL Ref. No	1118	SRL receipt date	26/03/24 ✓
	Date of analysis started	26/03/24	Date of analysis completed	28/03/24 ✓
	Quantity Of sample	Ok		

## Sample details

No.	Particulars of Samples
1.	R.O water sample
2.	

## RESULTS

No.	Characteristics/ Unit	test methods	BIS -10500:2012 Reaffirmed in Sep 2022		Results			
			Desirable Limit	Permissible Limit	1	2		
1	2 3	4	5	6				
1	Colour in Hazen scale	-	5	15	NIL ✓			
2	Iron as Fe mg/l	APHA 23 <sup>nd</sup> edition, 3500-Fe B	1.0	1.0	BDL ✓			
3	Nitrate as NO <sub>3</sub> mg/l	APHA 23 <sup>nd</sup> edition, 4500 NO <sub>3</sub> -B	45	45	0.262 ✓			
4	Fluoride as F mg/l	APHA 23 <sup>nd</sup> edition, 4500-F-C	1.0	1.5	0.25 ✓			
5	Chloride as Cl mg/l	APHA 23 <sup>nd</sup> edition, 4500 Cl-B	250	1000	20 ✓			
6	Total Alkalinity as CaCO <sub>3</sub> mg/l	APHA 23 <sup>nd</sup> edition, 2320 B	200	600	52 ✓			
7	Calcium as Ca <sup>++</sup> mg/l	APHA 23 <sup>nd</sup> edition, 3500 Ca-B	75	200	16.0 ✓			
8	Magnesium as Mg <sup>++</sup> mg/l	APHA 23 <sup>nd</sup> edition, 3500 Mg-	30	100	6.72 ✓			
9	Sulphate as SO <sub>4</sub> mg/l	BIS:3025 (Part -24 )	200	400	9.24 ✓			
10	pH pH Value at 25°C	APHA 23 <sup>nd</sup> edition 4500-H + B	6.5 to 8.5	6.5 to 8.5	7.98 ✓			
11	Turbidity in NTU	APHA 23 <sup>nd</sup> edition, 2130 B	1.0	5.0	0.9 ✓			
12	Total hardness as CaCO <sub>3</sub> mg/l	APHA 23 <sup>nd</sup> edition, 2340 C	200	600	68 ✓			
13	Conductivity at 25°C (S/m)	APHA 23 <sup>nd</sup> edition, 2510 B	-	-	146 ✓			
14	TDS By meter mg/l	APHA 23 <sup>nd</sup> edition, 2510 B	500	2000	86 ✓			
15	Manganese as Mg/l	Mn APHA 23 <sup>nd</sup> edition 3500-mn-B	0.1	0.3	BDL ✓			

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.

Reviewed By

CHIEF CHEMIST  
STATE RESEARCH LABORATORY  
P. H. E. DEPARTMENT BHOPAL

Issue No. 1097 /S.R.L./PHED/BPL /2024 Issue Date 28/03/2024

Test Report

Nature of sample :- Drinking Water Sample / Others		Not sampled by State Research Lab		Unique Identification No.	778-A ✓
Sender's name and address प्रति, बाल भवन स्कूल श्यामला हिल्स भोपाल		Sender's letter no.	-	Sender's letter Date	26/03/24 ✓
		SRL Ref. No	1118	SRL receipt date	26/03/24 ✓
		Date of analysis started	26/03/24	Date of analysis completed	28/03/24 ✓
		Quantity Of sample	Ok		


Sample details

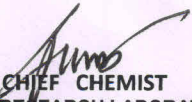
No.	Particulars of Samples
1.	R.O water sample ✓
2.	

RESULTS

No.	Characteristics/ Unit	test methods	BIS -10500:2012 Reaffirmed in Feb. 2021		Results	
			Desirable Limit	Permissible Limit	1	2
	2 3	4	5	6		
1	Temperature in degree C	-	--	--	25°C	25°C
2	Odour	-	Objectionable	Unobjectionable	-	-
3	Phenolphthalein Alkalinity as caCO <sub>3</sub> mg/l	APHA 23 <sup>rd</sup> edition, 2320 B	-	-	-	-
4	Sodium as Na mg/l	APHA 23 <sup>rd</sup> edition, 3500 - Na B	-	-	-	-
5	Potassium as K mg/l	APHA 23 <sup>rd</sup> edition, 3500 - K B	-	-	-	-
6	Dissolved Oxygen mg/l	-	-	-	-	-
7	Chemical Oxygen Demand (COD)mg/l	-	-	-	-	-
8	Biological Oxygen Demand (BOD) mg/l 5 <sup>th</sup> Day	-	-	-	-	-
9	Jar Test for Alum & lime dosing fixation mg/l	-	-	-	-	-
10	Purity of Alum	-	-	-	-	-
11	Purity of Lime	-	-	-	-	-
12	Purity of Bleaching	-	-	-	-	-
13	Chlorine test Demand	-	-	-	-	-
14	Total coliform per 100 ml	APHA 23 <sup>rd</sup> edition, 9211 B	NIL for treated water and water in distribution system	-	-	-
15	Faecal Coliform (TTC) per 100 ml	APHA 23 <sup>rd</sup> edition, 9211 B	NIL	NIL	NIL ✓	-

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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.
6. This report show only Non NABL parameters.

Reviewed By 

  
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