



TC-5722

State Research Laboratory, (SRL)
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Format No. SRL/PHED/BPL/4.1

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Test Report

Nature of sample :- Drinking Water Sample / Others		Not sampled by State Research Lab		Unique Identification No.		177 ✓			
Sender's name and address TO, MITHI GOBINDRAM PUBLIC SCHOOL SANT HIRDARAM NAGAR BHOPAL ✓		Sender's letter no.		-		Sender's letter Date		6/06/24 ✓	
		SRL Ref. No		209		SRL receipt date		6/06/24 ✓	
		Date of analysis started		6/06/24		Date of analysis completed		10/06/24 ✓	
		Quantity Of sample		Ok					

Sample details

No.	Particulars of Samples
1.	Aqua Guard Machine water sample

RESULTS

No.	Characteristics/ Unit	test methods	BIS -10500:2012 Reaffirmed in Sep 2022		Results				
			Desirable Limit	Permissible Limit	1				
1	2 3	4	5	6					
1	Colour in Hazen scale	-	5	15	NIL ✓				
2	Iron as Fe mg/l	APHA 23 rd edition, 3500-Fe B	1.0	1.0	BDL ✓				
3	Nitrate as NO ₃ mg/l	APHA 23 rd edition, 4500 NO ₃ -B	45	45	2.502 ✓				
4	Fluoride as F mg/l	APHA 23 rd edition, 4500-F-C	1.0	1.5	0.25 ✓				
5	Chloride as Cl mg/l	APHA 23 rd edition, 4500 Cl-B	250	1000	15.0 ✓				
6	Total Alkalinity as CaCO ₃ mg/l	APHA 23 rd edition, 2320 B	200	600	18.0 ✓				
7	Calcium as Ca ⁺⁺ mg/l	APHA 23 rd edition, 3500 Ca-B	75	200	4.8 ✓				
8	Magnesium as Mg ⁺⁺ mg/l	APHA 23 rd edition, 3500 Mg-	30	100	1.92 ✓				
9	Sulphate as SO ₄ mg/l	BIS:3025 (Part -24)	200	400	6.40 ✓				
10	pH pH Value at 25°C	APHA 23 rd edition 4500-H + B	6.5 to 8.5	6.5 to 8.5	6.10 ✓				
11	Turbidity in NTU	APHA 23 rd edition, 2130 B	1.0	5.0	0.8 ✓				
12	Total hardness as CaCO ₃ mg/l	APHA 23 rd edition, 2340 C	200	600	20 ✓				
13	Conductivity at 25°C (S/m)	APHA 23 rd edition, 2510 B	-	-	53 ✓				
14	TDS By meter mg/l	APHA 23 rd edition, 2510 B	500	2000	32 ✓				
15	Manganese as Mg/l	Mn APHA 23 rd edition 3500-mn-B	0.1	0.3	BDL ✓				

- 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 alternate 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

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

Issue No. 209 /S.R.L./PHED/BPL /2024 Issue Date 10/6/24

Test Report

Nature of sample :- Drinking Water Sample / Others		Not sampled by State Research Lab		Unique Identification No.		177 A	
Sender's name and address TO, MITHI GOBINDRAM PUBLIC SCHOOL SANT HIRDARAM NAGAR BHOPAL		Sender's letter no.		Sender's letter Date		6/06/24	
		SRL Ref. No		SRL receipt date		6/06/24	
		Date of analysis started		Date of analysis completed		10/06/24	
		Quantity Of sample		Ok			

Sample details

No.	Particulars of Samples
1.	Aqua Guard Machine water sample

RESULTS

No.	Characteristics/ Unit	test methods	BIS -10500:2012 Reaffirmed in Feb. 2021		Results				
			Desirable Limit 5	Permissible Limit 6	1				
1	2 3	4	5	6	25°C				
1	Temperature in degree C	-	--	--	-				
2	Odour	-	Objectionable	Unobjectionable	-				
3	Phenolphthalein Alkalinity as caCO3 mg/l	APHA 23 nd edition, 2320 B	-	-	-				
4	Sodium as Na mg/l	APHA 23 nd edition, 3500 - Na B	-	-	-				
5	Potassium as K mg/l	APHA 23 nd edition, 3500 - K B	-	-	-				
6	Dissolved Oxygen mg/l	-	-	-	-				
7	Chemical Oxygen Demand (COD)mg/l	-	-	-	-				
8	Biological Oxygen Demand (BOD) mg/l	-	-	-	-				
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 nd edition, 9211 B	NIL for treated water and water in distribution system		-				
15	Faecal Coliform (TTC) per 100 ml	APHA 23 nd edition, 9211 B	NIL	NIL	NIL				

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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.
6. This report show only Non NABL parameters.

Reviewed By

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

Issue No. 209 /S.R.L./PHED/BPL /2024 Issue Date 10/06/24

XV-OR-99

ORIGINAL

FORM M.P.T.C. 6
[See subsidiary Rule 43(1)]

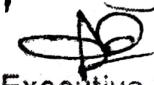
Book No. ... 14226.

Serial No. 19

RECEIPT

Dated 6/6/2010

Received from श्री गोविंदराम श्रीराम शर्मा
 with letter No. 240 श्रीरामशर्मा dated the 20
 the sum of Rupees
 in cash
 by cheque on account of 1550/-
 in. श्रीरामशर्मा श्रीरामशर्मा, Payment of 1550/-
 Rs. 1550/-


 Executive Engineer
 Security Control Unit
 Div. PHED, BHOPAL