



SHIVA TEST HOUSE

(Serving since 1988)



TC-10582

RECOGNISED AS ENVIRONMENTAL LABORATORY BY MoEFCC, GOVT. OF INDIA, UNDER ENVIRONMENT (PROTECTION) ACT 1986, DEPTT. OF INDUSTRY, FORESTS & ENVIRONMENT, GOVT. OF BIHAR AND BIHAR STATE POLLUTION CONTROL BOARD

TEST REPORT

Ref. No. STH/TR/23-24/9480	Dt: 19.02.2024	Your Work Order No. Nil	Dt: 17.02.2024
[a] Name and address of the Customer	SOUTH POINT PUBLIC SCHOOL ADD: GOPALPUR, LODIPUR MANER PATNA- 801111		
[b] Details of Sample	Water Sample marked as RO Drinking Water		
[c] Sample Collected by	Customer		
[d] Details of Sample Container (No. & Type of Container)	Polypropylene bottle (01)		
[e] Sample Quantity	2 Liters		
[f] Sample Code	DW-9480		
[g] Sample Condition on Receipt	Fit for analysis		
[h] Items required to be tested	As per request		
[i] Whether any specific Method of Test has been suggested by the customer	No		
[j] Date of receiving the sample in Laboratory	17.02.24		
[k] Analysis Start Date / Analysis Completion Date	17.02.24 / 19.02.24		

S.N.	Parameters	Unit	Method of Test	Limit as per IS 10500 : 2012		Results
				Limit (mg/l.) Acceptable	Permissible Limit in the absence of alternative source	
1	Colour	Hazen	IS 3025 (Part-4)	5	15	< 5.00
2	Odour	----	IS 3025 (Part-5)	Agreeable	Agreeable	Agreeable
3	Taste	----	IS 3025 (Part-7)	Agreeable	Agreeable	Agreeable
4	pH at 25° C	----	IS 3025 (Part-11)	6.5	8.5	7.37
5	Turbidity	NTU	IS 3025 (Part-10)	1.0	5.0	0.85
6	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	500.00	2000.00	274.0
7	Total Hardness as CaCO ₃	mg/l.	IS 3025 (Part-21)	200.00	600.00	132.0
8	Calcium as Ca	mg/l.	IS 3025 (Part-40)	75.00	200.00	31.2
9	Magnesium as Mg	mg/l.	IS 3025 (Part-46)	30.00	100.0	13.1
10	Residual Free Chlorine	mg/l.	IS 3025 (Part-26)	0.2	1	<0.1
11	Total Alkalinity as CaCO ₃	mg/l.	IS 3025 (Part-23)	200.00	600.00	188.0
12	Chloride as Cl	mg/l.	IS 3025 (Part-32)	250.00	1000.00	20.0
13	Sulphate as SO ₄	mg/l.	IS 3025 (Part-24)	200.00	400.00	20.8
14	Nitrate as NO ₃	mg/l.	IS 3025 (Part-34)	45.00	No relaxation	2.31
15	Fluoride as F	mg/l.	APHA 4500 (F D)	1.0	1.5	0.29
16	Iron as Fe	mg/l.	IS 3025 (Part-53)	1.0	No relaxation	0.16

NB: Sample Collected by Customer & Results applied to the sample as received.

SHIBESHWAR PRASAD
Digitally signed by SHIBESHWAR PRASAD
Date: 2024.02.19
14:30:36 +05'30'

Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad

Digitally signed by Shreyasee Prasad
Date: 2024.02.19
14:31:10 +05'30'

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

– END OF TEST REPORT –

- This report applies only to sample tested as above.
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Contact us : 122-C, Aastha, Road No. 5A, Patliputra Colony, Patna – 800 013 (Bihar)
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Website : www.shivatest.com ; www.shivatesthouse.com





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TEST REPORT

Ref. No. STH/TR/23-24/9480(Mcb)	Dt: 19.02.2024	Your Work Order No. Nil	Dt: 17.02.2024		
[a] Name and address of the Customer	SOUTH POINT PUBLIC SCHOOL ADD: GOPALPUR, LODIPUR MANER PATNA- 801111				
[b] Details of Sample	Water Sample marked as RO Drinking Water				
[c] Sample Collected by	Customer				
[d] No. & Type of Container	One Sterilized Glass Bottle				
[e] Sample Quantity	250 ml				
[f] Sample Code	DW-9480				
[g] Sample Condition on Receipt	Fit for analysis				
[h] Items required to be tested	As per Request				
[i] Whether any specific Method of Test has been suggested by the customer	No				
[j] Date of receiving the sample in Laboratory	17.02.24				
[k] Analysis Start Date / Analysis Completion Date	17.02.24 / 18.02.24				
S.N.	Parameters	Unit	Method of Test	Limit as per IS 10500: 2012	Results
1	Total Coliform	/ 100 ml	IS 15185: 2016*	Shall not be detectable in 100 ml.	Not Detected / 100 ml
2	E. coli	/ 100 ml	IS 15185: 2016*	Shall not be detectable in 100 ml.	Not Detected / 100 ml
N.B.*	(Water Quality – Detection and Enumeration of Escherichia coli and Coliform Bacteria – Membrane Filtration Method for Water with Low Bacterial Background Flora				



Vishal Sharma
Authorized Signatory
Mr. Vishal Sharma
Deputy Quality Manager (DQM)

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Contact us : 122-C, Aastha, Road No. 5A, Patliputra Colony, Patna – 800 013 (Bihar)

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TEST REPORT

Ref. No. STH/TR/23-24/9481	Dt: 19.02.2024	Your Work Order No. Nil	Dt: 17.02.2024
[a] Name and address of the Customer	SOUTH POINT PUBLIC SCHOOL ADD: GOPALPUR, LODIPUR MANER PATNA- 801111		
[b] Details of Sample	Water Sample marked as Borewell Water		
[c] Sample Collected by	Customer		
[d] Details of Sample Container (No. & Type of Container)	Polypropylene bottle (01)		
[e] Sample Quantity	2 Liters		
[f] Sample Code	BW-9481		
[g] Sample Condition on Receipt	Fit for analysis		
[h] Items required to be tested	As per request		
[i] Whether any specific Method of Test has been suggested by the customer	No		
[j] Date of receiving the sample in Laboratory	17.02.24		
[k] Analysis Start Date / Analysis Completion Date	17.02.24 / 19.02.24		

S.N.	Parameters	Unit	Method of Test	Limit as per IS 10500 : 2012		Results
				Limit (mg/l.) Acceptable	Permissible Limit in the absence of alternative source	
1	Colour	Hazen	IS 3025 (Part-4)	5	15	< 5.00
2	Odour	---	IS 3025 (Part-5)	Agreeable	Agreeable	Agreeable
3	Taste	---	IS 3025 (Part-7)	Agreeable	Agreeable	Agreeable
4	pH at 25° C	---	IS 3025 (Part-11)	6.5	8.5	7.41
5	Turbidity	NTU	IS 3025 (Part-10)	1.0	5.0	0.86
6	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	500.00	2000.00	342.0
7	Total Hardness as CaCO ₃	mg/l.	IS 3025 (Part-21)	200.00	600.00	214.0
8	Calcium as Ca	mg/l.	IS 3025 (Part-40)	75.00	200.00	48.0
9	Magnesium as Mg	mg/l.	IS 3025 (Part-46)	30.00	100.0	22.8
10	Residual Free Chlorine	mg/l.	IS 3025 (Part-26)	0.2	1	<0.1
11	Total Alkalinity as CaCO ₃	mg/l.	IS 3025 (Part-23)	200.00	600.00	278.0
12	Chloride as Cl	mg/l.	IS 3025 (Part-32)	250.00	1000.00	23.0
13	Sulphate as SO ₄	mg/l.	IS 3025 (Part-24)	200.00	400.00	23.7
14	Nitrate as NO ₃	mg/l.	IS 3025 (Part-34)	45.00	No relaxation	2.47
15	Fluoride as F	mg/l.	APHA 4500 (F D)	1.0	1.5	0.3
16	Iron as Fe	mg/l.	IS 3025 (Part-53)	1.0	No relaxation	0.25

NB: Sample Collected by Customer & Results applied to the sample as received.

SHIBESHWAR PRASAD
Digitally signed by SHIBESHWAR PRASAD
Date: 2024.02.19
14:30:56 +05'30'

Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad
Digitally signed by Shreyasee Prasad
Date: 2024.02.19
14:31:25 +05'30'

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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TEST REPORT

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[a] Name and address of the Customer	SOUTH POINT PUBLIC SCHOOL ADD: GOPALPUR, LODIPUR MANER PATNA- 801111				
[b] Details of Sample	Water Sample marked as Borewell Water				
[c] Sample Collected by	Customer				
[d] No. & Type of Container	One Sterilized Glass Bottle				
[e] Sample Quantity	250 ml				
[f] Sample Code	BW-9481				
[g] Sample Condition on Receipt	Fit for analysis				
[h] Items required to be tested	As per contract				
[i] Whether any specific Method of Test has been suggested by the customer	No				
[j] Date of receiving the sample in Laboratory	17.02.24				
[k] Analysis Start Date / Analysis Completion Date	17.02.24 / 18.02.24				
S.N.	Parameters	Unit	Method of Test	Limit as per IS 10500: 2012	Results
1	Total Coliform	/ 100 ml	IS 1622:1981	Shall not be detectable in 100 ml.	Not Detected / 100 ml
2	E. coli	/ 100 ml	IS 1622:1981	Shall not be detectable in 100 ml.	Not Detected / 100 ml



Vishal Sharma
 Authorized Signatory
 Mr. Vishal Sharma
 Deputy Quality Manager (DQM)

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