



STATE LEVEL WATER TESTING LABORATORY
P.H.E.D., GOVERNMENT OF BIHAR

Format No.: SLWTL/FRM/02

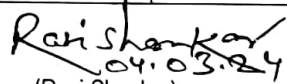
Issue No.: 63

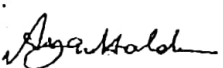
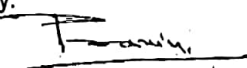
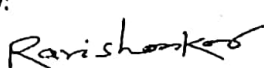
Issue Date: 04.03.2024



Certificate
No.: TC-5752

TEST REPORT

Report No: SLWTL/2024/GW-3475	ULR No.- TC57522400000063F	Date of Reporting: 04.03.2024				
Name of the Organisation/Person: Dr. Dy Patil Pushapalata Patil International School						
Location Details: Anishabad, Brahampur Road, Police Colony Phase-2 (Kurkuri), Patna-801505						
Ref Memo No: DDYPPIS/AP/126 Dated-29.02.2024	Sample Received on: 29.02.2024					
Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"): No						
Type of Sample: Ground Water	Source of Sample: Tap Water					
Volume of Sample: 1 Ltr	Type of Container: Plastic					
Mode of Preservation: Preserved	Sample Condition: Sealed					
Deviation of Method, If Any: NIL	Date of Sampling: 29.02.2024					
Date of Analysis Started: 29.02.2024	Date of Analysis Completed: 02.03.2024					
Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.						
Sl. No.	Parameters	Minimum Detection Limit	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters (APHA 23 rd Ed. 2017)	Results
1	pH Value	2.0	6.5-8.5	No relaxation	4500-H+B, 4-95 to 4-99	7.61
2	Turbidity, NTU	4.0	1	5	2130 B, 2-13 to 2-15	<4.0
3	Conductivity, μ mhos/cm	1.0	-	-	2510 B, 2-58 to 2-59	501.90
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540C, 2-69 to 2-70	326.00
5	Total Hardness(as CaCO ₃), mg/l	10.0	200	600	2340C, 2-48 to 2-50	164.00
6	Calcium(as Ca), mg/l	5.0	75	200	3500-Ca B, 3-69	41.68
7	Magnesium(as Mg), mg/l	2.0	30	100	3500-Mg B, 3-86	14.58
8	Chloride(as Cl), mg/l	5.0	250	1000	4500-Cl B, 4-75	13.99
9	Alkalinity(as CaCO ₃), mg/l	10.0	200	600	2320B, 2-37	180.00
10	Iron(as Fe), mg/l	0.01	1.0	No relaxation	3500-FeB 3-80 to 3-82	<0.01
11	Nitrate(as NO ₃), mg/l	1.0	45	No relaxation	4500-NO ₃ B, 4-127, to 4-129	<1.0
12	Sulphate(as SO ₄), mg/l	5.0	200	400	4500-SO ₄ E, 4-199 to 4-200	29.70
13	Fluoride(as F), mg/l	0.01	1.0	1.5	4500-F C, 4-90-4-92	0.21
14	Arsenic(as As), mg/l	0.005	0.01	No relaxation	3500-As A & B, 3-66 to 3-68	<0.005
Note: * (i) Drinking Water Specification Second Revision -IS: 10500:2012., ND=Not Done, NR=Not Required.						
						 (Ravi Shankar) Signature of Lab-In-charge
Copy forwarded to: (i) S.R.O, PHED, Govt. of Bihar, (ii) Engineer-in-Chief, PHED, Govt. of Bihar						Lab-in-charge SLWTL PHED, Patna Received By
1. The results are reported based on the materials received. 2. Sample will be destroyed after 15 Days from the date of issue of the test report subject to nature of preparation unless otherwise specified. 3. Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of the competent authority of the Laboratory.						
----- END OF TEST REPORT -----						

Prepared by:  Quality Manager	Approved by:  S.R.O cum Technical Manager	Issued by:  Research Assistant cum Lab-in-charge	Page 1 of 4 Revision No.: 0 Revision Date: Nil
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STATE LEVEL WATER TESTING LABORATORY
P.H.E.D., GOVERNMENT OF BIHAR

Format No.: SLWTL/FRM/02

Issue No.: 63

TEST REPORT

Issue Date: 04.03.2024

Report No: SLWTL/2024/GW-3475 Date of Reporting: 04.03.2024

Name of the Organisation/Person: Dr. Dy Patil Pushpalata Patil International School

Location Details: Anishabad, Brahampur Road, Police Colony Phase-2 (Kurkuri), Patna-801505

Ref Memo No: DDYPPPIS/AP/126 Dated-29.02.2024 Sample Received on: 29.02.2024

Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"): No

Type of Sample: Ground Water Source of Sample: Tap Water

Volume of Sample: 1 Ltr Type of Container: Plastic

Mode of Preservation: Preserved Sample Condition: Sealed

Deviation of Method, If Any: NIL Date of Sampling: 29.02.2024

Date of Analysis Started: 29.02.2024 Date of Analysis Completed: 02.03.2024

Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.

Sl. No.	Parameters	Minimum Detection Limit	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters (APHA 23 rd Ed. 2017)	Results
1	Manganese (as Mn), mg/l, Max	0.01	0.10	0.30	IS, 3025 (Part 59)	<0.01
2	Coliform Organisms, MPN/100ml	--	--	**	M-Test-Tube Technique	Absent

Note: * (i) Drinking Water Specification Second Revision -IS: 10500:2012.,ND=Not Done, NR=Not Required.
**Shall not be detectable in any 100 ml sample

Ravi Shankar
04.03.24
(Ravi Shankar)

Signature of Lab-In-charge

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Lab-in-charge
SLWT^I PHED, Patna

Received By

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----- END OF TEST REPORT -----

Prepared by: <i>Ajay Khatun</i> Quality Manager	Approved by: <i>Franz</i> S.R.O cum Technical Manager	Issued by: <i>Ravi Shankar</i> Research Assistant cum Lab-In-charge	Page 2 of 4 Revision No.: 0 Revision Date: Nil
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Format No.: SLWTL/FRM/02

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Certificate
No.: TC-5752

TEST REPORT

Issue Date: 04.03.2024

Report No: SLWTL/2024/GW-3476 ULR No.- TC57522400000063F Date of Reporting: 04.03.2024

Name of the Organisation/Person: Dr. Dy Patil Pushapalata Patil International School

Location Details: Anishabad, Brahampur Road, Police Colony Phase-2 (Kurkuri), Patna-801505

Ref Memo No: DDYPPPIIS/AP/126 Dated-29.02.2024 Sample Received on: 29.02.2024

Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"): No

Type of Sample: Ground Water Source of Sample: R.O Water

Volume of Sample: 1 Ltr Type of Container: Plastic

Mode of Preservation: Preserved Sample Condition: Sealed

Deviation of Method, If Any: NIL Date of Sampling: 29.02.2024

Date of Analysis Started: 29.02.2024 Date of Analysis Completed: 02.03.2024

Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.

Sl. No.	Parameters	Minimum Detection Limit	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters (APHA 23 rd Ed. 2017)	Results
1	pH Value	2.0	6.5-8.5	No relaxation	4500-H+B, 4-95 to 4-99	7.54
2	Turbidity, NTU	4.0	1	5	2130 B, 2-13 to 2-15	<4.0
3	Conductivity, μ mhos/cm	1.0	-	-	2510 B, 2-58 to 2-59	477.10
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540C, 2-69 to 2-70	310.00
5	Total Hardness(as CaCO ₃), mg/l	10.0	200	600	2340C, 2-48 to 2-50	152.00
6	Calcium(as Ca), mg/l	5.0	75	200	3500-Ca B, 3-69	38.47
7	Magnesium(as Mg), mg/l	2.0	30	100	3500-Mg B, 3-86	13.60
8	Chloride(as Cl), mg/l	5.0	250	1000	4500-Cl B, 4-75	11.99
9	Alkalinity(as CaCO ₃), mg/l	10.0	200	600	2320B, 2-37	172.00
10	Iron(as Fe), mg/l	0.01	1.0	No relaxation	3500-FeB 3-80 to 3-82	<0.01
11	Nitrate(as NO ₃), mg/l	1.0	45	No relaxation	4500-NO ₃ B, 4-127, to 4-129	<1.0
12	Sulphate(as SO ₄), mg/l	5.0	200	400	4500-SO ₄ E, 4-199 to 4-200	39.90
13	Fluoride(as F), mg/l	0.01	1.0	1.5	4500-F C, 4-90-4-92	0.15
14	Arsenic(as As), mg/l	0.005	0.01	No relaxation	3500-As A & B, 3-66 to 3-68	<0.005

Note: * (i) Drinking Water Specification Second Revision -IS: 10500:2012., ND=Not Done, NR=Not Required.

Ravi Shankar
04.03.24
(Ravi Shankar)

Signature of Lab-In-charge

Lab-in-charge

SLWTL P.H.E.D. Patna


Received By

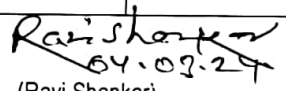
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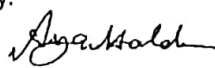
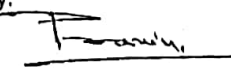
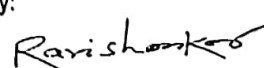
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Prepared by: <i>Ayaz Khatun</i> Quality Manager	Approved by: <i>Franz</i> S.R.O cum Technical Manager	Issued by: <i>Ravi Shankar</i> Research Assistant cum Lab-in-charge	Page 3 of 4
			Revision No.: 0
			Revision Date: Nil

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