
	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02	 Certificate No.: TC-5752
		Issue No.: 148	
	TEST REPORT		

Report No: SLWTL/2024/GW-7537	ULR No.- TC575224000000148F	Date of Reporting: 29.04.2024
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Name of the Organisation/Person: Pramba International School
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Location Details: Simli, Malsalami, Patna-800008
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Ref Memo No: Nil	Sample Received on: 24.04.2024
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Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"):No
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Type of Sample: Ground Water	Source of Sample: R.O Water
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Volume of Sample: 1 Ltr.	Type of Container: Plastic
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Mode of Preservation: Preserved	Sample Condition: Sealed
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Deviation of Method, If Any: NIL	Date of Sampling: 24.04.2024
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Date of Analysis Started: 25.04.2024	Date of Analysis Completed: 27.04.2024
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Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.
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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	7.50
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	90.40
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540C, 2-69 to 2-70	58.00
5	Total Hardness(as CaCO ₃), mg/l	10.0	200	600	2340C, 2-48 to 2-50	32.00
6	Calcium(as Ca), mg/l	5.0	75	200	3500-Ca B, 3-69	9.61
7	Magnesium(as Mg), mg/l	2.0	30	100	3500-Mg B, 3-86	1.94
8	Chloride(as Cl), mg/l	5.0	250	1000	4500-Cl B, 4-75	7.99
9	Alkalinity(as CaCO ₃), mg/l	10.0	200	600	2320B, 2-37	34.00
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	5.40
13	Fluoride(as F), mg/l	0.01	1.0	1.5	4500-F C, 4-90 -4-92	0.03
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


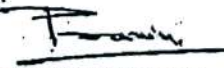

Copy forwarded to: (i) S.R.O , PHED, Govt. of Bihar, (ii) Engineer-in-Chief, PHED, Govt. of Bihar


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 2 Revision No.: 0 Revision Date: Nil
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Name of the Organisation/Person: Pramba International School
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Location Details: Simli, Malsalami, Patna-800008
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Ref Memo No: Nil	Sample Received on: 24.04.2024
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Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"):No
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Type of Sample: Ground Water	Source of Sample: R.O Water
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Volume of Sample: 250 ml.	Type of Container: Plastic
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Mode of Preservation: Preserved	Sample Condition: Sealed
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Deviation of Method, If Any: NIL	Date of Sampling: 24.04.2024
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Date of Analysis Started: 25.04.2024	Date of Analysis Completed: 27.04.2024
--------------------------------------	--

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

Ravishankar
 29.04.24
 (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 P.H.E.D. Patna

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

Priya Awasthi

Principal

Pramba International School

Prepared by: <i>Angela K. Saha</i> Quality Manager	Approved by: <i>P. Saha</i> S.R.O cum Technical Manager	Issued by: <i>Ravishankar</i> Research Assistant cum Lab-in-charge	Page 2 of 2
			Revision No.: 0
			Revision Date: Nil