
	STATE LEVEL WATER TESTING LABORATORY P.H.E.D., GOVERNMENT OF BIHAR	Format No.: SLWTL/FRM/02	 TC-15876
		Issue No.: 378	
	TEST REPORT		

Report No: SLWTL/2025/GW-12851	ULR No.- TC1587625000000378F	Date of Reporting: 01.08.2025
Name of the Organisation/Person: Birla Open Minds International School Punpun		
Location Details: Post – Parthu, P.S – Pipra Punpun, Patna – 804453		
Ref Memo No: 101/2025-26, Dated- 28.07.2025	Sample Received on: 28.07.2025	
Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15") : Yes		
Type of Sample: Ground Water	Source of Sample: Water Cooler	
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: 28.07.2025	
Date of Analysis Started: 28.07.2025	Date of Analysis Completed: 31.07.2025	

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	Results
1	pH Value	2.0	6.5-8.5	No relaxation	4500-H*B, APHA 24 th Ed. 2023	6.63
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24 th Ed. 2023	<1.0
3	Conductivity, μ mhos/cm	5.0	-	-	2510 B, APHA 24 th Ed. 2023	165.30
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	106.00
5	Total Hardness (as CaCO ₃), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	92.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	28.85
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	4.86
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	7.99
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	84.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.07
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO ₃ B, APHA 24 th Ed. 2023	<0.5
12	Sulphate (as SO ₄), mg/l	5.0	200	400	4500-SO ₄ ²⁻ E, APHA 24 th Ed. 2023	12.0
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.52
14	Arsenic (as As), mg/l	0.010	0.01	No relaxation	3500-As B, APHA 24 th Ed. 2023	<0.010

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

Ravi Shankar
01.08.25
(Ravi Shankar)

Signature of Lab-In-charge

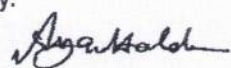
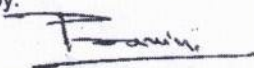
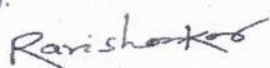
Copy forwarded to: (i) S.R.O, PHED, Govt. of Bihar.

Lab-In-charge
SLWTL P.H.E.D., 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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