



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

Format No.: SLWTL/FRM/02

Issue No.: 338



TC-15876

TEST REPORT

Issue Date: 23.07.2025

Report No: SLWTL/2025/GW-11456 ULR No.- TC158762500000338F Date of Reporting: 23.07.2025

Name of the Organisation/Person: Destiny International School

Location Details: At - Sadalichak, P.O. - Mittanchak, Patna - 804453

Ref Memo No: DIS/25-26, Dated- 17.07.2025

Sample Received on: 19.07.2025

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: 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: 19.07.2025

Date of Analysis Started: 19.07.2025

Date of Analysis Completed: 22.07.2025

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	6.98
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24 th Ed. 2023	<1.0
3	Conductivity, μ hos/cm	5.0	-	-	2510 B, APHA 24 th Ed. 2023	469.40
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	304.00
5	Total Hardness (as CaCO ₃), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	252.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	60.92
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	24.30
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	9.99
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	272.00
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	9.60
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.41
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
23.07.25
(Ravi Shankar)

Signature of Lab-In-charge

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

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

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 -----

Abinav Kumar Singh
Manager

DESTINY INTERNATIONAL SCHOOL
Affiliated To C.B.S.E

Dilip Kumar
23.07.25
Principal


DESTINY INTERNATIONAL SCHOOL
Affiliated To C.B.S.E

Prepared by: *Abinav Kumar Singh*
Quality Manager

Approved by: *Franklin*
S.R.O cum Technical Manager

Issued by: *Ravi Shankar*
Research Assistant cum Lab-in-charge

Page 1 of 1
Revision No.: 0
Revision Date: Nil

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Name of the Organisation/Person: Destiny International School

Location Details: At – Sadallichak, P.O. – Mittanchak, Patna – 804453

Ref Memo No: DIS/25-26, Dated- 17.07.2025 Sample Received on: 19.07.2025

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: R.O Water

Volume of Sample: 250 ml. Type of Container: Plastic

Mode of Preservation: Preserved Sample Condition: Sealed

Deviation of Method, If Any: NIL Date of Sampling: 19.07.2025

Date of Analysis Started: 19.07.2025 Date of Analysis Completed: 22.07.2025

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	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	<0.01

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
23.07.25
(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

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

Abinash Kumar Singh
Manager
DESTINY INTERNATIONAL SCHOOL
Affiliated To C.B.S.E
Affiliation No: 330758 School Code-65760

Dilip Kumar
28.7.25
Principal
DESTINY INTERNATIONAL SCHOOL
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Prepared by: <i>Abinash Kumar Singh</i> Quality Manager	Approved by: <i>Franklin</i> S.R.O cum Technical Manager	Issued by: <i>Ravi Shankar</i> Research Assistant cum Lab-in-charge	Page 2 of 2 Revision No.: 0 Revision Date: Nil
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पत्रांक 375 पटना / दिनांक 26/07/2025

प्रेषक,

शोध पदाधिकारी
(वरीय अनुसंधान पदाधिकारी)
राज्य स्तरीय जल जाँच प्रयोगशाला,
छज्जुबाग, पटना।

सेवा में,

Principal,
Destiny International School
At – Sadallichak, P.O. – Mittanchak,
Patna – 804453

विषय :- जल जाँच प्रतिवेदन निर्गत करने के संबंध में।

प्रसंग :- आपका पत्रांक – DIS/25-26, दिनांक – 17.07.2025

महाशय,

उपरोक्त प्रासंगिक पत्र के आलोक में कुल 01 अदद जल नमूना का सभी पारामीटर जाँच हेतु राज्य स्तरीय जल जाँच प्रयोगशाला द्वारा जल संग्रह किया गया था। जिसके आलोक में जल जाँच कर जाँचोपरांत जाँच प्रतिवेदन इस पत्र के साथ संलग्न कर भेजी जा रही है।

अनु० :- यथोपरि।

विश्वासभाजन

शोध पदाधिकारी

(वरीय अनुसंधान पदाधिकारी)

राज्य स्तरीय जल जाँच प्रयोगशाला,
छज्जुबाग, पटना।

Abinav / K. S. S. S.

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Dilip K. S.

28-7-25

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