



बिहार सरकार

**Office of Executive Engineer
P.H. Division, Arwal**



E-mail —arwalphed@yahoo.in

☎: 06337-229306

Letter No.:- 227

Dated:- 17 / 02 / 2026

From

Executive Engineer
P.H. Division, Arwal.

To

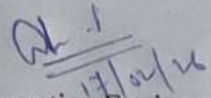
The Principal
Himalayan Residential School
Arwal.

Subject: - **Water testing report of submitted sample.**

Ref: - **Submitted samples reference- Letter no.-HRS/322/2026, Dated- 12.02.2026**

Sir,

Regarding reference subject informing you that Water Testing Report of yours samples submitted on dated-12.02.2026 to District Water Testing Laboratory is being sent to you attaching with the letter.


Executive Engineer
P.H. Division, Arwal.



Govt. of Bihar
DISTRICT LEVEL WATER TESTING LABORATORY ARWAL
PHED, ARWAL

DOC NO : ARL /SAMP/05/00

Near Block office more, pin 804401

Email:arwalphed@yahoo.in



Name & Address Of the Customer	Report No.	ARL/W/2025-26/R/192
Principle, Himalayan Residential School, Main road Baldrabad, Umairabad, (Arwal)	Date of Reporting	17.02.2026
Block: Arwal	Sample No.	ARL/W/2025-26/192
Panchayat: -	Sample Description	Drinking Water
Village: -	Sample Mark/ Location	Hand pump, sakchhnik Bhawan
Habitation: -	Sample Submitted On	12.02.2026
Ward No.: -	Sample Submitted by	Principal, Himalayan Residential School
	Date of completion of testing	16.02.2026
	Ref No. Date	HRS/322/2026 DATED

Analysis Result

Sl. No.	Test Parameter	Test Method	IS 10500:2012Amd. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Colour (HU)	IS 3025 (Part 4) : 2021	5	15	<5
2	Odour	IS 3025 (Part 5) : 2018	Agreeable	NR	Agreeable
3	Taste	IS 3025 (Part 8) : 2023	Agreeable	NR	Agreeable
4	pH at 25 °C	IS 3025(Part 11) : 2022	6.5	8.5	6.87
5	Turbidity (NTU)	IS 3025(Part 10) : 2023	1	5	1.04
6	TDS (mg/l)	IS 3025(Part 16) : 2023	500	2000	252
7	Total Hardness (mg/l)	APHA 24 th Edition, 2340 C:2023	200	600	178.20
8	Calcium (mg/l)	APHA 24 th Edition, 3500 Ca B:2023	75	200	42.85
9	Magnesium (mg/l)	APHA 24 th Edition, 3500 Mg method B (by calculation):2023	30	100	17.32
10	Chloride (mg/l)	IS 3025(Part 32) : 2019	250	1000	31.30
11	Total Alkalinity (mg/l)	IS 3025(Part 23) : 2023	200	600	129.28
12	Fluoride as F (mg/l)	APHA 24th Edition-4500-F Method C (electrode method) : 2023	1.0	1.5	0.24

End Of Report

Disclaimer:

- The result relates only to the item(s) tested.
- The report shall not be reproduced except in full, without approval of the laboratory.
- The reserved part of water sample(s) shall be retained for 15 days from the date of issue of the report.
- The results apply to the sample as received.

For District Level water testing Laboratory, Arwal

Reviewed & Authorised By

Name : Sunil Kumar

(Authorised Signatory)



Govt. of Bihar
DISTRICT LEVEL WATER TESTING LABORATORY ARWAL
PHED, ARWAL

Near Block office more, pin 804401
Email: arwalphed@yahoo.in

DOC NO : ARL/SAMP/05/00

Name & address of customer - Principal, Himalayan Residential School main road Baidrabad, Umairabad (Arwal) Block: Arwal Panchayat: Village: Habitation: - Ward No.: -	Report No. Date of Reporting Sample No. Sample Description Sample Mark/ Location Sample Submitted On Sample Submitted by Date of completion of testing Ref No. Date	ARL/W/2025-26/R/192 17.02.2026 ARL/W/2025-26/192 Drinking Water Hand Pump, sakchhnik Bhawan 12.02.2026 Principle, Himalayan Residential School 16.02.2026 HRS/322/2026 Dated 12.02.2026
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Analysis Result

Sl. No.	Test Parameter	Test Method	IS 10500:2012 Amd. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Iron	APHA:3500 Fe B:2023	1.0 mg/l	NR	0.13
2	Nitrate	APHA:4500 No3 B:2023	45 mg/l	NR	3.76
3	Sulphate	APHA:4500 So4 E:2023	200 mg/l	400 mg/l	28.16
4	MPN	Kit method (H2s Vials)	-	-	-ve

End Of Report

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For District Level water testing Laboratory, Arwal

Reviewed & Authorised By

17.2.26

Name: Sunil kumar
(Authorised Signatory)



Govt. of Bihar
DISTRICT LEVEL WATER TESTING LABORATORY ARWAL
PHED, ARWAL

Near Block office more, pin 804401

DOC NO : ARL/JSARW/JS/00

Email: arwalphed@yahoo.in

Name & Address Of the Customer	Report No.	ARL/W/2025-26/R/193
Principal, Himalayan Residential School, Main road Buldrabail, Umairabad, (Arwal)	Date of Reporting	17.02.2026
Block: Arwal	Sample No.	ARL/W/2025-26/193
Panchayat: -	Sample Description	Drinking Water
Village: -	Sample Mark/ Location	Hand pump, vidyalaya prisar
Habitatation: -	Sample Submitted On	12.02.2026
Ward No.: -	Sample Submitted by	Principal, Himalayan Residential School
	Date of completion of testing	16.02.2026
	Ref No. Date	HRS/322/2026 DATED

Analysis Result

Sl. No.	Test Parameter	Test Method	IS 10500:2012 Amd. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Colour (HU)	IS 3025 (Part 4) : 2021	5	15	<5
2	Odour	IS 3025 (Part 5) : 2018	Agreeable	NR	Agreeable
3	Taste	IS 3025 (Part 8) : 2023	Agreeable	NR	Agreeable
4	pH at 25 °C	IS 3025 (Part 11) : 2022	6.5	8.5	6.91
5	Turbidity (NTU)	IS 3025 (Part 10) : 2023	1	5	1.16
6	TDS (mg/l)	IS 3025 (Part 16) : 2023	500	2000	354
7	Total Hardness (mg/l)	APHA 24 th Edition, 2340 C:2023	200	600	253.44
8	Calcium (mg/l)	APHA 24 th Edition, 3500 Ca B:2023	75	200	60.31
9	Magnesium (mg/l)	APHA 24 th Edition, 3500 Mg method B (by calculation):2023	30	100	25.01
10	Chloride (mg/l)	IS 3025 (Part 32) : 2019	250	1000	58.70
11	Total Alkalinity (mg/l)	IS 3025 (Part 23) : 2023	200	600	137.36
12	Fluoride as F (mg/l)	APHA 24th Addition-4500-F Method C (electrode method) : 2023	1.0	1.5	0.20

End Of Report

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- The results apply to the sample as received.

For District Level water testing Laboratory, Arwal

Reviewed & Authorised By

Name : Sumit Kumar

(Authorised Signatory)



Govt. of Bihar
DISTRICT LEVEL WATER TESTING LABORATORY ARWAL
PHED, ARWAL DOC NO : ARL /SAMP/05/00
Near Block office more, pin 804401
Email: arwalphed@yahoo.in

Name & address of customer - Health officer Principal, Himalayan Residential School main road Baldrabad, Umairabad (Arwal)	Report No.	ARL/W/2025-26/R/193
Block: Arwal	Date of Reporting	17.02.2026
Panchayat:	Sample No.	ARL/W/2025-26/193
Village:	Sample Description	Drinking Water
Habitation:	Sample Mark/ Location	Hand Pump, Vidhyalay prisar
Ward No.:	Sample Submitted On	12.02.2026
	Sample Submitted by	Principle, Himalayan Residential School
	Date of completion of testing	16.02.2026
	Ref No. Date	HRS/322/2026 Dated 12.02.2026

Analysis Result

Sl. No.	Test Parameter	Test Method	IS 10500:2012 Amd. 1 & 2		Result
			Acceptable Limit	Permissible Limit	
1	Iron	APHA:3500 Fe B:2023	1.0 mg/l	NR	0.15
2	Nitrate	APHA:4500 No3 B:2023	45 mg/l	NR	13.88
3	Sulphate	APHA:4500 So4 E:2023	200 mg/l	400 mg/l	50.34
4	MPN	Kit method (H2s Vials)	-	-	-ve

****End Of Report****

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For District Level water testing Laboratory,, Arwal

Reviewed & Authorised By

[Signature]
17.2.26

Name : Sunil kumar

(Authorised Signatory)

सेवा में,

कार्यपालक अभियंता P.H.E.D. (अरवल)

विषय :- पानी जाँच हेतु सेम्पल भेजने एवं प्रमाण पत्र निर्गत करने के संबंध में

महाशय,

उपयुक्त विषय के संबंध में कहना है की स्वच्छ मिशन (स्वच्छ पेयजल) अभियान के तहत विद्यालय में उपलब्ध जल का जांच अनिवार्य है। जांच हेतु विद्यालय से 02 (दो) sample bottle पानी भेजा जा रहा है जिसका विवरण निम्नवत है।

बोतल संख्या

स्थान

किस प्रकार का

01

शैक्षणिक भवन

चापाकल

02

विद्यालय परिसर,

चापाकल

विश्वासभाजन

B. P. Sharma

Principal

Hindayani Residential School

Aff. M. C.B.S.E. New Delhi Aff. No. 330535

(Main Road, Gurgaon, Haryana)

HRS