

Memo No:-

Date:-

**Subject : Bacteriological Examination Report of Water Sample**

Sample ID:	PKL/01868/6/2025	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sample Classification:	Private	Collected By	Yashwardhan Si...,9485983111
Sender:	Yashwardhan Singh Atri	Collection Date	04/06/2025 at 13:01
Location :-	, Warriors Boarding School, Near Samanwa, Bagwall, Pk	Received at lab	04/06/2025 at 13:10
Latitude :-	77.017293	Longitude :-	30.514370
		Tested at Lab	06/06/2025

**Test Result (As Per BIS 10500 :2012)**

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Protocol Used
1	Total Coliform per 100 ml	0	Shall not be detectable in any 100 ml sample	IS 15185:2016/APHA 9223B-2023/APHA 9221C-2023

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PANCHKULA lab.
- \* The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- \* The test report can't be used for any publicity or any legal purpose.
- \* Reliability of water sample sample lies with sender/collector of water sample.
- \* To check the sample report online Scan the QR Code below.

Water Sample has been found "CONFORMING " to Limits set in BIS10500:2012 for the tested parameters. Based on the tested parameters, the water sample is found "POTABLE"



*Soni*  
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—End of Report—

Memo No:- 860

Date:- 18/06/2025

Subject : Physical / Chemical Examination Report of Water Sample

		Sample Details	Date & Time
Sample ID/Classification :	PKL/02209/6/2025 / Private	Collected By	Bhagirath
Sender :	Bhagirath	Collection Date	17/06/2025 at 10:15
Location :	Warriors Borarding School, Vill - Samanwa,PKL	Received at lab	17/06/2025 at 11:10
Sample Description :	Drinking Water	Analysis Start Date	17/06/2025
Latitude / Longitude :	77.017293 / 30.514371	Analysis End Date	18/06/2025
		Sample Quantity	2litre

**Test Result (As Per BIS 10500 :2012)**

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Turbidity	<0.2	1 NTU	5 NTU	APHA 24th Edition -2130 B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
4	Color	<5.0	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-C
5	Total Dissolved Solids @ 180°C ± 2°C	109.0	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
6	Total Hardness as CaCO <sub>3</sub>	79.2	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
7	Calcium as Ca	11.9	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B
8	Magnesium as Mg	12.0	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B
9	Total Alkalinity	100.0	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
10	Chloride as Cl	14.6	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So <sub>4</sub>	22.0	200 mg/lit.	400 mg/lit.	USEPA
12	Fluoride as F	<0.1	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition 4500 F-C
13	Iron as Fe	<0.02	1.0 mg/lit.	1.0 mg/lit.	IS 3025:(PART53):2024
14	Nitrate as No <sub>3</sub>	<1.0	45 mg/lit.	45 mg/lit.	APHA 4500-NO <sub>3</sub> - B
15	pH @ 25°C	7.51	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B

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- The test report can't be used for any publicity or any legal purpose.
- Reliability of water sample sample lies with sender/collector of water sample.
- To check the sample report online Scan the QR Code below
- The test samples meant for chemical analysis will be disposed off after 7 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.



Sample analyzed by :

*VK*  
18/06/2025

*Sonia*  
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