

Memo No:- 459

Date:- 17/04/2026

**Subject :** Physical / Chemical Examination Report of Water Sample

<p>Sample ID/Classification : MEW/00391/4/2026 / Private</p> <p>Sender : Lipin International school, attitka (Tauru)</p> <p>Location : , Lipin International school, attitka (Tauru)</p> <p>Sample Description : Drinking Water</p> <p>Latitude / Longitude : 76.899553 / 28.207877</p>	<p><b>Sample Details</b></p>	<p><b>Date &amp; Time</b></p>
	Collected By	LIPIN
	Collection Date	16/04/2026 at 12:48
	Received at lab	16/04/2026 at 14:00
	Analysis Start Date	16/04/2026
	Analysis End Date	16/04/2026
	Sample Quantity	1 litre

### 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	<0.5	1 NTU	5 NTU	APHA 24th Edition -2130 B
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2022)
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
4	Color	<5	5 Hazen Units	15 Hazen Units	APHA 24th Edition -2120-B
5	Total Dissolved Solids @ 180°C ± 2°C	442	500 mg/lt.	2000 mg/lt.	APHA 24th Edition -2540 C
6	Total Hardness as CaCo3	265	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2340 C
7	Calcium as Ca	35	75 mg/lt.	200 mg/lt.	APHA 24th Edition -3500 Ca B
8	Magnesium as Mg	43	30 mg/lt.	100 mg/lt.	APHA 24th Edition -3500 Mg-B
9	Total Alkalinity	303	200 mg/lt.	600 mg/lt.	APHA 24th Edition -2320 B
10	Chloride as Cl	105	250 mg/lt.	1000 mg/lt.	APHA 24th Edition -4500 Cl-B
11	Sulphate as So4	71	200 mg/lt.	400 mg/lt.	APHA 24th Edition -4500 SO4-E
12	Fluoride as F	<0.1	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition -4500 F-D
13	Iron as Fe	<0.1	1.0 mg/lt.	1.0 mg/lt.	APHA 24rd Edition -3500 Fe-B
14	Nitrate as No3	9.1	45 mg/lt.	45 mg/lt.	APHA 24th Edition - 4500- NO3 Method B (UV - Screening Method)
15	pH @ 25°C	7.98	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition -4500-H+ B

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED MEWAT 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.
- \* The test samples meant for chemical analysis will be disposed off after 7 days from the data of issue of test report unless untill specifically requested by the customer for retaining over a longer period.

Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters.

Sample analyzed by :

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**Principal**

Lipin International School  
Attitka (Sunari) Tauru, Distt. Nuh

