



Test Report

Report No: FTL/TR/2025/177

Report Date: 07/05/2025

Customer Name : Mrs. Parvinder Kaur, Principal
Address of customer : Partap Public Sr. Secondary School, Ludhiana
Email: ppsludhiana@yahoo.com
Mob: 9645776264

Customer Ref. No. & Date : Received by hand on 23rd April, 2025

Customer ID: FTL/2025/CUS-006

Category: Commercial Sample

Condition of the package, state whether;

- | | |
|---|-------|
| 1) Packaging used for the sample | : Yes |
| 2) Sample was properly sealed and fastened | : Yes |
| 3) Sample was in condition fit for analysis | : Yes |

Sample Details:

Sample Name:	Number of Sample
Tap Water	01

Quantity of samples:

Sr. No.	Sample Code (given by customer)	Sample Code (given by FTL)	Quantity of sample(g) (approx.)
1.	Tap Water	FTL/4-2025/WTR-04	1L

Method used for analysis:

Sr. No.	Parameter	Standard/ Analytical Method
1.	Odour	FSSAI Water Manual (2015) Pg. 15
2.	Colour	FSSAI Water Manual (2015) Pg.10
3.	Total Dissolved Solids	FSSAI Water Manual (2015) Pg.30
4.	Total Alkalinity	FSSAI Water Manual (2015) Pg. 101
5.	Total Hardness	FSSAI Water Manual (2015) Pg. 95
6.	Calcium	IS 3025 (Part 40):1991 Reaffirmed 2003

Authorized Signatory

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प्रभारी, खाद्य परीक्षण प्रयोगशाला
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Rahul Kumar Anurag
In-charge, Food Testing Laboratory
ICAR-CIPHET, Ludhiana-141004



Equipment used for analysis:

Sr. No.	Equipment	Make (Model)
1.	UV-Vis Spectrophotometer	Shimadzu UV-2600
2.	Atomic Absorption Spectrophotometer	Shimadzu AA-7000

Test Commenced on : 24/04/2025 **Test Completed on :** 06/05/2025

Table No. 01: Result of Tap Water Sample:-

Sr. No.	Parameter/Test	Sample Code FTL/4-2025/WTR-04	Units
		Results	
1.	Odour	Agreeable	Unitless
2.	Colour at pH 7.6 a. Dominant wavelength b. Hue c. Luminance d. Purity	575nm Yellow 20% 100%	Nm Descriptive Percent Percent
3.	Total Dissolved Solids	38	mg/L
4.	Total Alkalinity (as CaCO ₃)	32	mg/L
5.	Total Hardness	30	mg/L
6.	Calcium	0.016	ppm

Results are average of three replications of the given sample.

Note: -

1. The test report relates only to the sample tested in the laboratory.
2. The test report shall not be reproduced partially & fully without the written approval of the Director, ICAR-CIPHET, Ludhiana.

*****End of Report*****

Authorized Signatory

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