



# PHOTRON LABORATORIES PVT. LTD.

(ISO 9001-2015, 14001-2015, ISO 45001 : 2018 Certified Laboratory)

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## \*TEST REPORT\*

Discipline:-  
Group:-  
Sub Group:-

Chemical/Biological  
Water  
Drinking Water

Party Name	Rich Harvest Public School, A-1, Janakpuri, New Delhi- 110058	Report No	: DW-05042025-001
		Job order no	: PLPL/DW/01042025-001
		Format No.	: PLPL/QF/ 7.8/01
		Reporting Date	: 05.04.2025
		Receipt Date	: 01.04.2025
Sample Description	: Drinking water	Analysis Start Date	: 01.04.2025
Location	: Rich Harvest Public School,A-1, Janakpuri	Analysis Completion date	: 05.04.2025
Sample Collected by	: Customer	Sampling Type	: NA
Requirement	: As per IS 10500:2023	Preservation	: Refrigerated
(Name & Designation)	: NA	Sample Quantity	: 2 Ltr
Sample ID	: PLPL/LAB/01042025-001	Parameter Required	: As per TRF

## Test Results

S.NO	Parameters	Unit	Results	Requirement (Acceptable limits)	Permissible Limit in absence of alternate Source	Test methods
1.	Odor	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
2.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-7)
3.	Turbidity	NTU	BDL(DL-1)	1	5	IS 3025( Part -10)
4.	pH Value	-	7.36	6.5 – 8.5	No relaxation	IS: 3025 (Part-11)
5.	Total Dissolved Solids	mg/l	112.0	500	2000	IS 3025( Part -16)
6.	Residual free Chlorine (as Cl <sub>2</sub> )	mg/l	BDL(DL-0.2)	0.2	1	IS:3025 (Part-26)
7.	Total Hardness( as CaCO <sub>3</sub> )	mg/l	42	200	600	IS 3025( Part -21)
8.	Calcium ( as Ca )	mg/l	8.81	75	200	IS 3025 (Part -40)
9.	Magnesium ( as Mg )	mg/l	4.86	30	100	IS 3025 (Part- 46 )
10.	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	34	200	600	IS 3025 ( Part -23)
11.	Nitrate ( as NO <sub>3</sub> )	mg/l	BDL(DL-0.05)	45	No relaxation	APHA 24 <sup>th</sup> ED.4500-B-NO <sub>3</sub>
12.	Sulphate (as SO <sub>4</sub> )	mg/l	BDL(DL-0.2)	200	400	APHA 24 <sup>th</sup> ED.4500-E-SO <sub>4</sub>
13.	Chloride ( as Cl )	mg/l	23.82	250	1000	IS 3025 (Part -32)
14.	Fluoride as F	mg/l	BDL(0.05)	1	1.5	APHA 24 <sup>th</sup> ED.4500-F-D
15.	Iron ( as Fe )	mg/l	BDL(DL-0.1)	0.3	No relaxation	APHA3111 B,24th Ed

BDL= Below Detection Limit. DL=Detection Limit.

- 1) The above water sample confirms to IS: 10500-2012 Drinking Water Specification (Second Revision) with respect to the tests conducted.
- 2) The results apply to the sample as received.

Checked By :  
Yi Kash Kumar

\*End Report\*

Authorized Signatory  
Deputy Technical Manager  
Sanjeev Kumar

### Note:-

1. The result given above are related to the tested sample ,for various parameter as observed at the time of sampling.
2. The customer asked for the above tests only .
3. This test report will not be used for any publicity/legal purpose.
4. This test samples will be disposed off after one months from the date of issue of test report ,unless until specified by the customer.
5. The Report can not be used as evidence in a court of a law without the written approval of the lab.