



# PUBLIC HEALTH ENGINEERING DEPARTMENT

## DISTRICT WATER TESTING LABORATORY, PANIPAT

Website :- <https://phedharyana.gov.in/>

Memo No:- 387

Date:- 09/06/2023

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

Sample ID/Classification : PPT/00897/6/2023 / Private Sender : THE EXCEL INTERNATIONAL SCHOOL 21974 Location : , 95/2 , VILLAGE DAHAR , PANIPAT Sample Description : Drinking Water Latitude / Longitude : 76.925245 / 29.322297	<b>Sample Details</b>	<b>Date &amp; Time</b>
	Collected By	
	Collection Date	07/06/2023 at 09:39
	Received at lab	07/06/2023 at 10:11
	Analysis Start Date	07/06/2023
	Analysis End Date	08/06/2023
	Sample Quantity	1ltr.

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

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	458	500 mg/lit.	2000 mg/lit.	IS 3025 (Part-16) : 1984 (RA 2017)
2	Total Hardness as CaCo3	276	200 mg/lit.	600 mg/lit.	IS 3025 (Part-21) : 2009 (RA 2019)
3	Calcium as Ca	40.08	75 mg/lit.	200 mg/lit.	IS 3025 (Part-40) : 1991 (RA 2019)
4	Magnesium as Mg	42.76	30 mg/lit.	100 mg/lit.	IS 3025 (Part-46) : 1994 (RA 2019)
5	Iron as Fe	0.0	1.0 mg/lit.	1.0 mg/lit.	IS 3025 (Part-53) : 2003 (RA 2019)
6	Chloride as Cl	18.49	250 mg/lit.	1000 mg/lit.	IS 3025 (Part-32) : 1988 (RA 2019)
7	Sulphate as So4	64	200 mg/lit.	400 mg/lit.	IS 3025 (Part-24) : 1986 (RA 2019)
8	Fluoride as F	0.38	1.0 mg/lit.	1.5 mg/lit.	APHA 4500-F--C
9	Nitrate as No3	18.7	45 mg/lit.	45 mg/lit.	APHA 4500-NO3- D
10	pH @ 25°C	7.95	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 1983 (RA 2017)
11	Total Alkalinity	435	200 mg/lit.	600 mg/lit.	IS 3025 (Part-23) : 1986 (RA 2019)
12	Color	1	5 Hazen Units	15 Hazen Units	IS 3025 (Part-4) : 1983 (RA 2017)
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2017)
15	Turbidity	0.20	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2017)

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED PANIPAT 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 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

For The Excel International School

*Shanley*  
Manager





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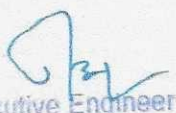
Subject : **Physical / Chemical Examination Report of Water Sample**

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**"



Sample analyzed by :

  
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Executive Engineer  
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For The Excel International School  
  
Manager

