

Memo No:- 730

Date:- 07/11/2024

Certificate  
No: TC-8111

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

Sample ID/Classification : GGN/02412/11/2024 / Private  Sender : Kingswood world school  Location : , Damdama Road, Bhondsi  Sample Description : Drinking Water  Latitude / Longitude : 77.069564 / 28.344425			Sample Details		Date & Time	
			Collected By		Nabhendra	
			Collection Date		05/11/2024 at 12:19	
			Received at lab		06/11/2024 at 13:13	
			Analysis Start Date		06/11/2024	
			Analysis End Date		06/11/2024	
			Sample Quantity		1000ml	
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	Total Dissolved Solids @ 180°c ± 2°c	119	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C	
2	Total Hardness as CaCo3	85	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C	
3	Calcium as Ca	16	75 mg/lit.	200 mg/lit.	APHA 24th Edition-3500-Ca B	
4	Magnesium as Mg	10.8	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg B	
5	Iron as Fe	0.02	1.0 mg/lit.	1.0 mg/lit.	USEPA	
6	Chloride as Cl	35	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B	
7	Sulphate as So4	34.81	200 mg/lit.	400 mg/lit.	USEPA / APHA 24th -4500 SO4-E	
8	Fluoride as F	0.85	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition 4500 F-D:	
9	Nitrate as No3	6.17	45 mg/lit.	45 mg/lit.	APHA 4500-NO3- B / USEPA	
10	pH @ 25°c	7.19	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition 4500-H+ B	
11	Total Alkalinity	85	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B	
12	Color	1	5 Hazen Units	15 Hazen Units	APHA 24th Edition-2120-B	
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018	
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 2023	
15	Turbidity	1	1 NTU	5 NTU	APHA 24th Edition -2130 B	

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED Gurugram 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 until specifically requested by the customer for retaining over a longer period.



Sample analyzed by : **VIKASH**

  
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