



OFFICE OF THE CHEMIST

PUBLIC HEALTH ENGINEERING DEPARTMENT DRINKING WATER TESTING LABORATORY, PALWAL

9MLD STP, JODHPUR ROAD, PALWAL, HARYANA - 121102

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TEST REPORT

Issued to : → HGM, Gurukulam Public Sr. Sec. School Test Report No. : → PWL/932/06/2023 Reference No. : → HGM/25/23 dt. 20/06/2023 Sample Type : → R.O. Test Type : → Chemical Test Classification of Sample : → Private Sample Description : → Water Sample Received in food grade plastic bottle at room temperature Lab Job Order No. : → V-183	Location : → Babri Mode, Hodal Collected by : → Devender Sample collected Date & Time : → 21/06/2023 at 09:00 Sample received Date & Time : → 21/06/2023 at 09:30 Date of Analysis Started : → 21/06/2023 Date of Analysis Completed : → 21/06/2023 Sample Quantity : → 1000 ml Issue Date of Report : → 27/06/2023 Addition/Deviation/ Exclusions from the method : - NA
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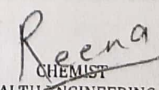
Test Result

Sr. No.	Tested Parameter	Results	Unit	Method	As per IS 10500:2012 RA 2018	
					Acceptable	Permissible Limit
1	Turbidity	<1	NTU	APHA 23rd Edition-2130-B, 2017	1 NTU	5 NTU
2	Taste	Agreeable		IS3025 (Part-8)1984:RA 2022	Agreeable	Agreeable
3	Odour	Agreeable		IS3025 (Part-5) 1983:2018	Agreeable	Agreeable
4	Colour	<5	CU	APHA 23rd Edition-2120 - Colour Method B 2017	5 CU	15 CU
5	Total Dissolve Solids (180°C ± 2°C)	92	mg/l	APHA 23rd Edition-2540C,2017	500 mg/l	2000 mg/l
6	Total Hardness as CaCO ₃	30	mg/l	APHA 23rd Edition-2340C,2017	200 mg/l	600 mg/l
7	Calcium as (Ca)	4.8	mg/l	APHA 23rd Edition-3500-Ca B, 2017	75 mg/l	200 mg/l
8	Magnesium (Mg)	4.37	mg/l	APHA 23rd Edition-3500Mg B, 2017	30 mg/l	100 mg/l
9	Total Alkalinity	24	mg/l	APHA 23rd Edition-2320 B, 2017	200 mg/l	600 mg/l
10	Chlorides as Cl	33.98	mg/l	APHA 23rd Edition-4500 Cl- B, 2017	250 mg/l	1000 mg/l
11	Sulphate as (SO ₄)	12	mg/l	APHA 23rd Edition-4500-So ₄ ²⁻ E, 2017	200 mg/l	400 mg/l
12	Fluoride as (F)	0.32	mg/l	APHA 23rd Edition-4500-F ⁻ D, 2017	1.0 mg/l	1.5 mg/l
13	Iron as (Fe)	0.01	mg/l	APHA 23rd Edition-3500-Fe B, 2017	1.0 mg/l	No Relaxation
14	Nitrate as (NO ₃)	3.6	mg/l	APHA 23rd Edition-4500-No ₃ - D, 2017	45 mg/l	No Relaxation
15	pH (@25°C)	6.55	---	APHA 23rd Edition-4500-H ⁺ B, 2017	6.5-8.5	No Relaxation

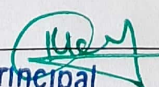
Remarks: -

Specific contractual notes: -

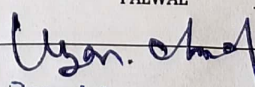
- ♦ The results given above are related to the sample as received and tested in PHED Lab PALWAL.
- ♦ The test report can't be regenerated/ re-produced in whole or part thereof without written permission of PHED Lab PALWAL.
- ♦ The test report can't be used for any publicity or any legal purpose.
- ♦ Reliability of water sample lies with sender/collector of water sample.


 Reena
 CHEMIST
 PUBLIC HEALTH ENGINEERING DEPARTMENT
 WATER TESTING LABORATORY
 PALWAL

END OF REPORT


 Principal
 HGM Gurukulam Sr Sec. School
 HODAL (Palwal)

Water is Life. Don't Waste It


 President
 Jagopal Mohan Education
 Society, Hodal (Palwal)

