



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 : → P.M. Shri .G.S.S. School
Test Report No. : → PWL/3114/12/2023
Reference No. : → Spl-1 dt. 07/12/2023
Sample Type : → Hand Pump
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-416

Location: → Village Kushak, Teh. & Distt. Palwal
Collected by: → Jai Singh
Sample collected Date & Time : → 07/12/2023 at 11:00
Sample received Date & Time: → 07/12/2023 at 12:30
Date of Analysis Started : → 07/12/2023
Date of Analysis Completed : → 07/12/2023
Sample Quantity : → 1000 ml
Issue Date of Report: → 12/12/2023
Addition/Deviation/ Exclusions from the method :- NA

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)	1160	mg/l	APHA 23rd Edition-2540C,2017	500 mg/l	2000 mg/l
6	Total Hardness as CaCO ₃	410	mg/l	APHA 23rd Edition-2340C,2017	200 mg/l	600 mg/l
7	Calcium as (Ca)	80.16	mg/l	APHA 23rd Edition-3500-Ca B, 2017	75 mg/l	200 mg/l
8	Magnesium (Mg)	51.03	mg/l	APHA 23rd Edition-3500Mg B, 2017	30 mg/l	100 mg/l
9	Total Alkalinity	370	mg/l	APHA 23rd Edition-2320 B, 2017	200 mg/l	600 mg/l
10	Chlorides as Cl	375.88	mg/l	APHA 23rd Edition-4500 Cl ⁻ B, 2017	250 mg/l	1000 mg/l
11	Sulphate as (SO ₄)	78	mg/l	APHA 23rd Edition-4500-So ₄ ²⁻ E, 2017	200 mg/l	400 mg/l
12	Fluoride as (F)	1.05	mg/l	APHA 23rd Edition-4500-F ⁻ D, 2017	1.0 mg/l	1.5 mg/l
13	Iron as (Fe)	0.04	mg/l	APHA 23rd Edition-3500-Fe B, 2017	1.0 mg/l	No Relaxation
14	Nitrate as (NO ₃)	9.3	mg/l	APHA 23rd Edition-4500-No ₃ - D ,2017	45 mg/l	No Relaxation
15	pH (@25°C)	6.65	---	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.

CHEMIST (REENA)
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WATER TESTING LABORATORY
PALWAL

END OF REPORT

Water is Life. Don't Waste It

PHEDPWL7-8F-01