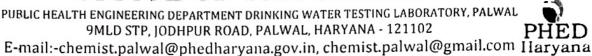
OFFICE OF THE CHEMIST





TEST REPORT

Issued to

: → Sita Ram International School

Test Report No.

:→ PWL/936/6/2023

Reference No.

dt.:- 20/06/2023

Sample Type

: → R.O.

Test Type

: → Chemical Test

Classification of Sample :→ Departmental

Sample Description :→ Water Sample received in

food grade plastic bottle at room temperature

Lab Job Order No.:→ V-181

Location:→ Baghola, Palwal

Collected by: → Dinesh Kumar

Sample collected Date &Time: → 20/06/2023 at 10:30

Sample received Date & Time: $\rightarrow 20/06/2023$ at 1:30

Date of Analysis Started: → 20/06/2023

Date of Analysis Completed: → 20/06/2023

Sample Quantity :→ 1000 ml

Addition/Deviation/Exclusions from the method :- NA

Test Result

				rest result		
Sr.	Tested Parameter	Results	Unit	Method	As per IS 10500:2012 RA 2018	
No.					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	СП	APHA 23rd Edition-2120 - Colour Method B 2017	5 CU	15 CU
5	Total Dissolve Solids (180°C ± 2°C)	77	mg/l	APHA 23rd Edition-2540C,2017	500 mg/l	2000 mg/l
6	Total Hardness as CaCO3	30	mg/l	APHA 23rd Edition-2340C,2017	200 mg/l	600 mg/l
7	Calcium as (Ca)	4.80	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)	10	mg/l	APHA 23rd Edition-4500-So4 ² E, 2017	200 mg/l	400 mg/l
12	Fluoride as (F)	0.23	mg/l	APHA 23rd Edition-4500-F D, 2017	1.0 mg/l	1.5 mg/l
13	Iron as (Fe)	0.03	mg/l	APHA 23rd Edition-3500-Fe B, 2017	1.0 mg/l	No Relaxation
14	Nitrate as (NO ₃)	2.3	mg/l	APHA 23rd Edition-4500-No3 D ,2017	45 mg/l	No Relaxation
15	pH (@25°C)	6.53		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.

PUBLIC HEAUTH ENGINEERING DEPARTMENT WATER TESTING ABORATORY PALWAL

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END OF REPORT_		