



**District Level Laboratory(PHED)
Chapra, Saran**



DOC NO: CPR / SAMP / 05/00

TEST REPORT

Name & Address:- Karmvir Singh Trident Public School Mubarakpur, Marhaurah, Saran (Chapra) Pin – 841418 School No:66845 Affiliated to C.B.S.E.,New Delhi (Upto 10+2)	Report No.	: CPR/W/25-26/R/93
	Date	: 12.09.25
	Sample Description	: Drinking Water
	Sample Mark/ Location	: R/W
	Sample Collected on	: 10.09.25
	Sampling Plan & Method	: IS 17614(Part 1): 2021
	Date of Performance (s)	: 12.09.25
		:

Analysis Result

Sl. No.	Test Parameter	Unit	Test Method	IS 10500:2012Amd. 1 & 2		Result
				Acceptable Limit	Permissible Limit	
1	Colour	HU	IS 3025 (Part 4) : 2021	5	15	1.0
2	Odour		IS 3025 (Part 5) : 2018	Agreeable	NR	Agreeable
3	Taste		IS 3025 (Part 8) : 2023	Agreeable	NR	Agreeable
4	pH at 25 ⁰ C		IS 3025(Part 11) : 2022	6.5	8.5	7.2
5	Turbidity	NTU	IS 3025(Part 10) : 2023	1	5	0.5
6	TDS	mg/l	IS 3025(Part 16) : 2023	500	2000	218
7	Total Hardness (as CaCO ₃)	mg/l	IS 3025(Part 21) : 2009	200	600	152
8	Calcium (as Ca)	mg/l	IS 3025(Part 40) : 1991	70	200	32
9	Magnesium (as Mg)	mg/l	IS 3025(Part 46) : 1994	30	100	12
10	Chloride (as Cl)	mg/l	IS 3025(Part 32) : 1988	250	1000	18
11	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025(Part 23) : 1986	200	600	160
12	Arsenic (as As)	mg/l	APHA 24 th Edition -3500 Method B (Silver Diethyldithiocarbamate Method): 2023	0.01	NR	0.0
13	Iron (as Fe)	mg/l	APHA 24 th Edition -3500-Fe Method B (Phenanthroline Method) : 2023	1	NR	0.05

Remark: *Analysed sample of water suitable for drinking.*

Memo No: CPR/W/25-26/93 /12/09/2025

PHED Laboratory, Chapra
Reviewed & Signature

DLWQTL

P.H. Division, Chapra

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- The reserved part of water sample(s) shall be retained for 15 days from the date of issue of the report.