



District Water Testing Laboratory

Public Health Engineering Department, Division Balrampur
Pani Tanki Road, Dahejwar, Balrampur (C.G.)

Test Report (Drinking Water)

T-8100

Report No. - 395	Discipline:- Chemical Testing	Group:- Drinking Water	Report Issue date- 05.10.2023	
Senders Name & Address- Head Master DAV Mukhayamantri Public School Bhawarmal(C.G)	Senders Letter No./Date	054/05.10.2023	Sampled by	By Official
	Sample Collection Date	05.10.2023	Sampling Plan & Procedure	Sampling Is Not Done By Laboratory Staff
	DL Receipt No.	359	DL Receipt Date	05.10.2023
	Date of Analysis Started	05.10.2023	Date of Analysis Completed	05.10.2023

Sample Details

S.N.	Sample I.D.	District / Block	City / Village	Habitation	Location/Source ID/GPS Identification
1	8-1353-102023	Balrampur/Ramchandrapur	Bhawarmal		DAV School Bhawarmal (Water cooler)
2	358-1354-102023	Balrampur/Ramchandrapur	Bhawarmal		DAV School Bhawarmal (Bore Water)

Details of Parameters Their Test Method Units And Specification As Per IS/APHA

S. N.	Parameters	Test method IS:3025/APHA 23rd ed.		Unit	As per IS-10500-2012 Drinking Water		Result of S.No.			
		Method	Part No.		Acceptable Limit	Permissible Limit	1	2	3	4
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Color	APHA 23rd ed.	Part -2120B	CU	5	15	2	2		
2	Odour	IS:3025	Part -05	-	Agr	Agr	Agr	Agr		
3	Taste	IS:3025	Part- 7/8	-	Agr	Agr	Agr	Agr		
4	Alkalinity as CaCO ₃	IS:3025	Part-2320B	Mg/L	200	600	138.45	115.05		
5	Calcium as Ca ⁺⁺	IS:3025	Part-3500-Ca-B	Mg/L	75	200	78.39	66.33		
6	Chloride as Cl	IS:3025	Part-4500-Cl-B	Mg/L	250	1000	21.78	25.74		
7	Total Hardness as CaCO ₃	IS:3025	Part-2340-C	Mg/L	200	600	108.9	91.08		
8	Magnesium as Mg ⁺⁺	APHA 23rd ed.	3500-Mg-B	Mg/L	30	100	7.56	6.13		
9	PH	IS:3025	Part -11	PH Scale	6.5-8.5	6.5-8.5	7.01	6.69		
10	5	APHA 23rd ed.	Part-3540-C	Mg/L	500	2000	182	148		
11	Turbidity	IS:3025	Part-10	NTU	1	5	0.07	0.1		

- The report should not be produced partly or full without approval signatory authority of legal purpose.
- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
- The results refer only to tested samples and parameters.
- Samples will be stored for a period of 10 days from date of issue of report.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification

Remark - 1. Results Apply To The Sample As Received.

2. Sampling not done by Lab Staff.

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Sanjog Gupta
Authorized Signatory (N.A.B.L.)

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Fluoride	APHA23rd ed.	4500-F-C	Mg/L	1.0	1.5	0.49	0.46		
2	Residual Chlorine	-	-	Mg/L	0.2	1.0	0.0	0.0		
3	Iron			Mg/L	0.1	1.0	0.0	0.1		

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