

District Water Testing Laboratory

P.H.E.D. Dhar (M.P.)

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Water Testing Report

DWTL/PHED/Dhar No:- 05

Date:- 22/02/2023

Ref:- Your letter No PA/2023/215 dt 20.02.2023

Samples From :- Perfect Academy , Manawar , Dist:- Dhar

1) Water from School

Date of Receipt :- 20.02.2023

Date of Analysis :- 20.02.2023

Sample collected and submitted by the customer

S.No.	Parameters	Test method	BIS 10500:2012 Desirable/Permissible Limit and Unit	Result			
				Water from School			
1	Colour	IS 3025 part 4	5/15 Co.Pt Scale	0			
2	Odour	IS 3025 part 5	Unobjectionable	Acceptable			
3	Turbidity	IS 3025 part 10	1.0/5.0 NTU	0.40			
4	pH	IS 3025 part 11	6.5 – 8.5 pH Scale	6.61			
5	Conductivity at 25.0 oC	IS 3025 part 14	Micro mhos/cm	62			
6	Total Dissolved Solids	By Calculation	500 / 2000 mg/Lit.	40			
7	Total Hardness (as CaCO ₃)	IS 3025 part 21	200 / 600 mg/Lit.	18			
8	Calcium	IS 3025 part 40	75 / 200 mg/Lit.	4			
9	Magnesium	IS 3025 part 46	30 / 100 mg/Lit.	2			
10	Sulphate (as SO ₄)	IS 3025 part 24	200 / 400 mg/Lit.	4			
11	Total Alkalinity	IS 3025 part 23	200 / 600 mg/Lit.	22			
12	Chlorides (as Cl)	IS 3025 part 32	250 / 1000 mg/Lit.	8.0			
13	Fluorides (as F)	IS 3025 part 60	1.0 / 1.5 mg/Lit.	0.1			
14	Nitrates (as NO ₃)	APHA 23 Edition 4500B UV	45/ 45 mg/Lit.	2			
15	Iron (as Fe)	IS 3025 part 53	1.0/ 1.0 mg/Lit.	0			
16	Manganese	IS 3025 part 59	0.1 / 0.3 mg/l	0			
17	Residual Chlorine	VCM	0.2 mg/Lit. at Consumer point	0			
18	Total Coliform	APHA 22 Edition 9211B	0 / 0	0			
19	Faecal Coliform	APHA 22 Edition 9211B	0 / 0	0			

Remarks :- All the tested parameters are within the desirable limits as per BIS 10500:2012

CHEMIST
Dist. Water Testing Laboratory
P.H.E.D. Dhar (M.P.)