

WATER TESTING LABORATORY

Public Health Engineering Department Guna (M.P.)

ANALYSIS REPORT

1 SENDER Name & Address <u>Ms Pm shri Kendriya Vidhyalay</u> Block & Village <u>Guna</u>	2. PARTICULARS OF Place of collection & details of sample SAMPLE : <u>Guna - Guna</u> (i) <u>Ms Pm shri Kendriya Vidhyalay</u> Date <u>24/09/25</u> (ii) <u>Guna</u> Date _____ (iii) _____ Date _____ (iv) _____ Date _____ (v) _____ Date _____
3 PARTICULARS TO BE FILLED IN THE LABORATORY : Reference No. _____ 4 A. Date & time of receipt <u>24/09/25</u> (B) TESTED ON <u>25/09/2025</u> C. Laboratory Sample id _____ (D) NATURE OF STUDY <u>CHEMICAL/BACTERIOLOGICAL</u>	

S.NO	Characteristics	Units	As per BIS -10500 FOR Drinking Water		Results				
			Acceptable	cause for rejection	I	II	III	IV	V
1	Iron	mg/L	1.0	1.0	0.00				
2	Nitrates	mg/L	45	45	14				
3	Arsenic	mg/L	0.01	0.01	-				
4	Fluoride	mg/L	1.0	1.5	0.21				
5	Chlorides	mg/L	250	1000	125				
6	Total Dissolved Solids	mg/L	500	2000	370				
7	Alkalinity	mg/L	200	600	210				
8	Calcium As "Ca"	mg/L	75	200	100				
9	Magnesium as "Mg"	mg/L	30	100	16.8				
10	Residual Cl ₂	mg/L	0.2	1.0	0.00				
11	Sulphate	mg/L	200	400	-				
12	pH Value	pH Scale	6.5 to 8.5	No relaxation	7.18				
13	Turbidity	NTU	1	5	2.0				
14	Total Hardness	mg/L	200 as CaCO ₃	600 as CaCO ₃	320				
15	E-Coli	100ml	0.00	0.00	0.00				
16	Coli form	100ml	0.00	0.00	-				
17	Colour	pt Cobalt Scale	5.0	15	NIL				
18	Temperature	°C	-	-	-				
19	Conductivity	Micromhos/cm	-	-	584				
20	Test and odour		Unobjectionable	Unobjectionable	unobj.				
21	Nitrites (P/A Test)		Colour Less (A)	Pink colour (P)	-				

Note :- According to the test Water of given Sample is fit / unfit for drinking Purpose.


Chemist
 P.H.E. Lab Guna