

**CHITRAKOOT DHAM MANDAL JAL SANSTHAN, BANDA**  
**ANALYTICAL TEST REPORT OF DRINKING WATER**

DATE OF SAMPLING 22-06-23  
 DATE OF TESTING 23-06-23  
 SOURCE OF SAMPLE टैप वाटर केन्द्रीय विद्यालय, सुमेरपुर हमीरपुर।  
 SAMPLE COLLECTED BY श्री अकुर तिवारी प्रधानाचार्य केन्द्रीय विद्यालय सुमेरपुर।

**PHYSICAL CHARACTERISTICS**


PARAMETERS		VALUE	SPECIFICATIONS	
			DESIRABLE LIMIT	PERMISSIBLE LIMIT IN ABSENCE OF ALTERNATE SOURCE
1	2	3	4	5
APPEARANCE	VISUAL	Clear		
TEMPERATURE	0°C	34°C		
COLOUR	RAZEN UNIT	Colourless		
TURBIDITY	JTU	2.2		
pH		7.2		

**CHEMICAL CHARACTERISTICS**  
 (ALL VALUES IN Mg)

PARAMETERS		VALUE	SPECIFICATIONS	
			DESIRABLE LIMIT	PERMISSIBLE LIMIT IN ABSENCE OF ALTERNATE SOURCE
1	2	3	4	5
TOTAL DISSOLVED SOLIDS	MAX	320	500	
TOTAL ALKALINITY AS	CaCO <sub>3</sub>	200	600	
TOTAL HARDNESS		280	300 To 600	
CALCIUM as	Ca <sup>++</sup> MAX	140	200	
MAGNESIUM as	Mg <sup>++</sup> MAX	140	200	
OXYGEN ABSORBED FROM	Kmno <sub>4</sub>	-	-	
CHLORIDS as	CL <sup>-</sup> MAX	44.0	200	
IRON as	Fe, MAX	0.04	1.0	
NITRIATE	NO <sub>2</sub>	NIL	NIL	
NATRATE	NO <sub>3</sub>	NIL	15	
FLUORIDES as	F MAX	0.6	1.5	
RESIDUAL FREE CHLORINE		-	-	

REMARKS- Potabe for drinking purpose

  
 CHEMIST

  
 J.E. (H.Q.)  
 जबर अभियन्ता  
 जल संस्थान, मुज्जातब-बौदा