

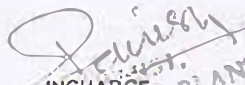
**QUALITY CONTROL (WATER) LABORATORY
NAGAR NIGAM, Arera Hills, Bhopal.(M.P.) 462003**

ANALYSIS REPORT	
Kind of sample- WATER SAMPLE	
PARTICULARS OF SENDER – ST. RAPHAEL CO-ED SCHOOL BHOPAL M.P	
Ref - O	Date- 24.02.2023
PARTICULARS OF SAMPLE	
Not collected by Nagar Nigam	
Place of collection and details of sample	
Date	
1	ST. RAPHAEL CO-ED SCHOOL JATKHEDI BHOPAL WATER SAMPLE 24.02.2023
2	
3	
4	
PARTICULARS TO BE FILLED IN THE LABORATORY	
Date of Receipt - 24.02.2023	Lab. Reference No
	Tested on 24.02.2023

NATURE OF STUDY - CHEMICAL ANALYSIS							
No.	Characteristics	Unit	As Per BIS -10500:2012 For Drinking Water		Results		
			Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3
PHYSICAL TEST							
1	Temperature	°C	-----	-----	27.2		
2	Turbidity	NTU	1.0	5.0	1.0		
3	Colour	Hazen Units	5	15	NIL		
4	Odour	-----	Agreeable	Agreeable	NIL		
ROUTINE CHEMICAL TEST							
5	PH	PH scale	6.5 to 8.5	6.5 to -8.5	7.10		
6	Conductivity at 25°C	Micromhos per cm. ²	-----	-----	-		
7	Phenolphthalein Alkalinity	Mg / l	-----	-----	-		
8	Total Alkalinity as CaCO ₃	Mg / l	200	600	48		
9	Chloride as Cl	Mg / l	250	1000	34		
10	Nitrate as NO ₃	Mg / l	45	45	NIL		
11	Total Hardness as CaCO ₃	Mg / l	200	600	40		
12	Calcium as Ca ⁺⁺	Mg / l	75	200	8		
13	Magnesium as Mg ⁺⁺	Mg / l	30	100	4.8		
14	Total Solids	Mg / l	500	2000	-		
15	Total Dissolved Solids	Mg / l	500	2000	44		
16	Suspended Solids	Mg / l	-	-	-		
17	Sulphate as SO ₄	Mg / l	200	400	06		
18	Residual Chlorine	Mg / l	0.2	1.0	-		
19	iron		0.1	1.0	NIL		
NATURE OF STUDY - BACTERIOLOGICAL ANALYSIS							
20	MPN	Per 100 ml	Nil (for treated water or water in distribution system)		220	-	-
21	E-coll or Thermo Tolerant Coliform	Per 100 ml	Nil		-	-	-

NOTE:- 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 upto the limits indicated under the "permissible limit in the absence of alternate source" in column 4, above which the sources will have to be rejected.

Chemist's signature
Remarks if any


 INCHARGE
 5MGD FILTER PLANT LABORATORY
 NAGAR NIGAM Bhopal.(M.P.) 462003
 Bhopal, M.P.



ST. RAPHAEL CO-ED SCHOOL

Affiliated to CBSE. Affiliation No. 1030456 Sch. Code :- 14458

86/2, Jatkhedi, Misrod, Bhopal (M.P.) - 462026, Contact : 0755-2970691, 8964025788
straphael2013@gmail.com www.straphaelcoed.com

STR/2020-23/ACAD./320

दिनांक- 25-01-2023

प्रति

यह सुचित किया जाता है कि सेन्ट रेफेल को-एड स्कूल, खसरा न. 86/2 जाटखेड़ी, मिसरोद, वार्ड कं 53 भोपाल में स्थित है। विद्यालय में छात्र/छात्राओं के लिए शौचालय की उचित व्यवस्था है।

अतः आपसे निवेदन है कि विद्यालय के लिए स्वच्छता प्रमाण पत्र प्रदान करने की कृपा करें।

धन्यवाद

प्राचार्य
Principal

St. Raphael Co-Ed School
Jatkhedi, Misrod
Bhopal M.p.



24-2-23